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TAL dealers, see website

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Special thanks to the complete TAL-team

“You might call us light addicts... light is vital, it needs to be functional, efficient, controllable but at the same time we need light for our well-being, as a creator of colour, warmth and atmosphere...”

TAL's mission is one of technical and aesthetical innovation. Groundbreaking technology can be found in our Halosphere, Beaufort, Beaufort², Haloled and Orbital series. We take pride in exquisite collections such as our all-time favorite Black & Gold, Think Small., Cu29, the natural ensemble of Dalsgaard and our Layers collection. For many of our outstanding products and collections, we have collaborated with reputable designers such as Sylvain Willenz and Bruno Erpicum. The above mentioned product families, technology and collections are witness to our mission and they are paving the way to a constant growth and success.

TAL has a total dedication to quality but for us, this word is interpreted in the broadest sense possible. This not only entails the use of the best available materials and finishes but also covers topics such as innovation, competitive pricing, good deliveries, attractive and user-friendly catalogue material, support both pre- and post sales and the flexibility to constantly produce trendsetting and exciting designs.



King George
collection



Orbital
collection



New
collection



Cu₂₉
collection



Black+Gold
collection



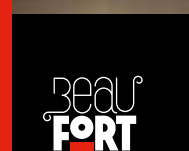
Dalsgaard
collection



Think Small
collection



Layers
collection



Beaufort
technology



Beaufort²
technology



Haloled
technology

Collections


**King
George**

DESIGN BY MICHEL DE NYN



Visit our website
and compose your
own King George.

www.tal.be/kinggeorge



KING GEORGE VIII **TEXT.BLACK**

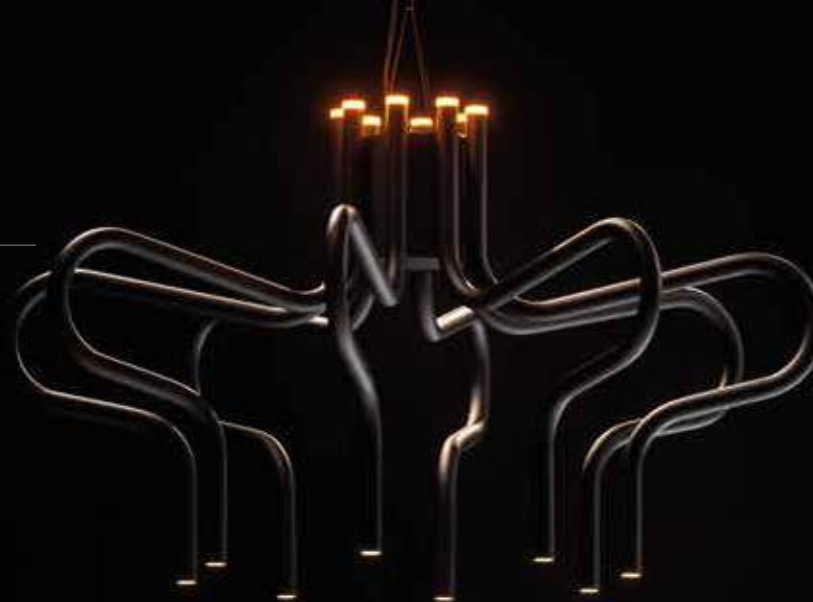
(GOLD FOCUS DOWN 2700K +
BLACK&FROSTED UP AMBER)

435986

KING GEORGE XII **TEXT.BLACK**

(GOLD FOCUS DOWN 2700K +
BLACK&FROSTED UP AMBER)

435926



With KING GEORGE, TAL has gone all out with its contemporary interpretation of the classical chandelier.

The idea: you take a luxurious chandelier and strip it of all its frills and glitz and a brand-new light fitting appears. TAL takes this idea very far; in the case of KING GEORGE only the outlines of the chandelier remain, and all the lighting fits in the design itself. KING GEORGE is a jewel of simplicity, purity and technical ingenuity.

The design of the chandelier consists of several pipes. Of course, as it befits a majestic light fitting, the light this chandelier emits comes from the latest state-of-the-art LED technology. There are three different versions of the chandelier available, analogous to the number of their arms: KING GEORGE XII has twelve pipes, KING GEORGE VIII and KING GEORGE VI have eight and six pipes respectively. The arms are finished with a texture finish which provides it with a clean, yet tactile effect.

Less is more, you would think? Not quite. Even though KING GEORGE has a sleek design, TAL still offers the customer the opportunity to tweak this chandelier to their own liking. For a start, this can be done by choosing

the finish in any desired colour; imagine an entirely black version like a tarantula weaving its frightful web down from the ceiling. Adjustments to the pipes are also possible. For example: an end part in a different colour or texture (for instance chrome to embellish the crown with some bling) may be fitted, both on top and at the bottom. And even more splendour may be added to the chandelier by fitting the KING GEORGE with modern lampshades. Another idea would be to fix special light switches to the arms, which causes the light no longer to emanate from the pipes but from the crown caps. In short, there are numerous possibilities to create a unique KING GEORGE.

In addition to its illuminating quality, a chandelier also has a decorative function and this is very much true for the KING GEORGE, too. A modern or pimped KING GEORGE will add a royal touch to both modern and the more classic interiors.

Collections



QUEEN ELIZABETH

You heard right, the KING has found himself a spouse:
QUEEN ELIZABETH.

This chandelier retains the formal vocabulary and design of its spouse
but is a bit smaller in diameter and proportion.

As a result, Queen Elizabeth fits well within compact interiors too.
People say its shape resembles that of a crinoline but feel free to judge
for yourself.



PRINCESS ANNA

Hear ye, Hear ye! A royal baby has been born. We welcome with honorably duty Princess Anna, weighing 7 kg. Our beautiful princess is the first born of His Royal Highness King George and Her Majesty Queen Elizabeth. This love child was bound to happen and will prove to be a truly exceptional one. Whereas her parents both have an equal number of arms, Princess Anna consists of five arms and is thus always asymmetrical.

The princess has the same majestic appearance as the King and Queen and shines her light upwards as well as downwards. Her splendour comes from the latest state-of-the-art LED technology and she can be equipped with a special diffuser in order to avoid dark spots when used above a table. May Princess Anna be long lived and shine her glorious light upon her humble disciples.



Visit our website and compose your own Queen Elizabeth or Princess Anna.

www.tal.be/kinggeorge

Collections

New products



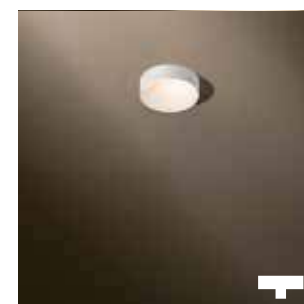
B4 NPG 134



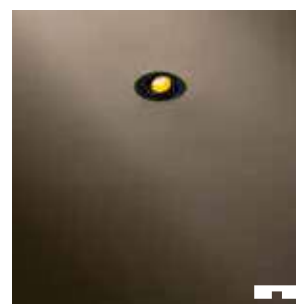
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FORUM BEACON 382



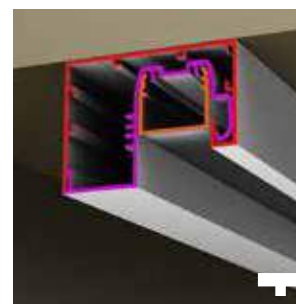
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OSCAR 488



PRINCESS ANNA 254

New



DARTLING OAK 181



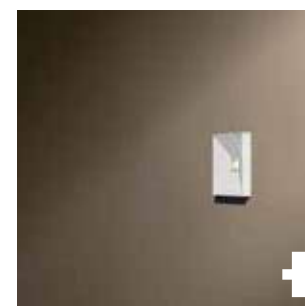
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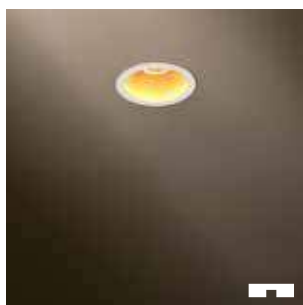
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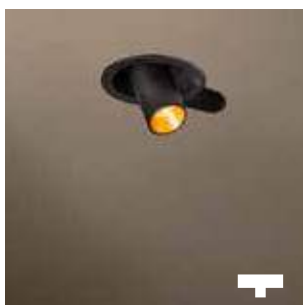
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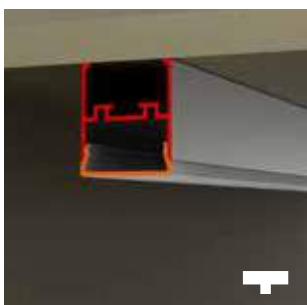
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ORBITAL ORBITAL



PROTUT 408



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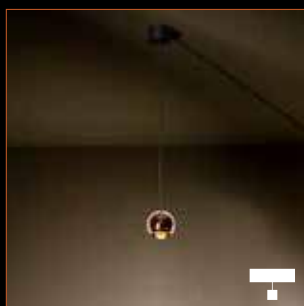
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Collections



Cu₂₉

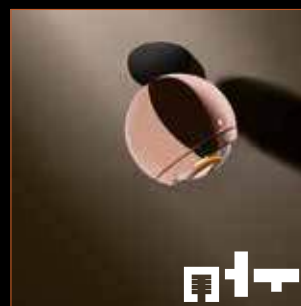




BERRIER JUNIOR 264



BERRIER 280



BERRIER SURFACE 206



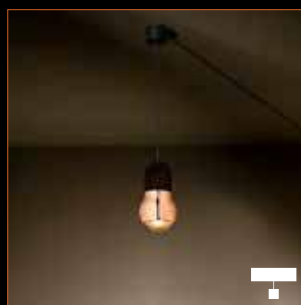
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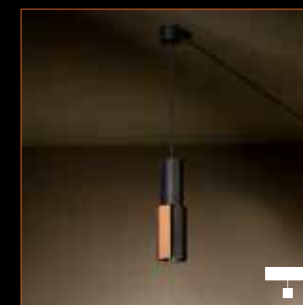
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LUZIEN 292



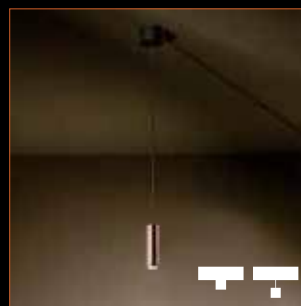
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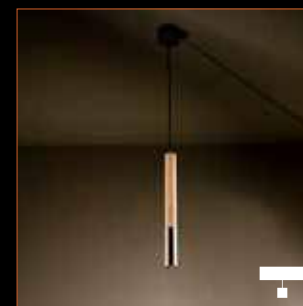
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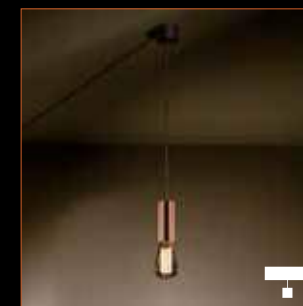
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NOBEL OAK PI 260



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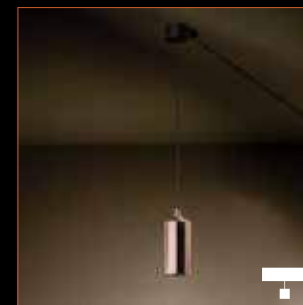
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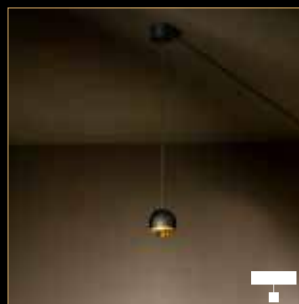
Collections

Black
GOLD reflector

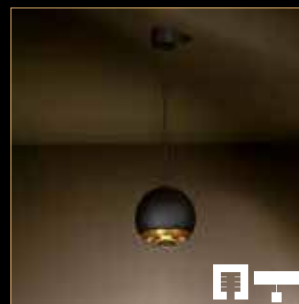


BLACK
+GOLD

Black on the outside
Gold on the inside



BERRIER JUNIOR 264



BERRIER 280



BERRIER SURFACE 206



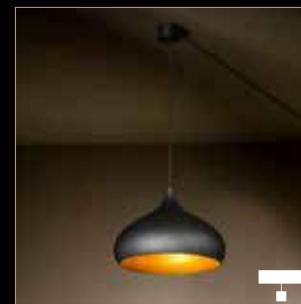
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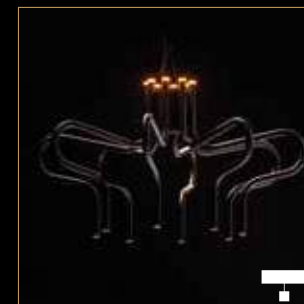
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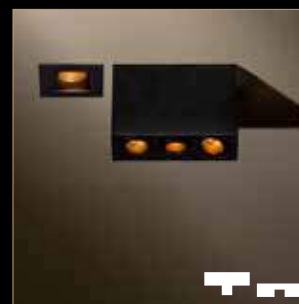
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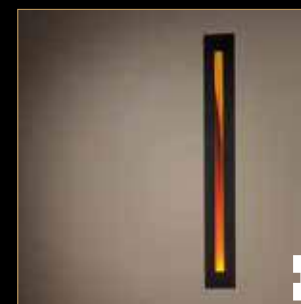
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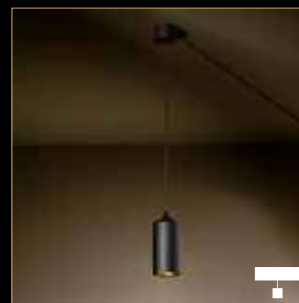
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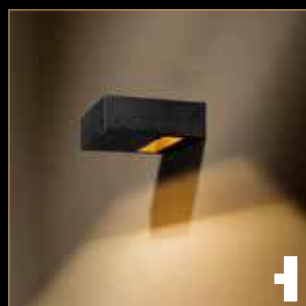


SPINOLA 276

Black+Gold



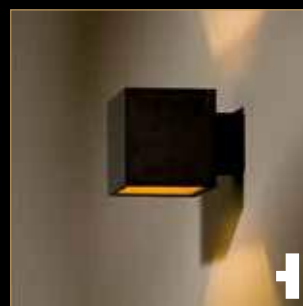
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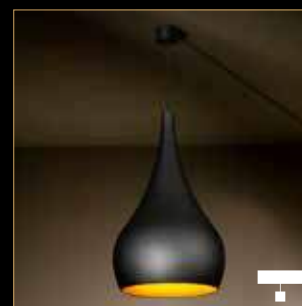
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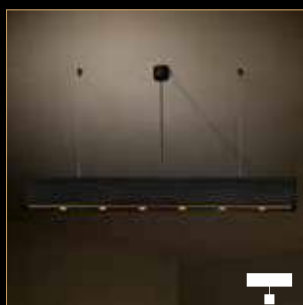
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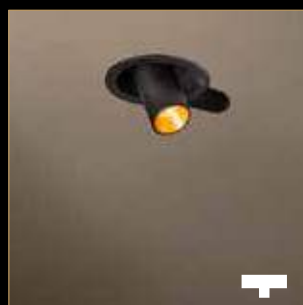
MICRO INCAS 58



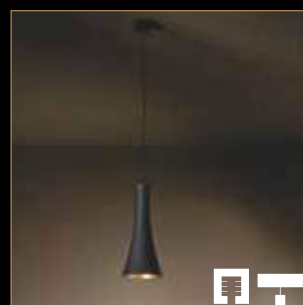
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NOBEL SFEROS 82



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DIABOLO S 154
NOBEL 258
NOBEL ELBOW 184 - 187
NOBEL PI 260 - 261
NUTS 272 - 274
OLIIF 290
SNAKE 320

Collections

DALSGAARD

Selected out of an oak forest, deep woodgrains.
Embracing a soft comforting light.

ex-defender - SV Zulte Waregem

HENRIK DALSGAARD

27 july 1989 - Viborg, Denmark - 1,92 m - 81 kg

On March 9, 2016, following an impressive start at Zulte Waregem, Dalsgaard was, for the first time ever, selected for the Denmark national football team. He made his debut against Iceland in a friendly on March 24, 2016, playing all 90 minutes in the 2-1 win.



DARTLING OAK 181



FABIAN PENDANT 305



FABIAN SURFACE 220



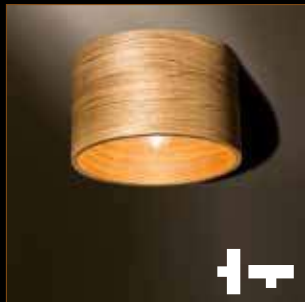
KALEBAS 270



NOBEL OAK PI 260



ROBAN PENDANT 301



ROBAN SURFACE 210



TIMBER 221



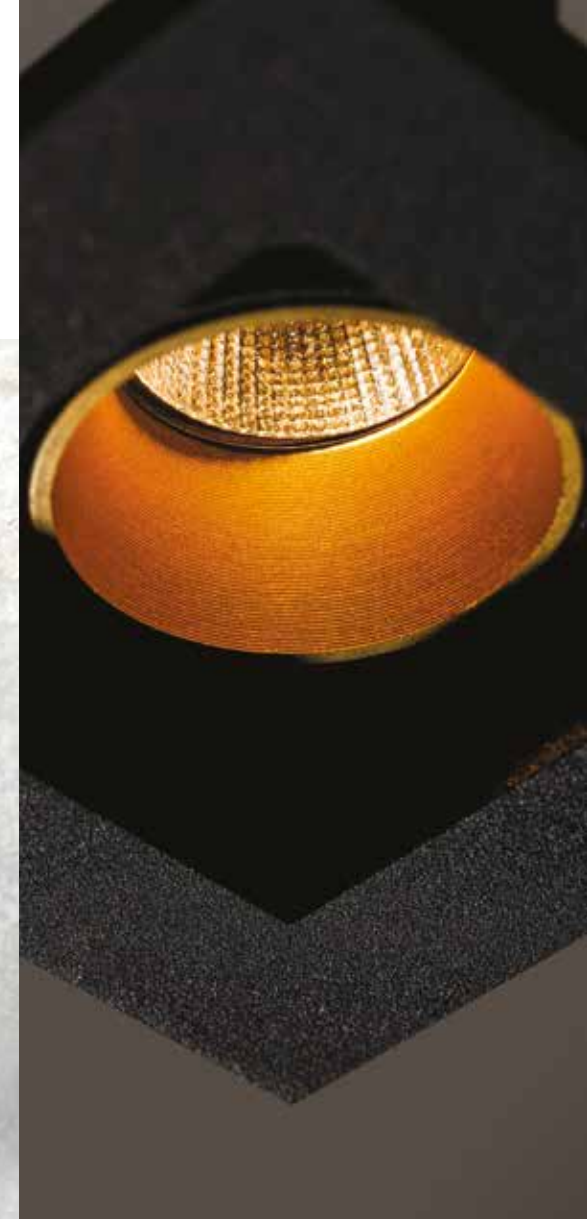
VIENNA 256



Collections



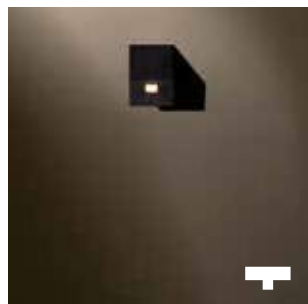
Pure Renaissance. As if designed by Michelangelo himself.



Think Small



BERRIER JUNIOR 264



DICE 226



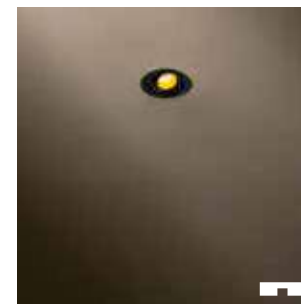
DICE EXO 138



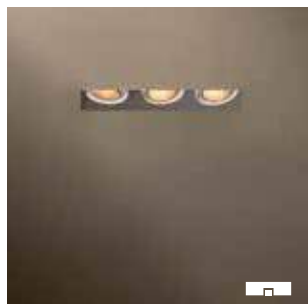
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MICRO SCOOP 188



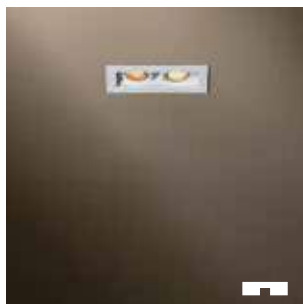
MICRO ECLIPS 85



MICRO INCAS 3 58



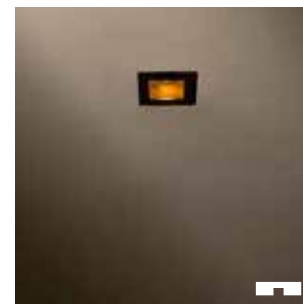
MICRO OBO / MICRO UBO 330



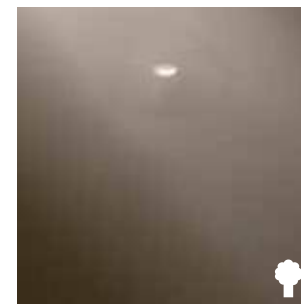
MICRO TOMMY 125



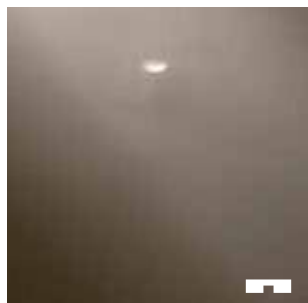
MICRO TOMMY SURFACE 228



MICRO TOMMY IP 54 129



MINI HELAX OUT 402



MINI HELAX 87



NOBEL 258



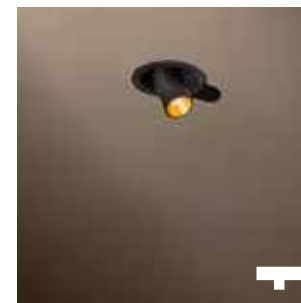
NOBEL ELBOW 184



NOBEL PI 261



NOBEL OAK PI 260



NOBEL SFEROS 82

LAYERS



◀ **TELESCOOP SUSPENDED**
TEXTURED BLACK

▲ **TELESCOOP SURFACE**
TEXTURED BLACK



▲ **ROLLO SUSPENDED**
TEXTURED WHITE + BRASS



◀ **ROLLO SUSPENDED**
TEXT. WHITE + BRASS



SYLVAIN
WILLENZ
—
DESIGN
OFFICE

LAYERS COLLECTION

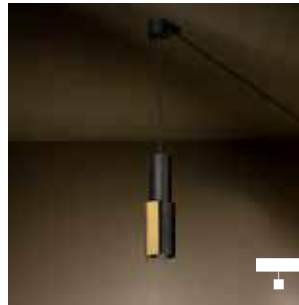
'Layers' refers to the design project of lighting company TAL and reputable designer Sylvain Willenz.

Before Willenz got to work, he defined TAL's DNA - TAL is known for its technical knowhow. To this DNA he added a new applicable dimension. "By playing with shapes, materials, dimensions and technique 'layers' are formed. The designs express their finesse through these different layers," the designer explains.

The collection looks quite simple in the first instance. "That is just an illusion," says Willenz. "Its complexity is hidden within the designs' layers. Its flexibility is likewise contained in the various layers which the lighting is composed of."



NELSON SUSPENDED 286



NELSON SUSPENDED M10 286



NELSON SURFACE 223



NELSON TRACK 545



TELESCOOP SUSPENDED 284



TELESCOOP SUSPENDED M10 286



TELESCOOP SURFACE 222



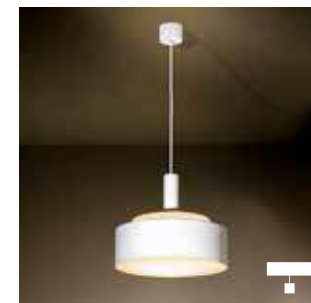
TELESCOOP TRACK 544



ROLLO SUSPENDED 302



ROLLO SURFACE 212



HUBBLE SUSPENDED 303



HUBBLE SURFACE 215

Technology

BEAU
FORT

2700K	6,22W	758 lm	≈121 lm/W	180mA
3000K	6,22W	793 lm	≈127 lm/W	180mA

CRI92



CEDRUS 106



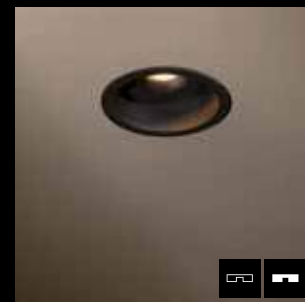
DOMINO 241



ECLIPS ROUND 119



ECLIPS SQUARE 119



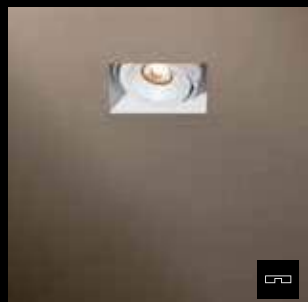
HELVA 100



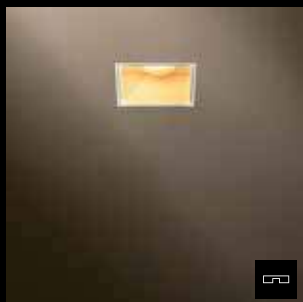
INCAS 61



INTANA 57



MINI PROJEXXAR 65



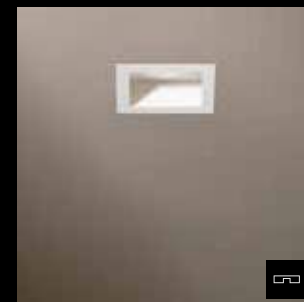
MINI RASPUTIN 66



MINI TOMMY 140



MINI TOMMY TRIMLESS 70



QUAD 130



QUAD ASSYMETRIC 133



SIMPLON 116

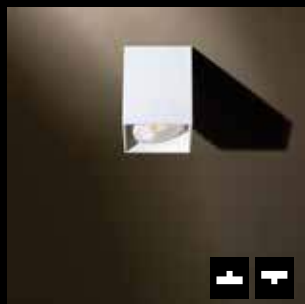
BEAU FORT

Two light colours available

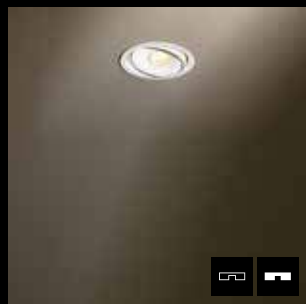
BEAUFORT² is available in two colour temperatures. You may opt for 3000K, which is a warm white light and perfect for the project market as general or accent lighting. Alternatively you may choose 2700K which provides more gentle light and therefore is more suitable for hospitality and residential applications.

A++ Label

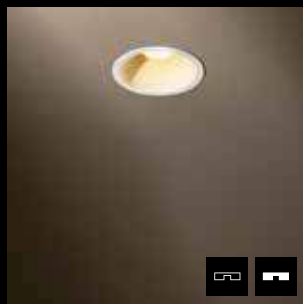
The Beaufort² technology is efficient to such extent that in fact it is one of the first light sources Europe has granted the A++ label. The Beaufort² module can be driven up to 500mA. At 500mA it will provide about 2000lumen, which comes down to an efficiency of more than 110lumen/W. Provided the Beaufort² module is driven at 350mA it will still provide 1500lumen, which equals an efficiency of 115lumen/W.



DADO 233



ECLIPS 120



HELAX SML 105



INCAS 63



ROBAN 211



ROBAN SUSPENDED 298



THOR 208



THOR TWIN 209



THOR SUSPENDED 288



SURFACE KITS + TOMMY 243



TOMMY TRIMLESS 74



TOMMY 145



WODAN TRACK 528



WODAN 224 - 324 - 310



After Beaufort and its successor Beaufort², TAL once again develops pioneering LED technology. This time Haloted is introduced, a technology that combines the looks of a halogen lamp, more specifically a QR-C51 lamp, with all the advantages of LED lamps. It is not a coincidence that the name 'Haloted' is a compound consisting of the words 'halogen' and 'LED'.



Luxeon M

Do not be mistaken: the Haloted certainly does use LEDs. High-quality LEDs, as one would expect from TAL. As with the Think Small. collection, TAL uses a specific type of LEDs for the LUXEON collection which yields a particularly high level of light quality and energy efficiency. In addition, LUXEON M equals 'freedom from binning', which means that the LEDs are so uniform that the same light colour is guaranteed throughout the entire project. In short, LUXEON M has all the essential factors that allow a lighting manufacturer such as TAL to work on creating an innovative lighting solution.

Back to the future

Therefore, it should come as no surprise that a technology like Haloted sees the light of day. Consumers can hardly keep up with the evolution in the field of LEDs. Today there is a suitable LED-based solution for every application. Using a technology like 'Haloted', TAL offers consumers the ultimate alternative to traditional lighting solutions such as

the halogen lamps we know from the olden days. Haloted combines LED, lens and cooling module and is perfectly integrated into the device. You no longer need to scour shop shelves in search of that one suitable lamp.

The consumer has a fully finished product at his disposal without having to worry about its lifespan. Furthermore, we can substantially limit the installation depth thanks to this LED module. Because of this limited installation depth, a device with Haloted is ideally suited for passive houses. A device containing Haloted technology can be controlled at 700 mA, yielding 725 lumen. With a Vf (Forward Voltage) of only 11.2, more than one device can easily be connected to one convertor. Haloted produces a warm, pleasant 2700K light (3000K is available on request) at a lovely 36° beam angle, as is the case with the popular QR-C51 lamp.

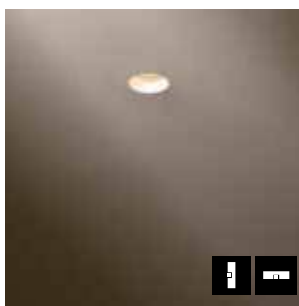
The Haloted technology is currently available in Simplon, Solid and Funnel products, but will in future also be implemented in various other TAL devices.



Haloled



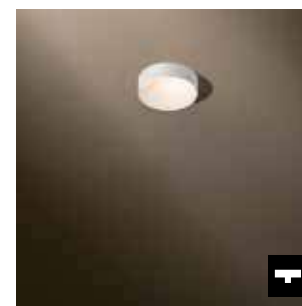
DJANGO 234



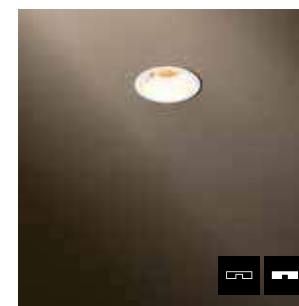
DREBBEL 54



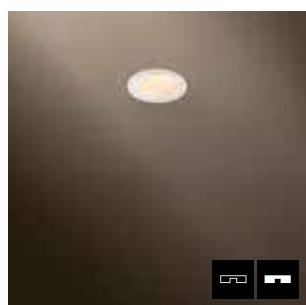
FUNNEL ELBOW 197



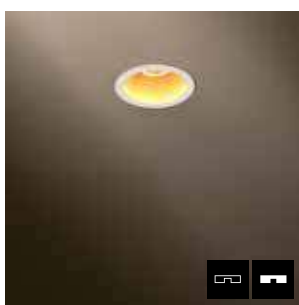
FUNNEL EXO 110



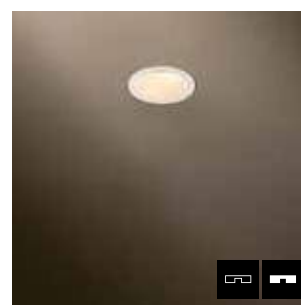
FUNNEL FIX/FLEX 108



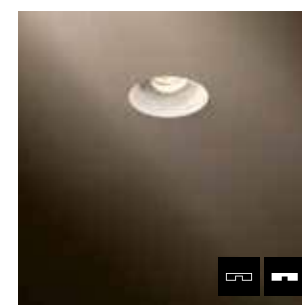
HELAX 70 91



HELAX SML 104



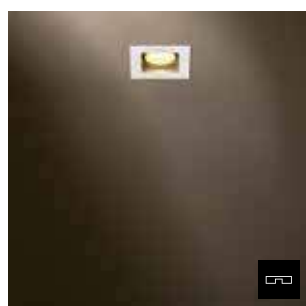
HELAX OUT 403



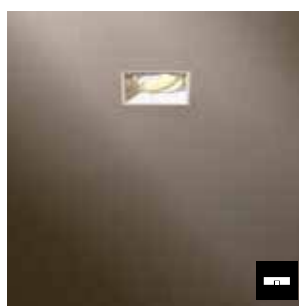
INTANA 57



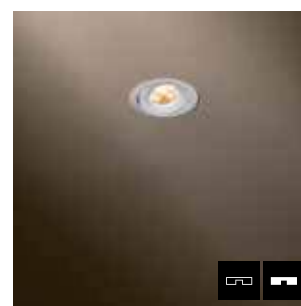
MINI RASPUTIN 69



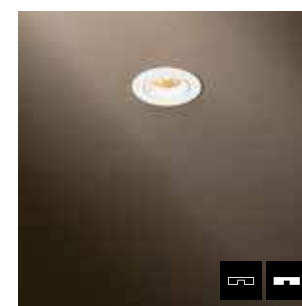
MINI TOMMY 143



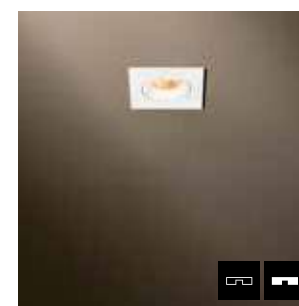
MINI TOMMY TRIMLESS 73



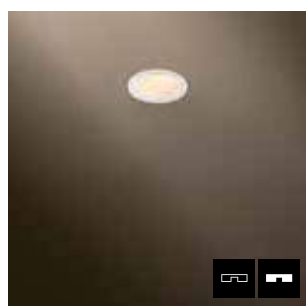
SIMPLON 118



SOLID ROUND 113



SOLID SQUARE 115



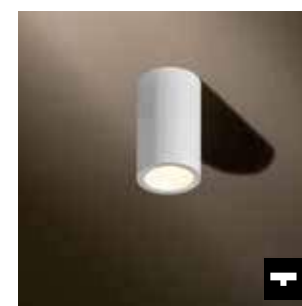
SPINA 96



SPINA ELBOW 203



SPINA ELBOW TRACK 538



SPINA ON 198



SPINOLA 276

how to use

Lamp type | **Product name** | **Application**

Accessory | **Product dimensions** | **Energy label** | **Lamp type + power** | **Supply** | **Dim protocol** | **Light output** | **Adjustability**

Cut out dimensions | **Finish of the product** | **Obligatory accessories to be ordered separately** | **Color temperature (for LED only)** | **Beam angle** | **Reference number** | **Cut out dimensions** | **Reference number/page number** | **Features**

Recommended drivers
colour indicates type of converter

Product weight | **Indoor / outdoor use** | **Flammability index** | **IP rate** | **Electrical class** | **Gear type** | **European conformity** | **Dimensions and form cut out** | **Installation height in hollow ceilings** | **Installation height in solid ceilings**

TOMMY 1 BEAUFORT²

CITIZEN 18W
max. 500mA DC
dimable PWM
2000 lumen
↻ 30° ↻ 30°

A++

2700K | **3000K**

	35°	70°	35°	70°
TEXT. WHITE	740137	740117	740138	740118
TEXT. BLACK	108146	108136	108147	108137

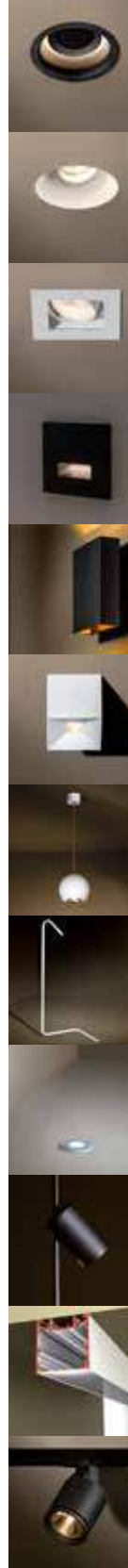
FRAME FOR PLASTER 700109 185 x 185 x 120 mm
FRAME + BOX FOR VISIBLE CONCRETE 702010 230 x 305 x 170 mm
FRAME FOR PLASTERED CONCRETE (3 MM) 702012 316 x H 120 mm
SURFACE KIT LARGE 1 CI 500mA TEXT. WHITE 796628 p.299
SURFACE KIT LARGE 1 CI 500mA TEXT. BLACK 796636 p.299

CONVERTER p.679

BEAUFORT²

95 mm
Installation height 100 (85) mm

essentials



orbital



trimless

trimless - rahmenlos - randloos - sin marco - senza cornice



downlights

encastré plafond - einbauleuchten - inbouwtoestellen
lampara empotrada - incasso soffitto



wall recessed

encastré mural - wandeinbauleuchte - inbouw wandtoestellen
empotrada a pared - parete incasso



wall surface

applique mural - wandaufbau - wandtoestellen
montaje a pared - parete



ceiling mounted

plafonnier - deckenaufbau - plafond opbouw
montaje a techo - soffitto



suspended

suspension - abgependelt - pendeltoestellen
suspendida suspendo



stand alone

lampe à poser - freistehend - vrijstaand
lampara de mesa a piantana



inground uplight

Encastré sol - Bodeneinbauleuchten - inbouw vloerspots
lampada da incasso nel pavimento - incassi suolo



exterior

éclairage extérieur - Aussenleuchten - buitenverlichting
illuminazione per esterni - iluminación exterior



profiles

profilés - Profile - Profielsystemen - profili - perfiles



track lighting

éclairage sur rail - Track Schiene - railverlichting
Illuminazione a binario - Iluminación para carril





the collection

Configure the Orbital conform to your wishes.

ORBITAL
WE WENT THE DISTANCE

ORBITAL

THREE IN ONE



CONVENTIONAL VALVE
VENTILATION



CONVENTIONAL
SPOT



EMERGENCY
LIGHTING



ORBITAL

WE WENT THE DISTANCE

One futuristic lighting fixture has it all.

With the aesthetics in mind, every project has the same difficulty: where do we have to install (or hide) the visually unappealing ventilation holes that harm the pureness of the interior. TAL has developed the answer with the Orbital range; well-engineered devices with a refined and elegant look that simply combine the ventilation system with a downlight.

Orbital is the perfect tool for any project and suits a great variety of applications. High-end lighting merged with ventilation, as well as sound, smoke and motion detection. A standard downlight can turn into an extensive toolbox, to which you can simply add your desired features. Its smooth curves blend into the architecture for optimal visual comfort.

The Orbital is available in a standard version (installation via leaf springs) and a trimless version (installation via dedicated frame) that merges flush with the ceiling. The device comes in textured white or textured black powder coated finish.

The basic light comes from the outer circle of any Orbital device and provides a profitable efficacy of 150 lumens per watt, which leads to +1000 lumens. The Orbital can be equipped with leds with a colour temperature of 2700K & 3000K and also with the halosphere technology (dim to warm).

The innovative Orbital with integrated ventilation turns your home or office into a healthy environment. Choose between the throughflow or flow control system to create movement of purified air, beneficial to your indoor climate and extends the lifespan of the general light. A smooth designed union of lighting with high quality ventilation in aluminum casing leads to a cost effective and durable product.

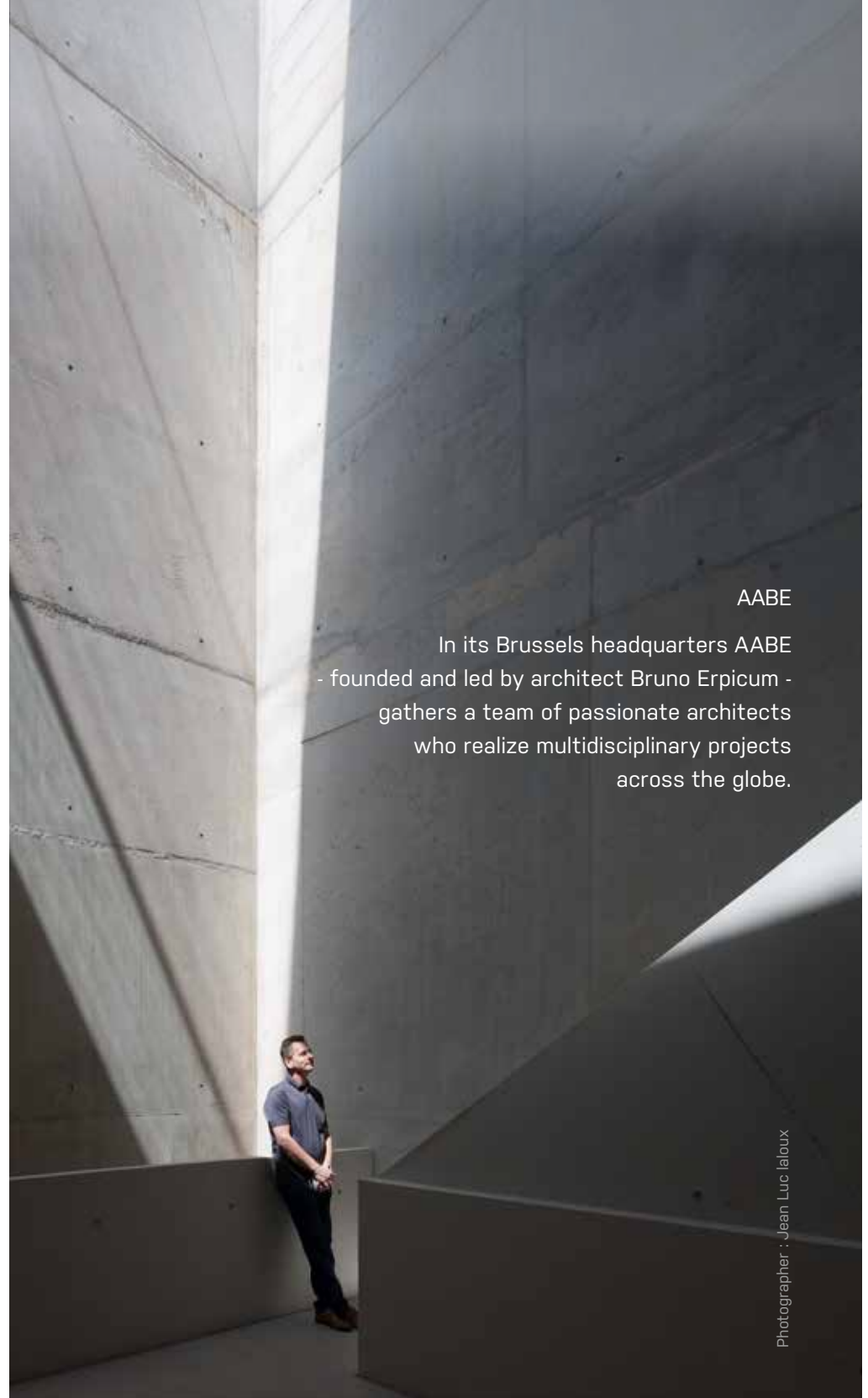
by *Erpicum*

**Modern Architecture is limitless.
Throughout the process
of designing a product
– from the basic concept to
determining the smallest detail –
the ambition should remain the same:
eliminate all redundant elements
in view of retaining only the essential.**

More than 30 years of experience have resulted in the realization of different types of projects including private dwellings set in an urban context, secluded villa's located on a remote hilltop yet also buildings with a more public function such as museums, office buildings, hotels, commercial real estate, etc.

The numerous publications and awards granted to AABE underpin the worldwide appreciation for the Atelier's architectural philosophy.

The Atelier consists of 15 architects and is hence big enough to master multidisciplinary projects, yet small enough to function as a team collaborating to achieve a unique project - time and time again.



AABE

In its Brussels headquarters AABE
- founded and led by architect Bruno Erpicum -
gathers a team of passionate architects
who realize multidisciplinary projects
across the globe.

ABOUT THE DESIGNER

Bruno Erpicum

"Eliminate all redundant in view
of retaining only the essential."



ORBITAL

A ceiling represents the sky of a room. Almost never decorated nor 'littered' with furniture but instead often the only free surface in a room. And yet, very little attention is paid to the design of a ceiling. Lighting, aeration, music, AC, movement detectors, etc. The panoply of techniques required in today's rooms, leads to the fact that 'designing' the ceiling in a uniform color is often the highest achievable goal.

The architects at the Brussels' based studio Bruno Erpicum, have been dreaming for many years about a uniform and standard object that integrates all of the abovementioned techniques and has found the perfect partner in lighting company TAL to realize this objective. The ambition was clear from the start: designing a basic object that hides all of these techniques from the eye.

The Orbital was created: a minimalistic cylinder integrating a wide array of techniques in an ingenious manner.

The result: a pristine ceiling whereby merely a few vacant cut-aways cluster the techniques.

Ratio? There is more in less.

VENTILATION
FLOW CONTROL

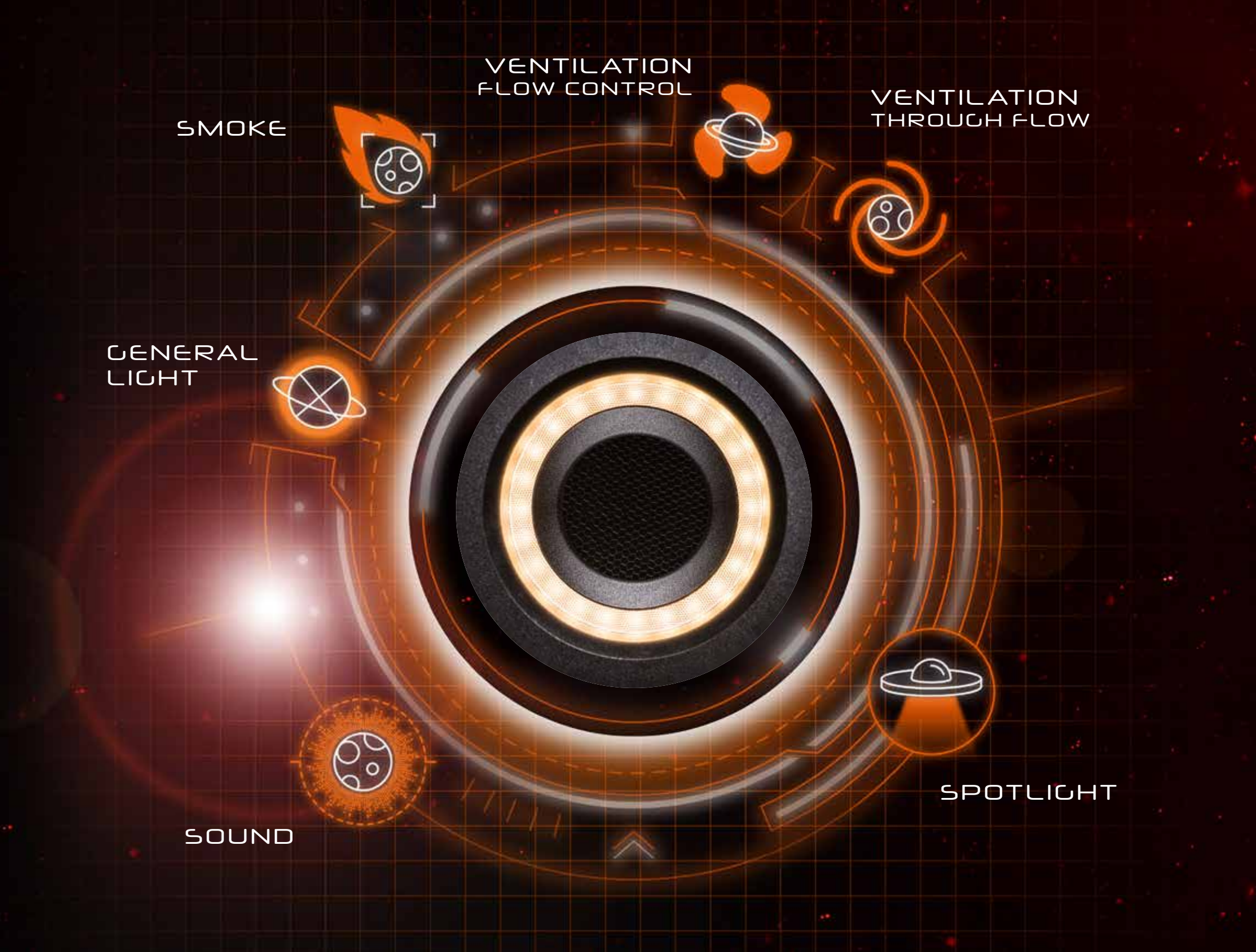
VENTILATION
THROUGH FLOW

SMOKE

GENERAL
LIGHT

SPOTLIGHT

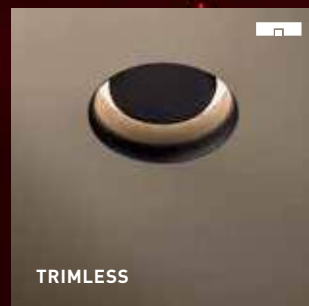
SOUND



ORBITAL

TAL
TECHNICAL
ARCHITECTURAL
LIGHTING

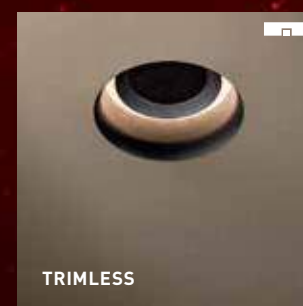
by *Epicum*



ORBITAL
+ FLOW CONTROL 35



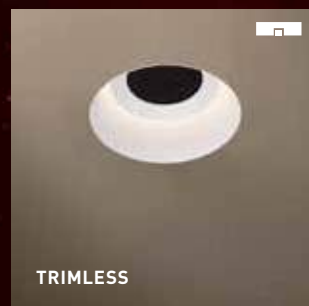
ORBITAL
+ FLOW CONTROL 43



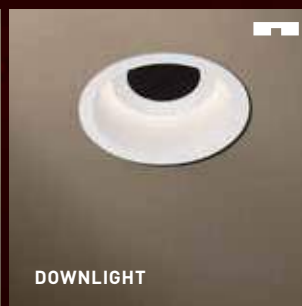
ORBITAL
+ THROUGH FLOW 37



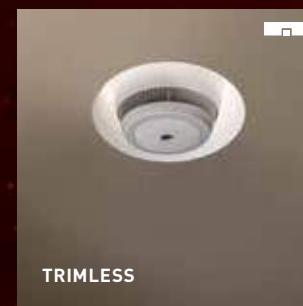
ORBITAL
+ THROUGH FLOW 45



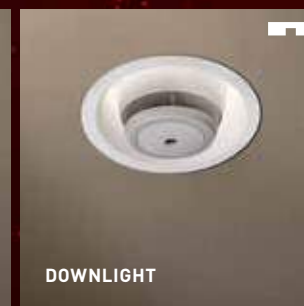
ORBITAL
+ LOUDSPEAKER 38



ORBITAL
+ LOUDSPEAKER 46



ORBITAL
+ SMOKE DETECTOR 39



ORBITAL
+ SMOKE DETECTOR 47

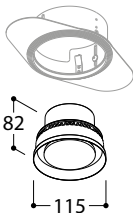
One futuristic lighting fixture has it all.

ORBITAL FLOW CONTROL

trimless



FLOW CONTROL TRIMLESS



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

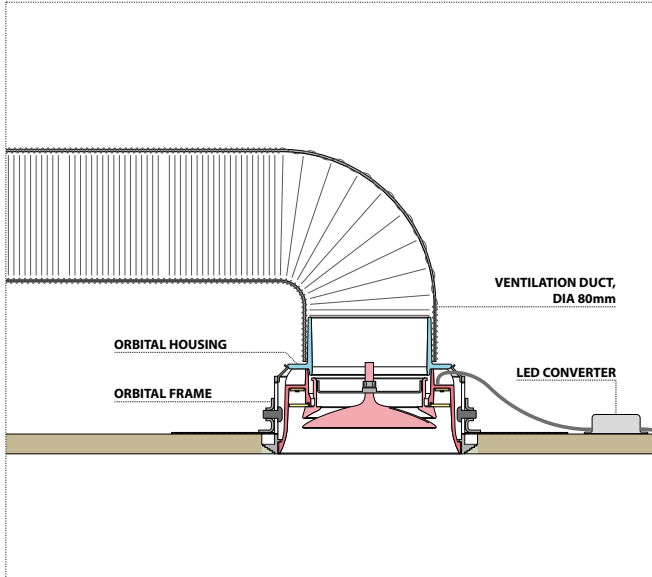
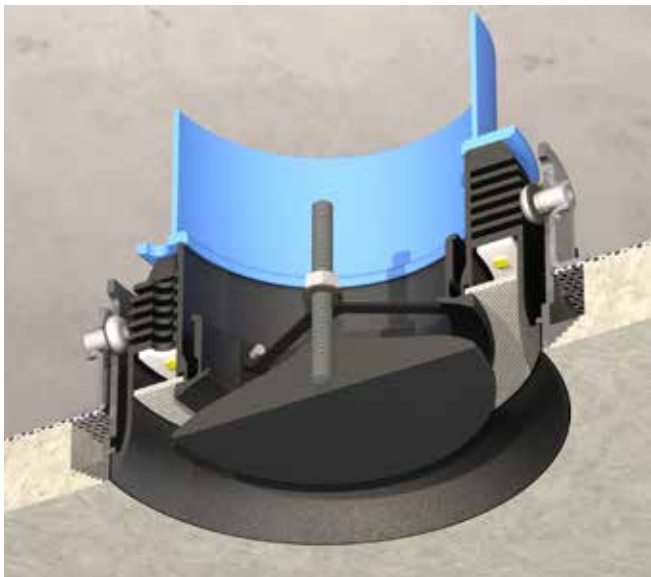
A+

140 mm
Installation height 180 mm
(when using flexible ventilation
valve ø80mm)



	2700K	3000K	HALOSPHERE
TEXT. WHITE	650247	650267	650287
TEXT. BLACK	650246	650266	650286
	1365 lumen	1400 lumen	1110 lumen

TRIMLESS FRAME 701112 140 x H 130 mm
HALOSPHERE: dim to warm 3000K-1800K



FLOW CONTROL = VENTILATION VALVE

- SUPPLY VALVE / EXTRACT VALVE
- INCORPORATED ADJUSTABLE FLOW REGULATOR

MAX FLOW (THEORETICAL)

- @V = 1,0M/S: 47M³/S
- @V = 2,0M/S: 94M³/S
- @V = 3,0M/S: 141M³/S

trimless

LIGHT ONLY (FLOW CONTROL LOOK) **ORBITAL**



○ FLOW CONTROL LOOK TRIMLESS



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

A+

⌀ 140 mm
Installation height 130 mm

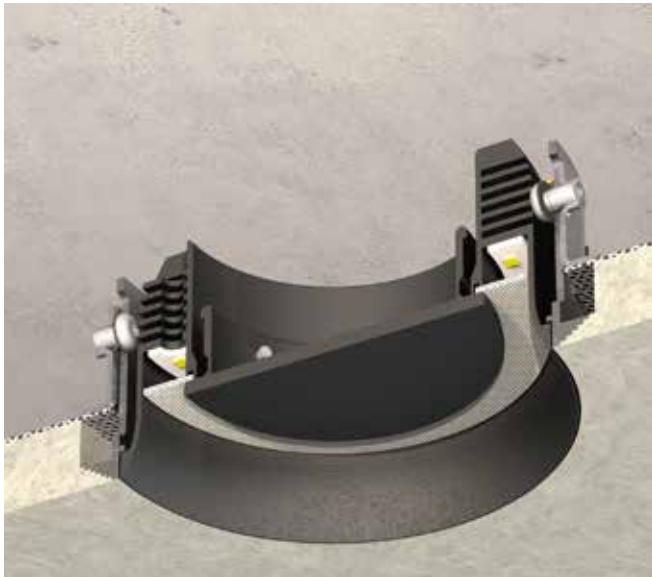


	2700K	3000K	HALOSPHERE
TEXT. WHITE	650047	650067	650087
TEXT. BLACK	650046	650066	650086
	1365 lumen	1400 lumen	1110 lumen

○ TRIMLESS FRAME

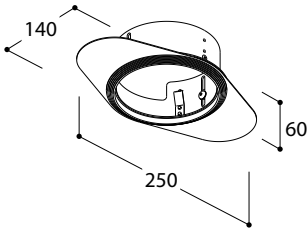
701112 ⌀140 x H 130 mm

HALOSPHERE: dim to warm 3000K-1800K



TRIMLESS FRAME

 140mm



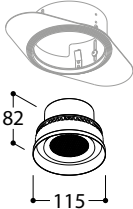
TRIMLESS FRAME **701112**

ORBITAL THROUGH FLOW

trimless



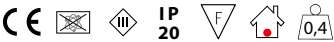
THROUGH FLOW TRIMLESS



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

A+

140 mm
Installation height 180 mm
(when using flexible ventilation
valve ø80mm)

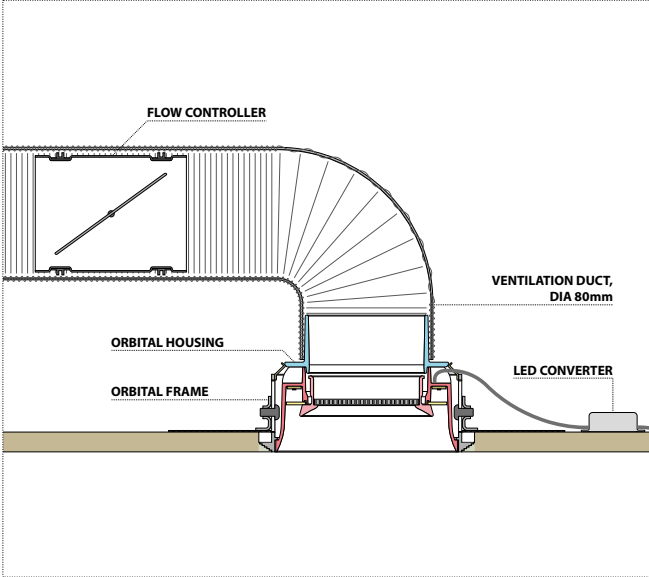
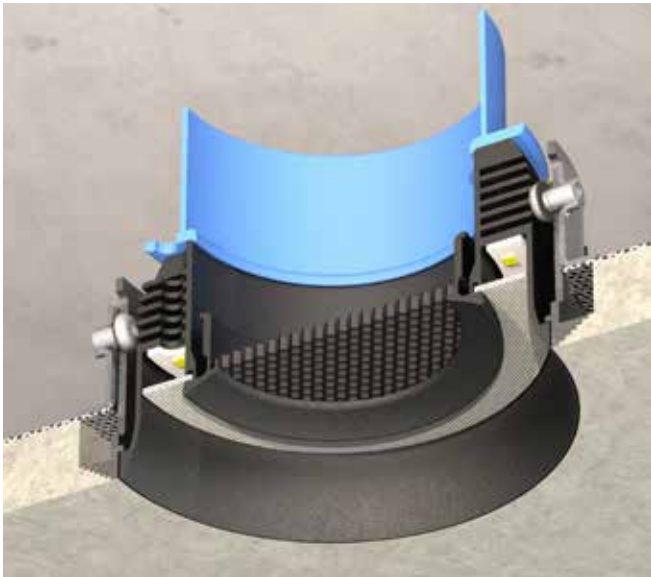


	2700K	3000K	HALOSPHERE
TEXT. WHITE	650147	650167	650187
TEXT. BLACK	650146	650166	650186
	1365 lumen	1400 lumen	1110 lumen

TRIMLESS FRAME

701112 140 x H 130 mm

HALOSPHERE: dim to warm 3000K-1800K



THROUGH FLOW = VENTILATION VALVE

- SUPPLY VALVE / EXTRACT VALVE
- FLOW REGULATOR MUST BE PROVIDED IN AIR DUCTS

MAX FLOW (THEORETICAL)

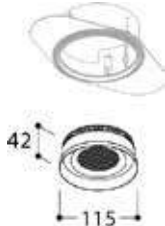
- @V = 1,0M/S: 42M³/S
- @V = 2,0M/S: 84M³/S
- @V = 3,0M/S: 126M³/S

trimless

LIGHT ONLY [THROUGH FLOW LOOK] **ORBITAL**



THROUGH FLOW LOOK TRIMLESS



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

A+

140 mm
Installation height 130 mm

CE, IP 20, F, 0,4

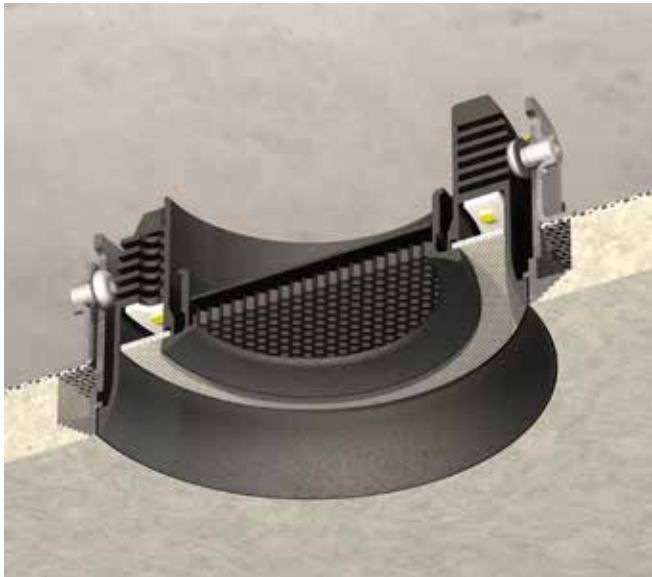
	2700K	3000K	HALOSPHERE
TEXT. WHITE	650044	650064	650084
TEXT. BLACK	650042	650062	650082
	1365 lumen	1400 lumen	1110 lumen

TRIMLESS FRAME

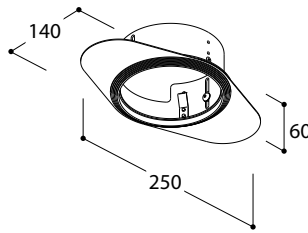
701112 140 x H 130 mm

HALOSPHERE: dim to warm 3000K-1800K

TRIMLESS FRAME



140mm



TRIMLESS FRAME	701112
----------------	--------

ORBITAL LOUDSPEAKER

trimless



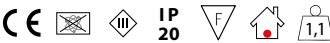
LOUDSPEAKER TRIMLESS



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

A+

140 mm
Installation height 130 mm

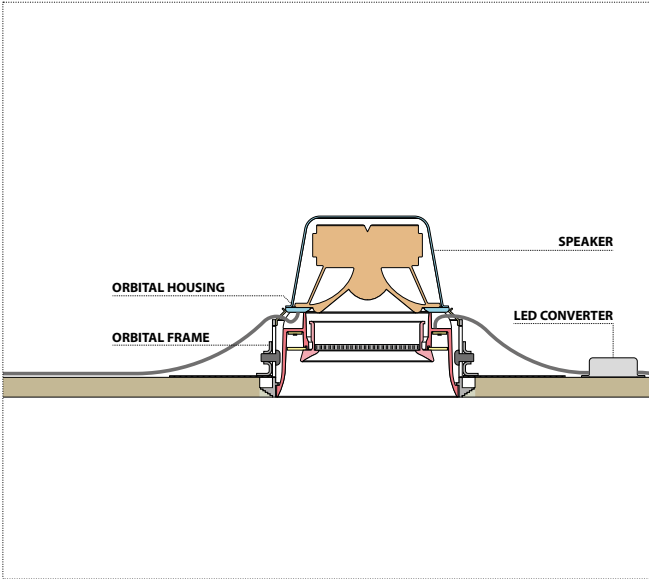
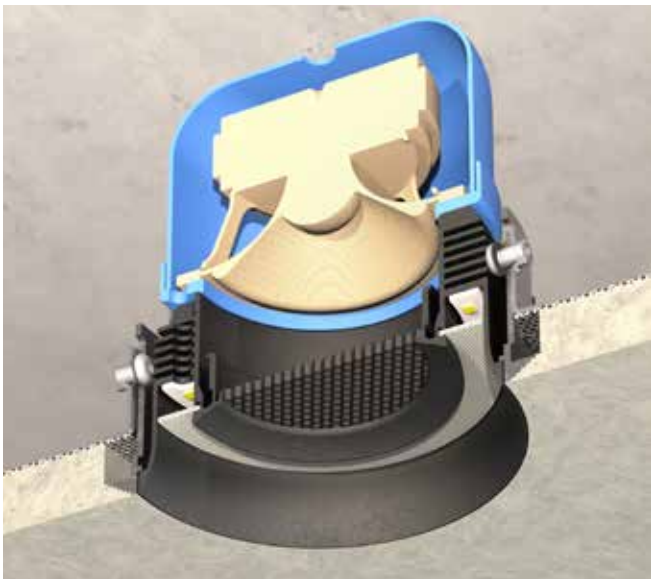


	2700K	3000K	HALOSPHERE
TEXT. WHITE	650347	650367	650387
TEXT. BLACK	650346	650366	650386
	1365 lumen	1400 lumen	1110 lumen

TRIMLESS FRAME

701112 140 x H 130 mm

HALOSPHERE: dim to warm 3000K-1800K



SOUND = 3" FULL RANGE SPEAKER

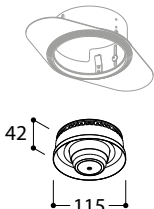
- MAX. POWER = 30W
- RATED POWER INPUT = 15W
- NOMINAL IMPEDANCE = 80HM
- DCR IMPEDANCE = 6,60HM
- SENSITIVITY 1W/1M = 88DB
- FREQUENCY RESPONSE = 75HZ-20KHZ

trimless

SMOKE DETECTOR ORBITAL



**SMOKE DETECTOR TRIMLESS**



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR (Halosphere only CCR)
beam 120°
CRI 92 (Halosphere CRI 97)



 140 mm
Installation height 130 mm

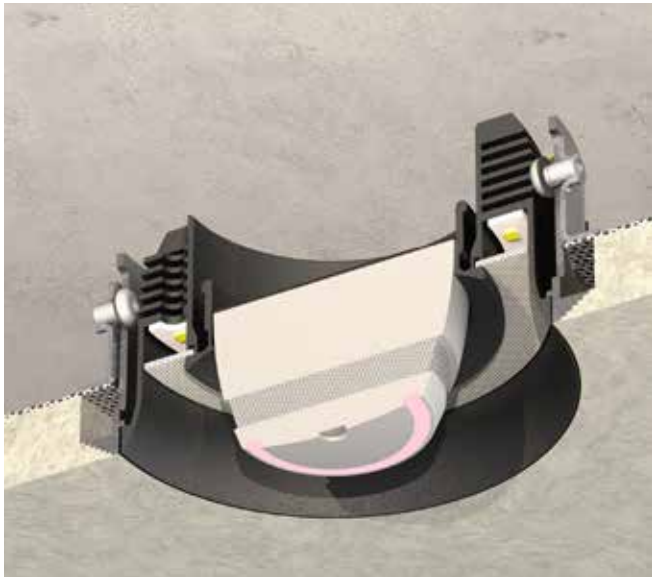


	2700K	3000K	HALOSPHERE
TEXT. WHITE	650447	650467	650487
TEXT. BLACK	650446	650466	650486
	1365 lumen	1400 lumen	1110 lumen

 **TRIMLESS FRAME**

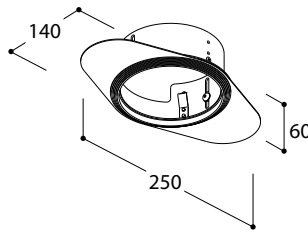
701112 140 x H 130 mm

HALOSPHERE: dim to warm 3000K-1800K



TRIMLESS FRAME

 140mm



TRIMLESS FRAME	701112
----------------	--------

SMOKE
= **OPTICAL SMOKE ALARM DEVICE**

- INTEGRATED WIRELESS INTERLINK (MAX. 32 DEVICES) - RF: 868MHZ
- REPLACABLE 3V CR123A LITHIUM BATTERY 1600MAH
- MIN. 5 YEAR BATTERY LIFE
- LOW BATTERY INDICATION
- 100M OPEN FIELD RANGE
- VISIBLE INDICATOR





*"Eliminate all redundant in view
of retaining only the essential."*

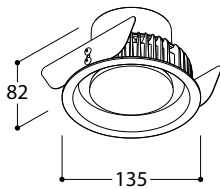


ORBITAL FLOW CONTROL

125 mm downlights



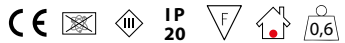
FLOW CONTROL



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

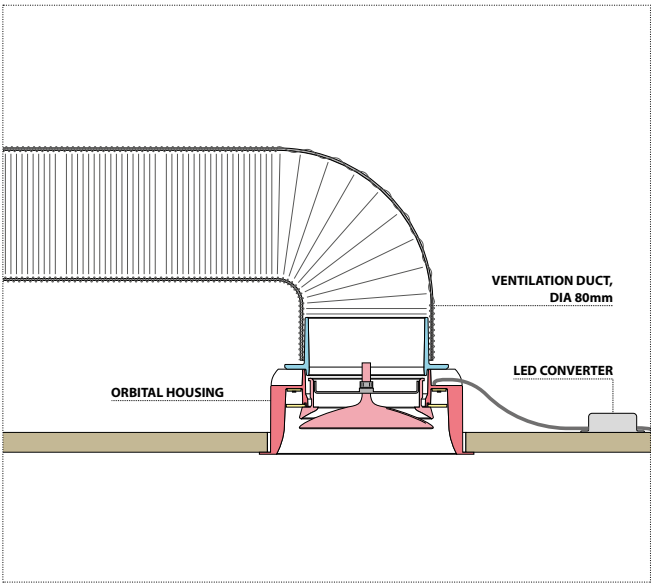
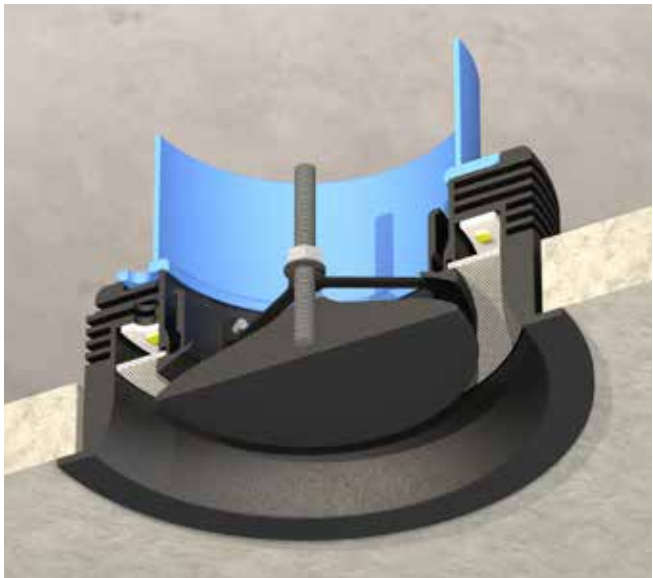
A+

125 mm
Installation height 180 mm
(when using flexible ventilation
valve ø80mm)



	2700K	3000K	HALOSPHERE
TEXT. WHITE	650747	650767	650787
TEXT. BLACK	650746	650766	650786
	1365 lumen	1400 lumen	1110 lumen

HALOSPHERE: dim to warm 3000K-1800K



FLOW CONTROL = VENTILATION VALVE

- SUPPLY VALVE / EXTRACT VALVE
- INCORPORATED ADJUSTABLE FLOW REGULATOR

MAX FLOW (THEORETICAL)

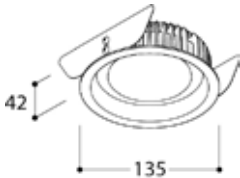
- @V = 1,0M/S: 47M³/S
- @V = 2,0M/S: 94M³/S
- @V = 3,0M/S: 141M³/S

downlights  125 mm

LIGHT ONLY (FLOW CONTROL LOOK) **ORBITAL**



FLOW CONTROL LOOK



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

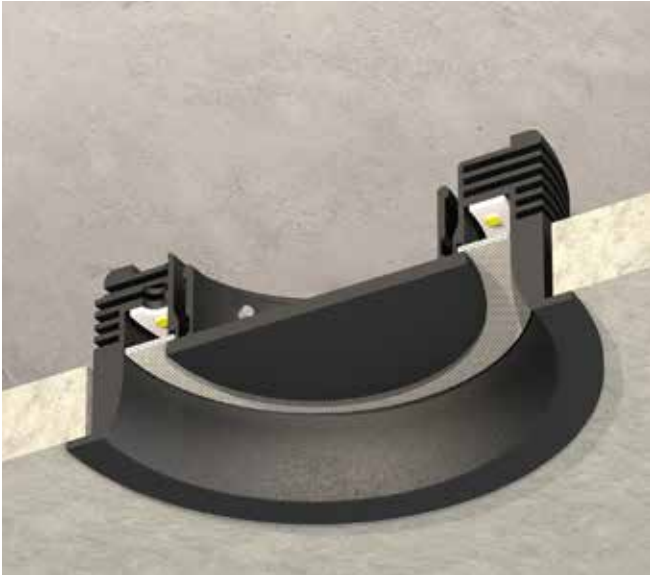
A+

 125 mm
Installation height 60 (45) mm



	2700K	3000K	HALOSPHERE
TEXT. WHITE	650547	650567	650587
TEXT. BLACK	650546	650566	650586
	1365 lumen	1400 lumen	1110 lumen

HALOSPHERE: dim to warm 3000K-1800K

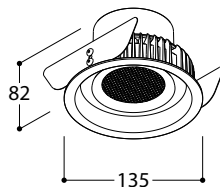


ORBITAL THROUGH FLOW

 125 mm downlights



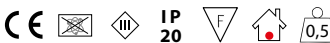
THROUGH FLOW



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

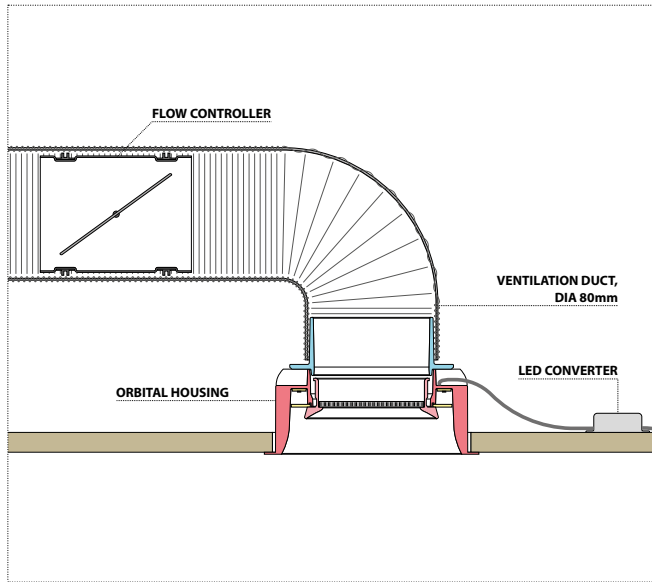
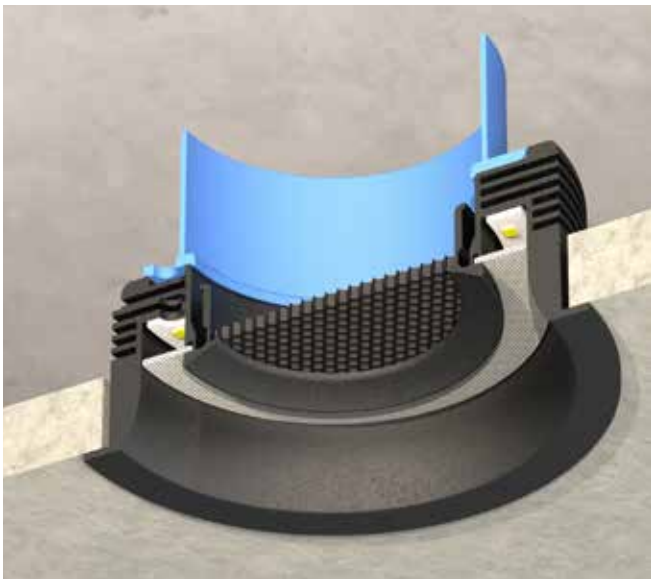
A+

 125 mm
Installation height 180 mm
(when using flexible ventilation
valve ø80mm)



	2700K	3000K	HALOSPHERE
TEXT. WHITE	650647	650667	650687
TEXT. BLACK	650646	650666	650686
	1365 lumen	1400 lumen	1110 lumen

HALOSPHERE: dim to warm 3000K-1800K



THROUGH FLOW = VENTILATION VALVE

- SUPPLY VALVE / EXTRACT VALVE
- FLOW REGULATOR MUST BE PROVIDED IN AIR DUCTS

MAX FLOW (THEORETICAL)

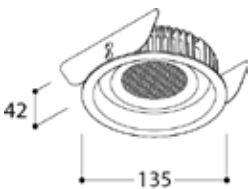
- @V = 1,0M/S: 42M³/S
- @V = 2,0M/S: 84M³/S
- @V = 3,0M/S: 126M³/S

downlights  125 mm

LIGHT ONLY [THROUGH FLOW LOOK] **ORBITAL**



THROUGH FLOW LOOK



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

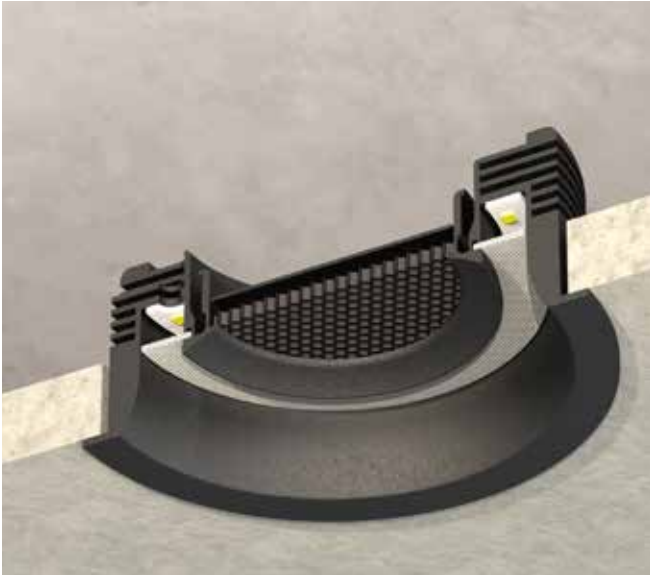
A+

 125 mm
Installation height 60 (45) mm



	2700K	3000K	HALOSPHERE
TEXT. WHITE	650544	650564	650584
TEXT. BLACK	650542	650562	650582
	1365 lumen	1400 lumen	1110 lumen

HALOSPHERE: dim to warm 3000K-1800K

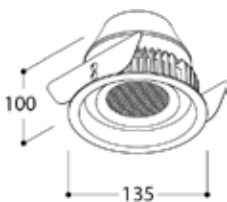


ORBITAL LOUDSPEAKER

125 mm downlights



LOUDSPEAKER



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR
(Halosphere only CCR)
beam 120°
CRI 92
(Halosphere CRI 97)

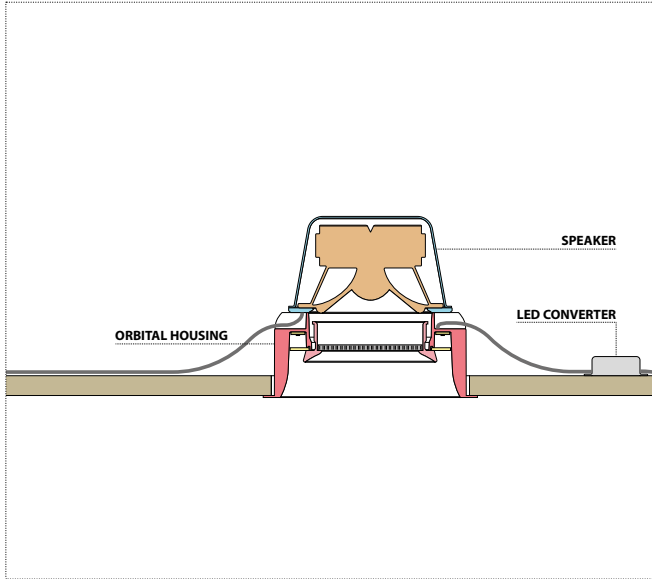
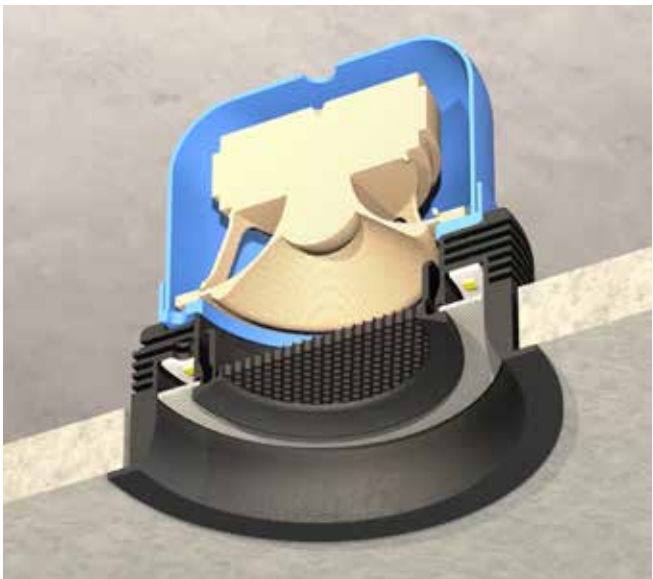
A+

125 mm
Installation height 120 (105) mm



	2700K	3000K	HALOSPHERE
TEXT. WHITE	650847	650867	650887
TEXT. BLACK	650846	650866	650886
	1365 lumen	1400 lumen	1110 lumen

HALOSPHERE: dim to warm 3000K-1800K



SOUND = 3" FULL RANGE SPEAKER

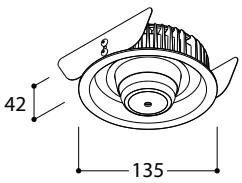
- MAX. POWER = 30W
- RATED POWER INPUT = 15W
- NOMINAL IMPEDANCE = 80HM
- DCR IMPEDANCE = 6,60HM
- SENSITIVITY 1W/1M = 88DB
- FREQUENCY RESPONSE = 75HZ-20KHZ

downlights  125 mm

SMOKE DETECTOR ORBITAL



 SMOKE DETECTOR 



ANNULAR LED ARRAY 11,4W
max. 350mA DC (32,5 Vf)
dimmable PWM or CCR (Halosphere only CCR)
beam 120°
CRI 92 (Halosphere CRI 97)

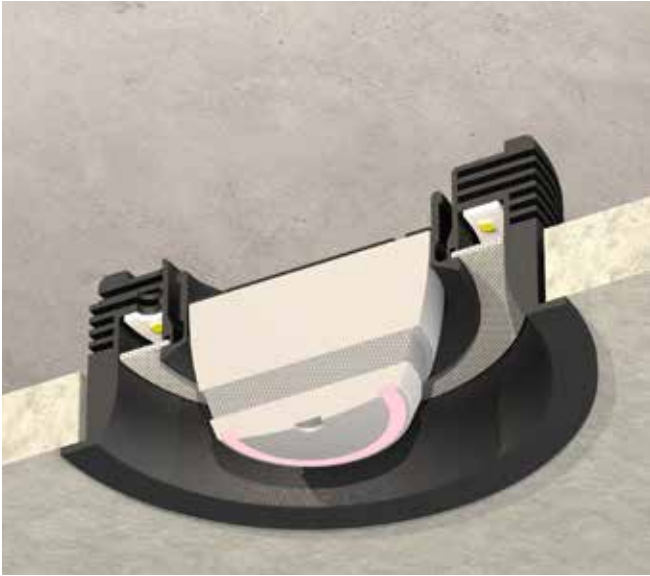
A+

 125 mm
Installation height 60 (45) mm

	2700K	3000K	HALOSPHERE
TEXT. WHITE	650947	650967	650987
TEXT. BLACK	650946	650966	650986
	1365 lumen	1400 lumen	1110 lumen

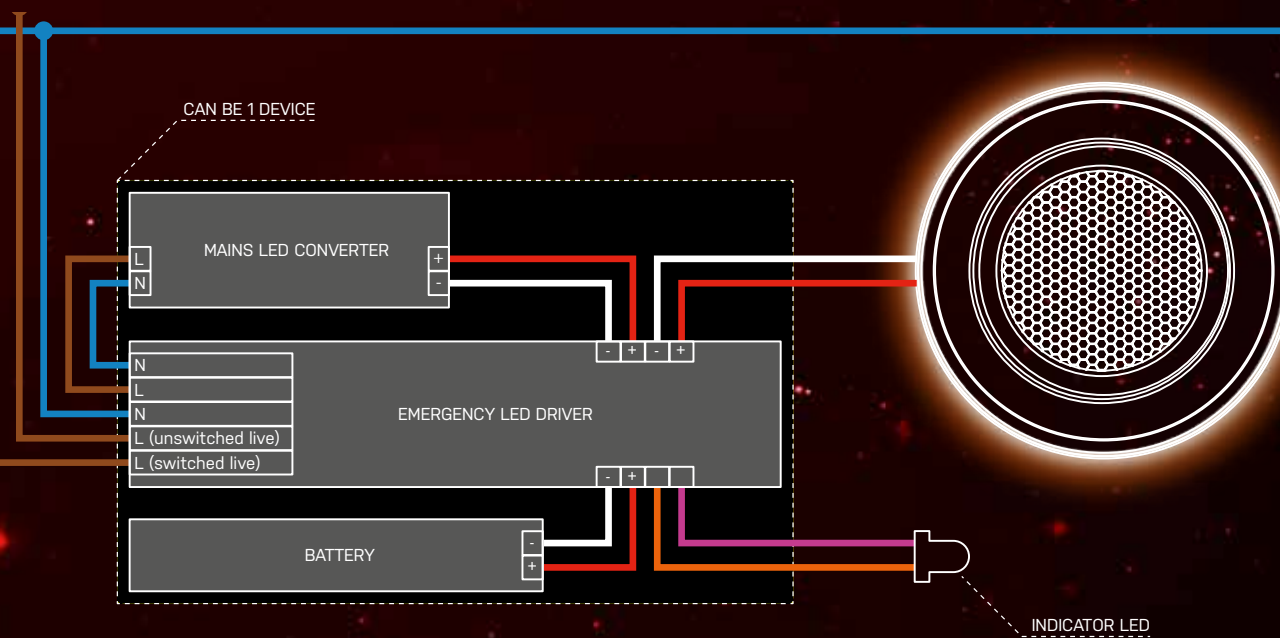
HALOSPHERE: dim to warm 3000K-1800K



SMOKE
= OPTICAL SMOKE ALARM DEVICE

- INTEGRATED WIRELESS INTERLINK (MAX. 32 DEVICES) - RF: 868MHZ
- REPLACABLE 3V CR123A LITHIUM BATTERY 1600MAH
- MIN. 5 YEAR BATTERY LIFE
- LOW BATTERY INDICATION
- 100M OPEN FIELD RANGE
- VISIBLE INDICATOR

WIRING DIAGRAM ORBITAL + EMERGENCY



BASIC VALVES **ORBITAL**



**ORBITAL BASIC TRIMLESS
FLOW CONTROL
(VENTILATION VALVE)**

	NO LIGHT
TEXT. WHITE	650207
TEXT. BLACK	650206
ORDER/INFO: WWW.ELEKTRENDS.BE	



**ORBITAL BASIC TRIMLESS
THROUGH FLOW
(VENTILATION VALVE)**

	NO LIGHT
TEXT. WHITE	650107
TEXT. BLACK	650106
ORDER/INFO: WWW.ELEKTRENDS.BE	



**ORBITAL BASIC LEAF
FLOW CONTROL
(VENTILATION VALVE)**

	NO LIGHT
TEXT. WHITE	650707
TEXT. BLACK	650706
ORDER/INFO: WWW.ELEKTRENDS.BE	



**ORBITAL BASIC LEAF
THROUGH FLOW
(VENTILATION VALVE)**

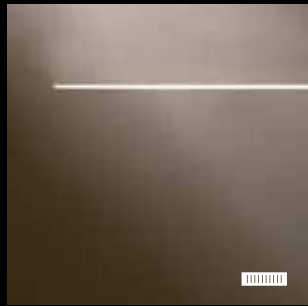
	NO LIGHT
TEXT. WHITE	650607
TEXT. BLACK	650606
ORDER/INFO: WWW.ELEKTRENDS.BE	

TAL ARCHITECTURAL LIGHTING & ELEK TRENDS PRODUCTIONS

Orbital is the result of a collaboration between 2 different companies, each being a specialist in its domain. TAL as specialist in architectural lighting has taken care of the lighting concept, ETP as specialist in mechanical ventilation has taken care of the ventilation part. Orbital is the symbiosis of lighting and ventilation.



trimless



1U FLUSH 434



DREBBEL 54



INCAS 61



INTANA 57



MICRO INCAS 3 58



MINI INTANA XICATO 56



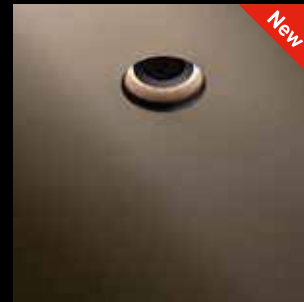
MINI PROJEXXAR 65



MINI RASPUTIN 66



MINI TOMMY 70



ORBITAL 33



TOMMY 74





DREBBEL HALOLED

trimless



halo led DREBBEL FERMACELL 0° HALOLED

LUXEON M 7,84W
max. 700mA DC (11,2 Vf)
dimnable PWM or CCR
755 lumen
beam 36°

A+

200 x 200 mm
Installation height 105 mm

CE, RoHS, ENEC, IP 20, F, Home, 0,3

	2700K	3000K
TEXT. WHITE	132348	132349
TEXT. BLACK	132327	132328
GOLD ANO	132314	132315

CONVERTER p.560

halo led DREBBEL PLASTERKIT 0° HALOLED

LUXEON M 7,84W
max. 700mA DC (11,2 Vf)
dimnable PWM or CCR
755 lumen
beam 36°

A+

111* mm
Installation height 105 mm

CE, RoHS, ENEC, IP 20, F, Home, 0,3

	2700K	3000K
TEXT. WHITE	132648	132649
TEXT. BLACK	132627	132628
GOLD ANO	132614	132615

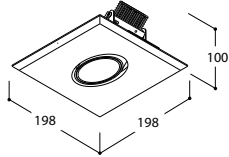
*DIA111 when using plasterkit in plasterboard (hollow ceilings)
diameter 100 - when using plasterkit in combination with solid ceilings

trimless

DREBBEL HALOLED



 **DREBBEL FERMACELL 45° HALOLED**  



LUXEON M 7,84W
max. 700mA DC (11,2 Vf)
dimnable PWM or CCR
755 lumen
beam 36°

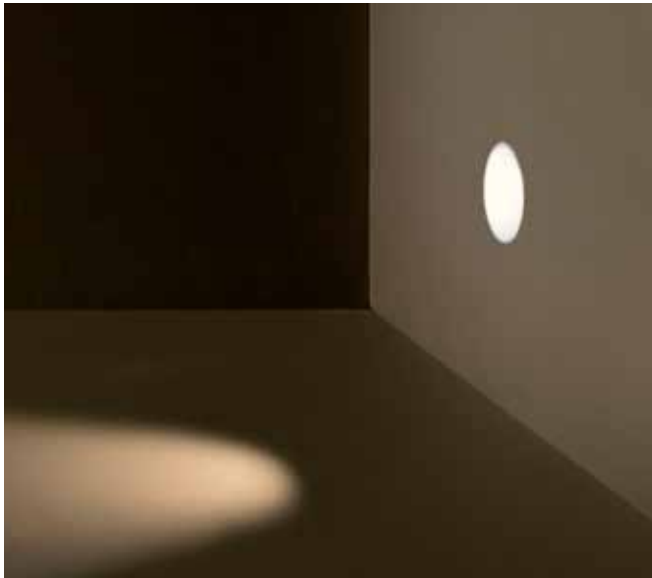
A⁺

 200 x 200 mm
Installation height 105 mm

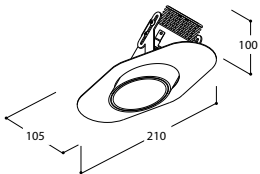
   **IP 20**   

	2700K	3000K
TEXT. WHITE	132548	132549
TEXT. BLACK	132527	132528
GOLD ANO	132514	132515

CONVERTER p.560



 **DREBBEL PLASTERKIT 45° HALOLED**  



LUXEON M 7,84W
max. 700mA DC (11,2 Vf)
dimnable PWM or CCR
755 lumen
beam 36°

A⁺

 111* mm
Installation height 105 mm

   **IP 20**   

	2700K	3000K
TEXT. WHITE	132848	132849
TEXT. BLACK	132827	132828
GOLD ANO	132814	132815

*DIA111 when using plasterkit in plasterboard (hollow ceilings)
125 x 80 - when using plasterkit in combination with solid ceilings

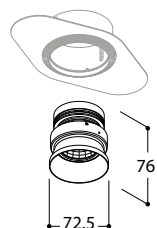
CONVERTER p.560



MINI INTANA XICATO

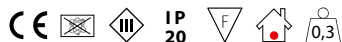


MINI INTANA XICATO ARTIST



XICATO XTM 6,3W
350mA (18,1Vf)
dimmable PWM or CCR
720 Lumen
beam 40°
CRI 97

A⁺



	2700K	3000K
TEXT. WHITE	123147	123148
TEXT. BLACK	123126	123127

Other Xicato modules on request

Xicato
Making sense with LEDs

CONVERTER p.554



trimless

INTANA



INTANA BEAUFORT

CITIZEN 6,22W
MAX 180mA DC (34,6 Vf)
dimmable PWM or CCR
758 lumen
CRI 92
beam 36°
↻ 359° ↻ 30°

140 mm
Installation height 130 mm

	2700K	3000K
TEXT. WHITE	133847	133857
TEXT. BLACK	133826	133836

INTANA FRAME 701111 140 mm

CONVERTER p.552 GU10 versions: see website



INTANA HALOLED

LUXEON M 7,84W
max. 700mA DC (11,2 Vf)
dimmable PWM or CCR
755 lumen
beam 36°
↻ 359° ↻ 15°

140 mm
Installation height 130 mm

	2700K	3000K
TEXT. WHITE	133807	133817
TEXT. BLACK	133806	133816

INTANA FRAME 701111 140 mm

CONVERTER p.560



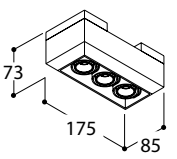
MICRO INCAS 3

trimless




MICRO INCAS 3





LUXEON M LED (3x) 3,82W
 350mA DC
 3x 400 Lumen
 beam 36°
 35° ± 20°

A++

 177 x 87 mm
 Installation height 80 mm









	2700K	3000K
TEXT. WHITE	419847	419837
TEXT. BLACK	419826	419816
TEXT. BLACK + TEXT. WHITE FOCUS	419895	419885
TEXT. WHITE + TEXT. BLACK FOCUS	419894	419884
BLACK + GOLD	419896	419886

Reference numbers are for Box + Module

CONVERTER p.554



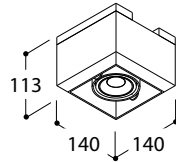




INCAS BEAUFORT



INCAS 1 BEAUFORT

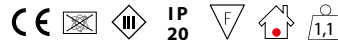


CITIZEN 6,22W
180mA DC [34,6 Vf]
dimmable PWM or CCR
758 lumen
CRI 92
beam 36°
30°

A++

142 x 142 mm

Installation height 120 mm



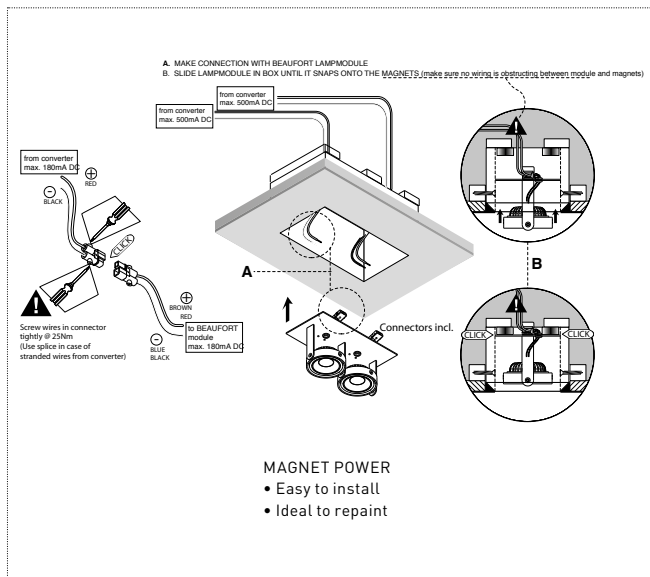
	2700K	3000K
BOX + MODULE TEXT. WHITE	935130	935131
BOX + MODULE TEXT. BLACK	935136	935132
BOX	935830	935830
MODULE TEXT. WHITE	935160	935161
MODULE TEXT. BLACK	935166	935162



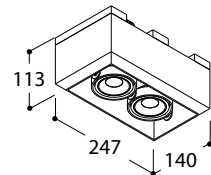
CONVERTER p.552

GU10 versions: see website

HOW TO INSTALL INCAS BEAUFORT



INCAS 2 BEAUFORT

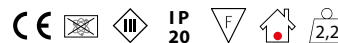


CITIZEN (x2) 6,22W
180mA DC [34,6 Vf]
dimmable PWM or CCR
2x 758 lumen
CRI 92
beam 36°
30°

A++

249 x 142 mm

Installation height 120 mm



	2700K	3000K
BOX + MODULE TEXT. WHITE	935230	935231
BOX + MODULE TEXT. BLACK	935236	935232
BOX	935930	935930
MODULE TEXT. WHITE	935260	935261
MODULE TEXT. BLACK	935266	935262



CONVERTER p.552

GU10 versions: see website



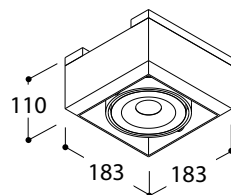


trimless

INCAS BEAUFORT²



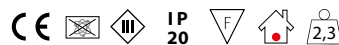
INCAS 1 BEAUFORT²



CITIZEN 18W
max. 500mA DC
2000 lumen
dimmable PWM or CCR
30°

A++

185 x 185 mm
Installation height 120 mm



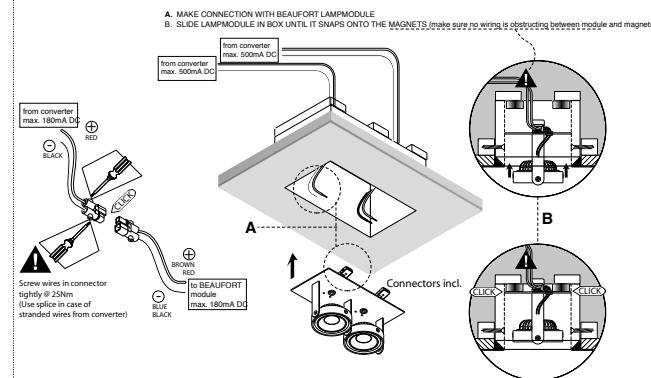
	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	935154	935134	935155	935135
TEXT. BLACK	935157	935137	935158	935138



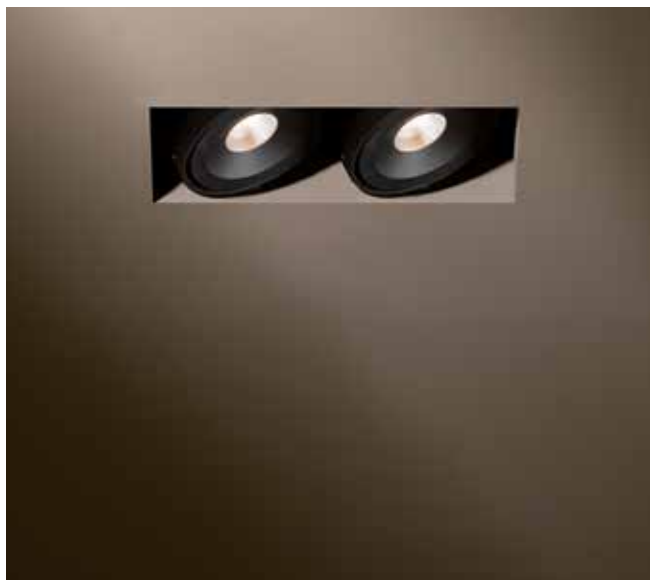
CONVERTER p.556



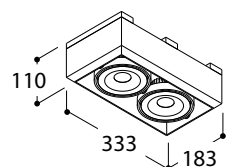
HOW TO INSTALL INCAS BEAUFORT²



MAGNET POWER
• Easy to install
• Ideal to repaint



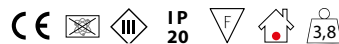
INCAS 2 BEAUFORT²



CITIZEN 2 x 18W
max. 500mA DC
2 x 2000 lumen
dimmable PWM or CCR
30°

A++

185 x 335 mm
Installation height 120 mm



	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	935254	935234	935255	935235
TEXT. BLACK	935257	935237	935258	935238



CONVERTER p.556

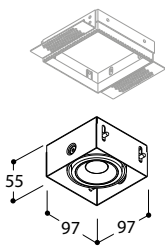


trimless

MINI PROJEXXAR BEAUFORT



 **MINI PROJEXXAR 1 BEAUFORT**



CITIZEN 6,22W
180mA DC (34,6 Vf)
dimmable PWM or CCR
758 lumen
CRI 92
beam 36°
↻ 30° ↕ 30°

A++

CE      

	2700K	3000K
TEXT. WHITE	409527	409537
TEXT. BLACK	409526	409536

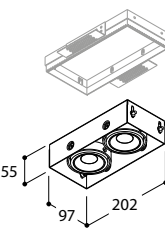
⦿ INSTALLATION FRAME FOR PLASTER **409199** 110 x 110 x 60 mm



CONVERTER p.552



 **MINI PROJEXXAR 2 BEAUFORT**



CITIZEN (x2) 6,22W
180mA DC (34,6 Vf)
dimmable PWM or CCR
2x 758 lumen
CRI 92
beam 36°
↻ 30° ↕ 30°

A++

CE      

	2700K	3000K
TEXT. WHITE	409627	409637
TEXT. BLACK	409626	409636

⦿ INSTALLATION FRAME FOR PLASTER **409299** 215 x 110 x 60 mm



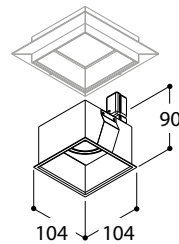
CONVERTER p.552

MINI RASPUTIN

trimless



MINI RASPUTIN 1 BEAUFORT



CITIZEN 6,22W
max. 180mA DC (34,6 Vf)
dimmable PWM or CCR
758 lumen
CRI 92
beam 36°
↻ 359° ↻ 30°

A++



	2700K	3000K
TEXT. WHITE	211318	211328
TEXT. BLACK	211326	211336

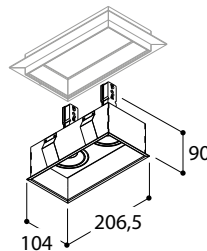
- ◉ INSTALLATION FRAME FOR PLASTER **702512** 112 x 112 x 95 mm
- ◉ INSTALLATION BOX FOR VISIBLE CONCRETE **702210** 200 x 235 x 180 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702212** 220 x H 95 mm
- ◉ SURFACE KIT SMALL 1 CI 6,6W TEXT. WHITE **793128** p.242
- ◉ SURFACE KIT SMALL 1 CI 6,6W TEXT. BLACK **793136** p.242

CONVERTER p.552

GU10 versions: see website



MINI RASPUTIN 2 BEAUFORT



CITIZEN (x2) 6,22W
max. 180mA DC (34,6 V)
dimmable PWM or CCR
2x 758 lumen
CRI 92
beam 36°
↻ 359° ↻ 30°

A++



	2700K	3000K
TEXT. WHITE	211418	211428
TEXT. BLACK	211426	211436

- ◉ INSTALLATION FRAME FOR PLASTER **702522** 213 x 112 x 95 mm
- ◉ INSTALLATION FRAME + BOX FOR VISIBLE CONCRETE **702220** 260 x 235 x 180 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702222** 2x 220 x H 95 mm
- ◉ SURFACE KIT SMALL 2 CI 13,2W TEXT. WHITE **793228** p.242
- ◉ SURFACE KIT SMALL 2 CI 13,2W TEXT. BLACK **793236** p.242

CONVERTER p.552

GU10 versions: see website



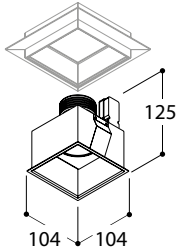


trimless



MINI RASPUTIN

hal led MINI RASPUTIN 1 HALOLED



LUXEON M 7,84W
max. 700mA DC (11,2 Vf)
dimmable PWM or CCR
755 lumen
beam 36°
↻ 359° ↻ 30°

A⁺

CE   **IP 20**    0,6

	2700K	3000K
TEXT. WHITE	211407	211417
TEXT. BLACK	211406	211416

⦿ INSTALLATION FRAME FOR PLASTER **720199** 112 x 112 x 130 mm

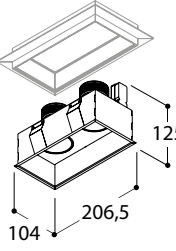
⦿ INSTALLATION FRAME + BOX FOR VISIBLE CONCRETE **702210** 200 x 235 x 180 mm

⦿ FRAME FOR PLASTERED CONCRETE (3 MM) **702212** 220 x H 130 mm

CONVERTER p.560

 GU10 versions: see website

hal led MINI RASPUTIN 2 HALOLED



LUXEON M 7,84W (X2)
max. 700mA DC (11,2 Vf)
dimmable PWM or CCR
2x 755 lumen
beam 36°
↻ 359° ↻ 30°

A⁺

CE   **IP 20**    1,1

	2700K	3000K
TEXT. WHITE	211507	211517
TEXT. BLACK	211506	211516

⦿ INSTALLATION FRAME FOR PLASTER **720299** 213 x 112 x 130 mm

⦿ INSTALLATION FRAME + BOX FOR VISIBLE CONCRETE **702220** 260 x 235 x 180 mm

⦿ FRAME FOR PLASTERED CONCRETE (3 MM) **702222** 2x 220 x H 130 mm

CONVERTER p.560

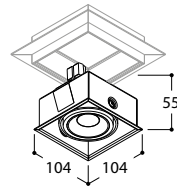
 GU10 versions: see website

MINI TOMMY BEAUFORT

trimless

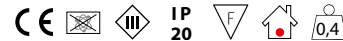


MINI TOMMY 1 BEAUFORT



CITIZEN 6,22W
max. 180mA DC (34,6 Vf)
dimmable PWM or CCR
758 lumen
CRI 92
beam 36°
↻ 30° ↻ 30°

A++



	2700K	3000K
TEXT. WHITE	109107	109117
TEXT. BLACK	109106	109116
BLACK + GOLD	109186	109196

- ◉ INSTALLATION FRAME FOR PLASTER **702512** 112 x 112 x 60 mm
- ◉ INSTALLATION BOX FOR VISIBLE CONCRETE **702210** 200 x 235 x 180 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702212** 220 x H 60mm
- ◉ SURFACE KIT SMALL 1 CI 6,6W TEXT. WHITE **793128** p.242
- ◉ SURFACE KIT SMALL 1 CI 6,6W TEXT. BLACK **793136** p.242

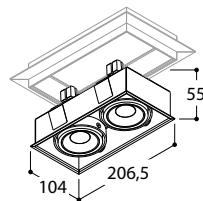


CONVERTER p.552

GU10 versions: see website

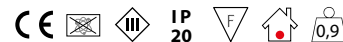


MINI TOMMY 2 BEAUFORT



CITIZEN (x2) 6,22W
max. 180mA DC (34,6 V)
dimmable PWM or CCR
2x 758 lumen
CRI 92
beam 36°
↻ 30° ↻ 30°

A++



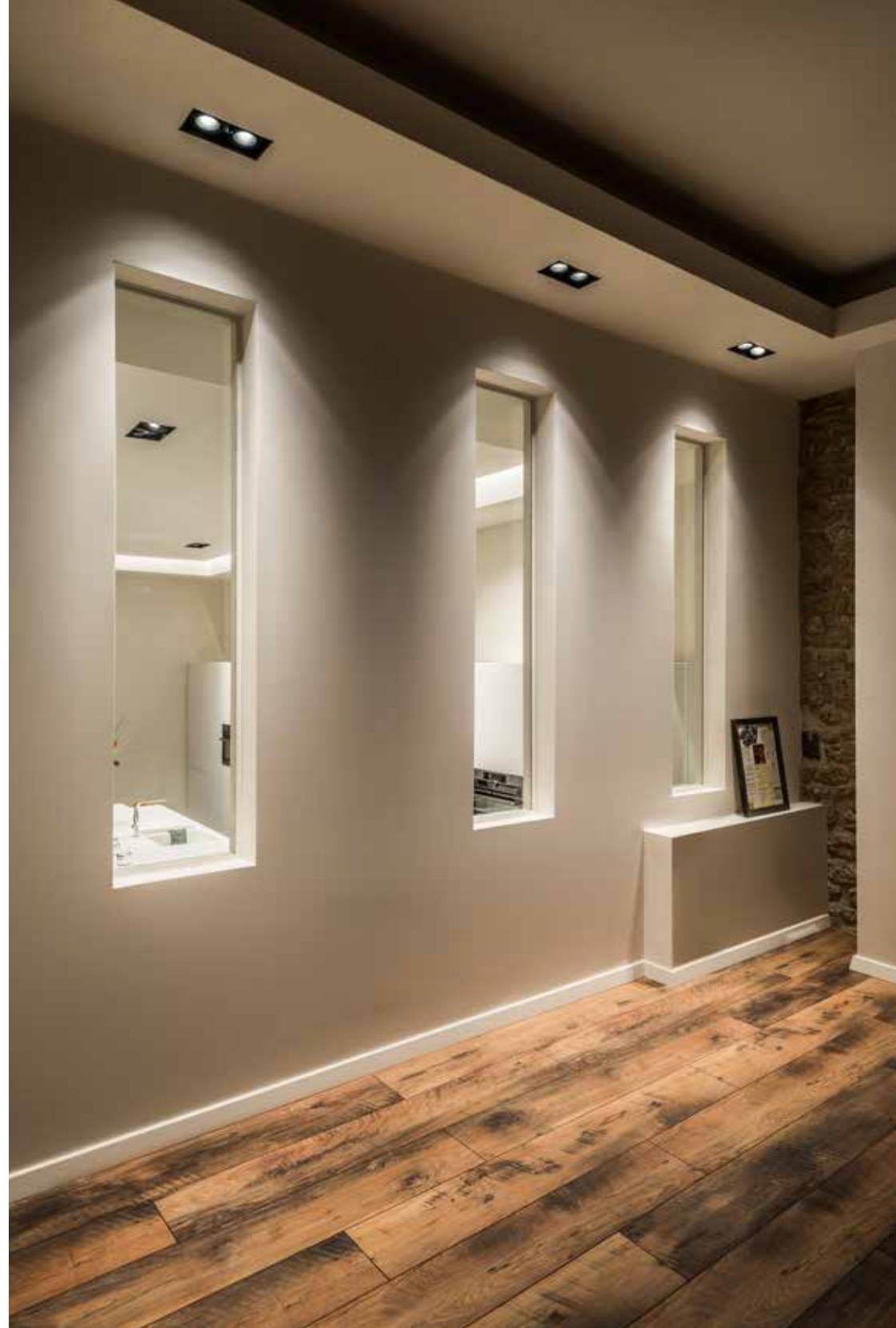
	2700K	3000K
TEXT. WHITE	109207	109217
TEXT. BLACK	109206	109216
BLACK + GOLD	109286	109296

- ◉ INSTALLATION FRAME FOR PLASTER **702522** 213 x 112 x 60 mm
- ◉ INSTALLATION BOX FOR VISIBLE CONCRETE **702220** 260 x 235 x 180 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702222** 2x 220 x H 60mm
- ◉ SURFACE KIT SMALL 2 CI 13,2W TEXT. WHITE **793228** p.242
- ◉ SURFACE KIT SMALL 2 CI 13,2W TEXT. BLACK **793236** p.242



CONVERTER p.552

GU10 versions: see website



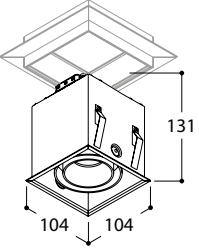


trimless

MINI TOMMY HALOLED



 MINI TOMMY TRIMLESS 1 HALOLED 



LUXEON M 7,84W
700mA
beam 36°
755 lumen
dimmable PWM or CCR
↻ 359° ↻ 30°

A+

CE, RoHS, ENEC, IP 20, F, Home, 0,6

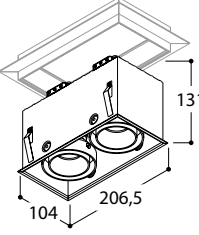
	2700K	3000K
TEXT. WHITE	117407	117417
TEXT. BLACK	117406	117416

- INSTALLATION FRAME FOR PLASTER **720199** 112 x 112 x 135 mm
- INSTALLATION FRAME + BOX FOR VISIBLE CONCRETE **702210** 200 x 235 x 180 mm
- FRAME FOR PLASTERED CONCRETE (3 MM) **702212** 220 x H 135 mm
- SURFACE KIT SMALL TEXT. WHITE **793118** p.242
- SURFACE KIT SMALL TEXT. BLACK **793126** p.242

CONVERTER p.560  GU10 versions: see website



 MINI TOMMY TRIMLESS 2 HALOLED 



LUXEON M 7,84W (x2)
700mA
beam 36°
2x 755 lumen
dimmable PWM or CCR
↻ 359° ↻ 30°

A+

CE, RoHS, ENEC, IP 20, F, Home, 1,1

	2700K	3000K
TEXT. WHITE	117507	117517
TEXT. BLACK	117506	117516

- INSTALLATION FRAME FOR PLASTER **720299** 213 x 112 x 135 mm
- INSTALLATION FRAME + BOX FOR VISIBLE CONCRETE **702220** 260 x 235 x 180 mm
- FRAME FOR PLASTERED CONCRETE (3 MM) **702222** 2x 220 x H 135 mm
- SURFACE KIT SMALL TEXT. WHITE **793218** p.242
- SURFACE KIT SMALL TEXT. BLACK **793226** p.242

CONVERTER p.560  GU10 versions: see website



TOMMY BEAUFORT²

trimless



TOMMY 1 BEAUFORT²

CITIZEN 18W
max. 500mA DC
dimnable PWM or CCR
2000 lumen
↻ 30° ↻ 30°

A++

CE, RoHS, Energy Label III, IP 20, F, Home, 1,2

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	740137	740117	740138	740118
TEXT. BLACK	108146	108136	108147	108137

- ◉ FRAME FOR PLASTER **700109** 185 x 185 x 120 mm
- ◉ FRAME + BOX FOR VISIBLE CONCRETE **702010** 230 x 305 x 170 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702012** 316 x H 120 mm
- ◉ SURFACE KIT LARGE 1 CI 500mA TEXT.WHITE **796628** p.243
- ◉ SURFACE KIT LARGE 1 CI 500mA TEXT.BLACK **796636** p.243

CONVERTER p.556



TOMMY 2 BEAUFORT²

CITIZEN (x2) 18W
max. 500mA DC
dimnable PWM or CCR
2x 2000 lumen
↻ 30° ↻ 30°

A++

CE, RoHS, Energy Label III, IP 20, F, Home, 2,3

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	740237	740217	740238	740218
TEXT. BLACK	108246	108236	108247	108237

- ◉ FRAME FOR PLASTER **700209** 337 x 185 x 120 mm
- ◉ FRAME + BOX FOR VISIBLE CONCRETE **702020** 382 x 305 x 170 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702022** 2x 316 x H 120 mm
- ◉ SURFACE KIT LARGE 2 CI 500mA TEXT.WHITE **796728** p.243
- ◉ SURFACE KIT LARGE 2 CI 500mA TEXT.BLACK **796736** p.243

CONVERTER p.556



TOMMY TORNADO 3000

trimless



TOMMY 1 TORNADO 3000

PREVALED 27W
600mA DC (45 Vf)
3000 Lumen
↻ 179° ↻ 30°

A++

CE, IP 20, F, 2.5

	3000K	4000K
TEXTURED WHITE	462147	462157
TEXTURED BLACK	462126	462136

- ◉ FRAME FOR PLASTER **700109** 185 x 185 x 220 mm
- ◉ FRAME + BOX FOR VISIBLE CONCRETE **702110** 230 x 305 x 270 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702012** 316 x H 220 mm
- ◉ TORNADO REFLECTOR SYSTEM **SEE TABLE**

Zhaga

CONVERTER p.558

TOMMY 2 TORNADO 3000

PREVALED (x2) 27W
600mA DC (45 Vf)
2 x 3000 Lumen
↻ 179° ↻ 30°

A++

CE, IP 20, F, 3.6

	3000K	4000K
TEXTURED WHITE	462247	462257
TEXTURED BLACK	462226	462236

- ◉ FRAME FOR PLASTER **700209** 337 x 185 x 220 mm
- ◉ FRAME + BOX FOR VISIBLE CONCRETE **702120** 382 x 305 x 270 mm
- ◉ FRAME FOR PLASTERED CONCRETE (3 MM) **702022** 2x 316 x H 220 mm
- ◉ TORNADO REFLECTOR SYSTEM **SEE TABLE**

Zhaga

CONVERTER p.558

TABLE REFLECTOR SYSTEM

frame for plaster

tommy trimless TORNADO
.choose color of luminaire
.choose led luminous flux (lm)
.choose led color temperature (K)

TORNADO head 4629xx
.choose color of head
.choose beamangle of reflector

	17°	24°	40°
◉ TORNADO REFL. SYSTEM			
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
◉ HONEYCOMB BLACK ANO	462900		

REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

CONVERTOR TABLE

TORNADO 3000 DRIVERS

TORNADO REMOTE CONVERTER+WIRING

non-dimmable	DALI dimmable
930650	930651
600mA DC 35W - 230V-AC	
3000 LUMEN = PASSIVE COOLING SYSTEM	

TORNADO 5000 DRIVERS

TORNADO REMOTE CONVERTER+WIRING

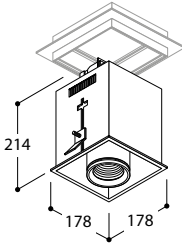
non-dimmable	DALI dimmable
930652	930653
900mA DC 50W - 230V-AC	
5000 LUMEN = ACTIVE COOLING SYSTEM	

trimless

TOMMY TORNADO 5000



TOMMY 1 TORNADO 5000



PREVALED 38,4W
900mA DC (42,6 Vf)
5000 Lumen
179° 30°

A++

CE, RoHS, ENEC, IP 20, F, 2,5

	3000K	4000K
TEXTURED WHITE	462447	462457
TEXTURED BLACK	462426	462436

○ FRAME FOR PLASTER **700109** 185 x 185 x 220 mm

○ FRAME + BOX FOR VISIBLE CONCRETE **702110** 230 x 305 x 270 mm

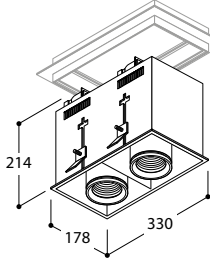
○ FRAME FOR PLASTERED CONCRETE (3 MM) **702012** 316 x H 220 mm

○ TORNADO REFLECTOR SYSTEM **SEE TABLE**

Zhaga

CONVERTER p.562

TOMMY 2 TORNADO 5000



PREVALED (x2) 38,4W
900mA DC (42,6 Vf)
2 x 5000 Lumen
179° 30°

A++

CE, RoHS, ENEC, IP 20, F, 3,6

	3000K	4000K
TEXTURED WHITE	462547	462557
TEXTURED BLACK	462526	462536

○ FRAME FOR PLASTER **700209** 337 x 185 x 220 mm

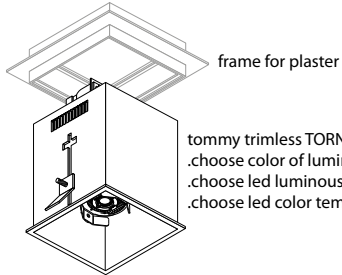
○ FRAME + BOX FOR VISIBLE CONCRETE **702120** 382 x 305 x 270 mm

○ FRAME FOR PLASTERED CONCRETE (3 MM) **702022** 2x 316 x H 220 mm

Zhaga

CONVERTER p.562

TABLE REFLECTOR SYSTEM



tommy trimless TORNADO
.choose color of luminaire
.choose led luminous flux (lm)
.choose led color temperature (K)

TORNADO head 4629xx
.choose color of head
.choose beamangle of reflector

○ TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
○ HONEYCOMB BLACK ANO	462900		

REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

CONVERTOR TABLE

TORNADO 3000 DRIVERS

TORNADO REMOTE CONVERTER+WIRING

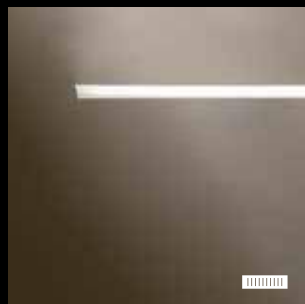
non-dimmable	DALI dimmable
930650	930651
600mA DC 35W - 230V-AC	
3000 LUMEN = PASSIVE COOLING SYSTEM	

TORNADO 5000 DRIVERS

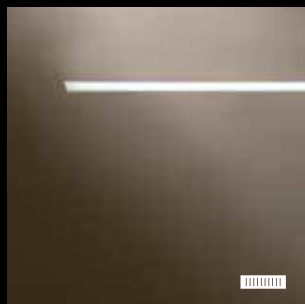
TORNADO REMOTE CONVERTER+WIRING

non-dimmable	DALI dimmable
930652	930653
900mA DC 50W - 230V-AC	
5000 LUMEN = ACTIVE COOLING SYSTEM	

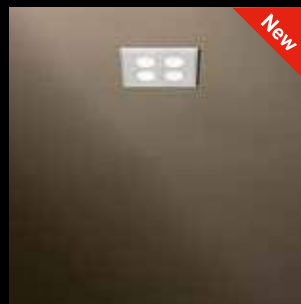
downlights



2U R 454



TAGLIO 418



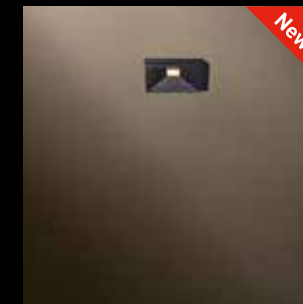
B4 134
⌀ 80 mm



CEDRUS BEAUFORT 106
⌀ 83 mm



CEDRUS QUANTUM 107
⌀ 76 mm



DICE EXO 138
⌀ 56 mm



HELAX 70 91
⌀ 70 mm



HELVA 100
⌀ 92 mm



MICRO ECLIPS 85
⌀ 56 mm



MICRO TOMMY 125
52 x 52 mm



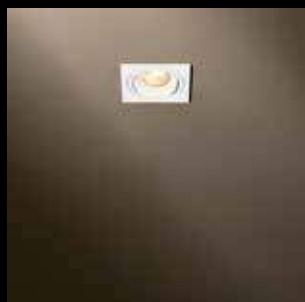
MINI HELAX 87
⌀ 40 mm



MINI HELVA XICATO 99
⌀ 74 mm



SOLID ROUND 113
⌀ 80 mm



SOLID SQUARE 115
⌀ 80 mm



SPINA 96
⌀ 70 mm



TOMMY 145
175 x 175 mm

downlights



ECLIPS 119
⌀ 105 mm



FUNNEL 108
⌀ 76 mm
⌀ 92 mm



FUNNEL EXO 110
⌀ 56 mm



HELAX HALOSPHERE 94
⌀ 80 mm



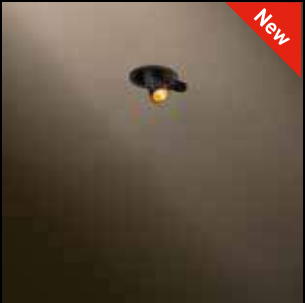
HELAX MEDIUM 88
⌀ 56 mm



HELAX SML 102
⌀ 56 mm



MINI TOMMY 140
110 x 110 mm



NOBEL SFEROS 82
⌀ 70 mm



ODILON 137
⌀ 70 mm



ORBITAL 33
⌀ 125 mm



QUAD 130
80 x 80 mm



SIMPLON 116
⌀ 82 mm

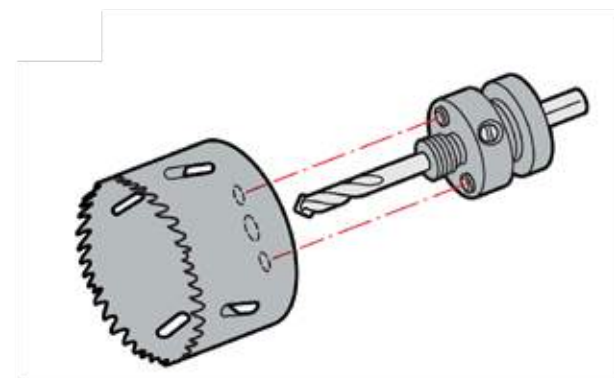
OVERVIEW ROUND CUT OUT

downlights

Dia	Fixture	Min. Recessed Depth	page
40	MINI HELAX	60	87
55	HELAX SML TORSION	65	102
56	DICE EXO	60	138
	HELAX SML LEAF	55 (70 for solid)	102
	HELAX MEDIUM	58 (70 for solid)	88
	FUNNEL EXO	65 (80 for solid)	110
	KOSMOS BASE	65	312
	MICRO ECLIPS LEAF	50 (65 for solid)	85
	MICRO ECLIPS TORSION	50	85
68	CLIO QR-C51	90	www.tal.be
	CLIO GU10	135	www.tal.be
	SIMPLON QR-C51	95	www.tal.be
	SIMPLON GU10	135	www.tal.be
	SIMPLON SPLASH	100	www.tal.be
	FIX QR-C51	90	www.tal.be
	FIX GU10	135	www.tal.be
70	HELAX QR-C51	115	www.tal.be
	HELAX 70 HALOLED	85 (100 for solid)	91
	HELAX HALOLED IP54	85 (100 for solid)	92
	NOBEL SFEROS	75	82
	ODILON LEAF	75 (85 for solid)	137
	ODILON TORSION	75	137
	SPINA HALOLED	85 (100 for solid)	96
	SPINA QR-C51	130	www.tal.be
	SPINA GU10	130	www.tal.be

Dia	Fixture	Min. Recessed Depth	page
74	MINI HELVA XICATO ARTIST	95	99
76	FUNNEL FIX	75 (90 for solid)	108
	CEDRUS QUANTUM LEAF	85 (100 for solid)	107
	CEDRUS QUANTUM TORSION	100	107
80	B4 LEAF	75 (90 for solid)	134
	B4 TORSION	75	134
	HELAX HALOSPHERE	85	95
	SOLID QR-C51	90	www.tal.be
	SOLID GU10	135	www.tal.be
	SOLID HALOLED	55 (70 for solid)	113
	ORION QR-C51	90	www.tal.be
	ORION GU10	135	www.tal.be
82	SIMPLON HALOLED TORSION	55	118
	SIMPLON HALOLED LEAF	55 (70 for solid)	118
	SIMPLON BEAUFORT TORSION	45	116
	SIMPLON BEAUFORT LEAF	45 (60 for solid)	116
83	CEDRUS GU10	125	www.tal.be
	CEDRUS GU10 TORSION	185	www.tal.be
	CEDRUS BEAUFORT	100 (125 for solid)	106
92	HELVA QR-C51	115	www.tal.be
	HELVA GU10	130	www.tal.be
	HELVA BEAUFORT TORSION	70	100
	HELVA BEAUFORT LEAF	70 (80 for solid)	100
	FUNNEL FLEX	75 (90 for solid)	108
95	HELAX SML HALOLED	85 (100 for solid)	104

105	ECLIPS BEAUFORT	70(105 for solid)	119
125	ORBITAL LIGHT ONLY-SMOKE	45	43
127	HELAX SML BEAUFORT ²	90 (105 for solid)	105
154	ECLIPS QR111	125	www.tal.be
	ECLIPS BEAUFORT ²	125	120
	ECLIPS TORNADO	220	123



DOWNLIGHTS WITH LIMITED INSTALLATION HEIGHT

(<65mm)

ROUND CUT OUT DOWNLIGHTS

Min. Recessed Height	Fixture	Page
45	 SIMPLON BEAUFORT TORSION	82 116
45 (60 for solid)	 SIMPLON BEAUFORT LEAF	82 116
50	 MICRO ECLIPS	56 85
55 (70 for solid)	 HELAX SML LEAF	55 102
55 (70 for solid)	 SOLID HALOLED	80 113
55 (70 for solid)	 SIMPLON HALOLED	82 118
58 (70 for solid)	 HELAX MEDIUM	56 88
60	 MINI HELAX	40 87
60	 DICE EXO	56 138
65	 FUNNEL EXO	56 110
65	 HELAX SML TORSION	55 102

RECTANGULAR CUT OUT DOWNLIGHTS

Min. Recessed Height	Fixture	Page
60	 MICRO TOMMY 1	52 x 52 125
60	 MICRO TOMMY 2	114 x 52 125
60	 MICRO TOMMY 3	162 x 52 125
60	 MICRO TOMMY IP54	52 x 52 129
60	 MINI TOMMY 1 BEAUFORT	110 x 110 140
60	 MINI TOMMY 2 BEAUFORT	210 x 110 140

TRIMLESS

Min. Recessed Height	Fixture	Page
60	 MINI TOMMY 1 BEAUFORT	112 x 112 70
60	 MINI TOMMY 2 BEAUFORT	213 x 112 70

NO INTERFERENCE WITH THE VAPOUR BARRIER:
IDEAL FOR SUPER INSULATED HOUSES

NOBEL SFEROS

downlights

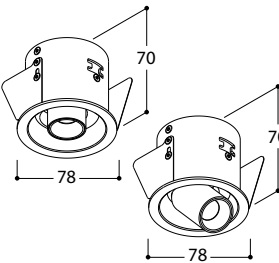


downlights  70 mm

NOBEL SFEROS



NOBEL SFEROS LEAF



LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°
↻ 359°
↕ 55° tilt

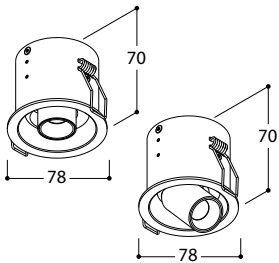
      

 70 mm
Installation height 75 (90) mm

	2700K	3000K
TEXT. WHITE	498447	498437
TEXT. BLACK	498426	498416
TEXTURED WHITE + GOLD	498492	498482
TEXT. WHITE + BLACK FOCUS	498494	498484
TEXT. BLACK + TEXT. WHITE FRONT	498495	498485
BLACK + GOLD	498496	498486

CONVERTER p.554

NOBEL SFEROS TORSION



LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°
↻ 359°
↕ 60° tilt

 70 mm
Installation height 75 mm

	2700K	3000K
TEXT. WHITE	498147	498137
TEXT. BLACK	498126	498116
TEXTURED WHITE + GOLD	498192	498182
TEXT. WHITE + BLACK FOCUS	498194	498184
TEXT. BLACK + TEXT. WHITE FRONT	498195	498185
BLACK + GOLD	498196	498186

CONVERTER p.554

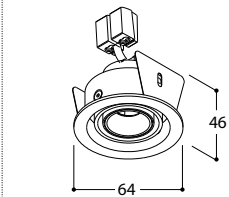




downlights  56 mm



 MICRO ECLIPS LEAF



LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°
30°

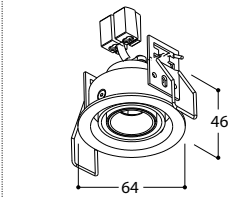


 56 mm	      	
Installation height 65 [50] mm	2700K	3000K
TEXTURED WHITE	497447	497437
TEXTURED BLACK	497426	497416
TEXT. WHITE + GOLD FOCUS	497492	497482
TEXT. WHITE + BLACK FOCUS	497494	497484
TEXT. BLACK + WHITE FRONT	497495	497485
BLACK + GOLD	497496	497486

CONVERTER p.554



 MICRO ECLIPS TORSION



LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°
30°



 56 mm	      	
Installation height 50 mm	2700K	3000K
TEXTURED WHITE	497147	497137
TEXTURED BLACK	497126	497116
TEXT. WHITE + GOLD FOCUS	497192	497182
TEXT. WHITE + BLACK FOCUS	497194	497184
TEXT. BLACK + WHITE FRONT	497195	497185
BLACK + GOLD	497196	497186

CONVERTER p.554



downlights  40 mm

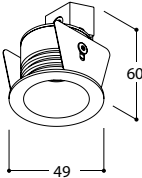
MINI HELAX



 MINI HELAX 400







LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

 40 mm
Installation height 60 mm



	2700K	3000K
TEXT. WHITE	178930	178931
TEXT. BLACK	178936	178937



p. 402



CONVERTER p.554

HELAX MEDIUM

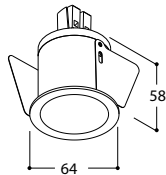
 56 mm **downlights**



 **HELAX MEDIUM**

LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen

A++



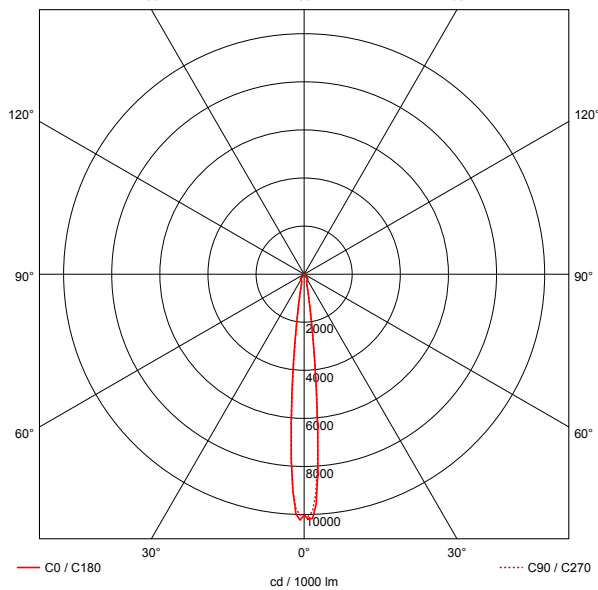
56 mm
Installation height 80 [65] mm

CE      

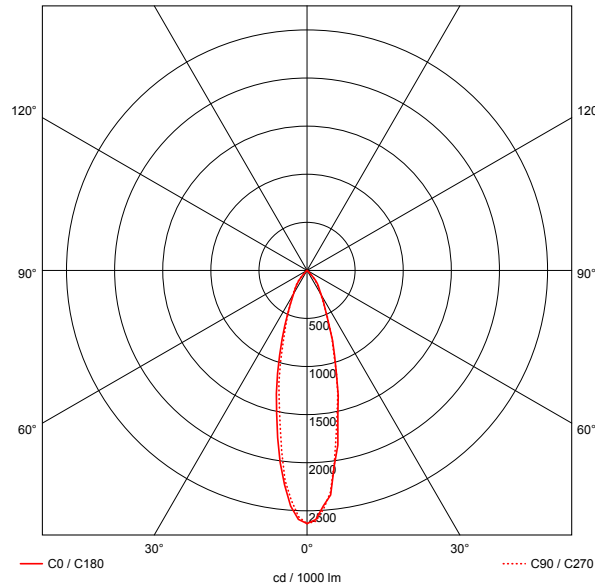
	2700K			3000K		
	12°	24°	39°	12°	24°	39°
TEXT. WHITE	249217	249237	249257	249227	249247	249267
TEXT. BLACK	249216	249236	249256	249226	249246	249266

CONVERTER p.554

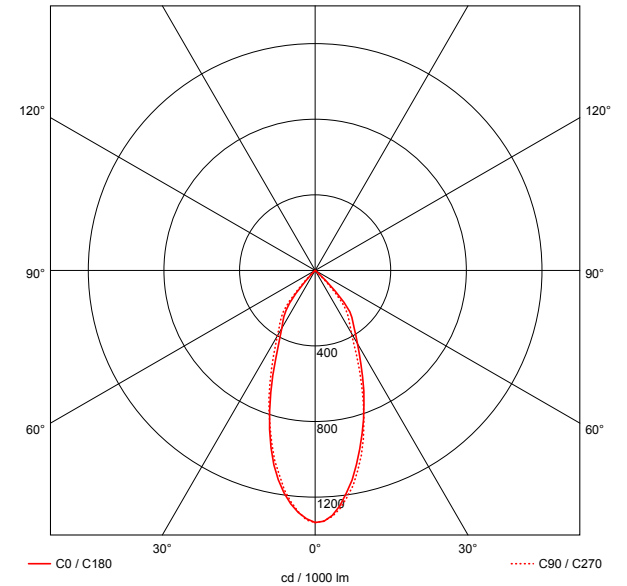
HELAX MEDIUM 12°



HELAX MEDIUM 24°



HELAX MEDIUM 39°

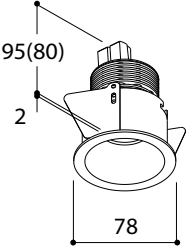








 **HELAX 70 HALOLED LEAF**



LUXEON M 7,84W
700mA DC
dimmable PWM or CCR
755 lumen
beam 36°

A+

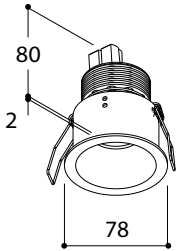
 70 mm

Installation height 100 (85) mm

	2700K	3000K	4000K
TEXT. WHITE	248047	248057	248067
TEXT. BLACK	248046	248056	248065

[CONVERTER p.560](#)  [GU10 versions: see website](#)

 **HELAX 70 HALOLED TORSION**



LUXEON M 7,84W
700mA DC
dimmable PWM or CCR
755 lumen
beam 36°

A+

 70 mm

Installation height 85 mm

	2700K	3000K	4000K
TEXT. WHITE	248017	248027	248037
TEXT. BLACK	248016	248026	248036

[CONVERTER p.560](#)  [GU10 versions: see website](#)

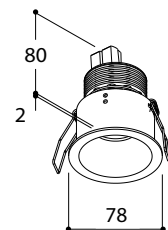


HELAX 70 OUT

 70 mm downlights



HELAX 70 OUT HALOLED TORSION

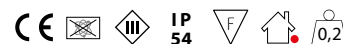


LUXEON M 7,84W
700mA DC
755 lumen
dimmable PWM or CCR
beam 36°

A⁺

 70 mm

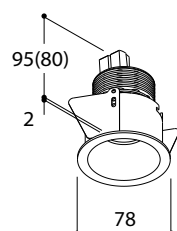
Installation height 85 mm



	2700K	3000K
TEXT. WHITE	249017	249027
TEXT. BLACK	249016	249026

CONVERTER p.560

HELAX 70 OUT HALOLED LEAF

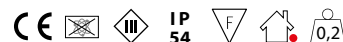


LUXEON M 7,84W
700mA DC
755 lumen
dimmable PWM or CCR
beam 36°

A⁺

 70 mm

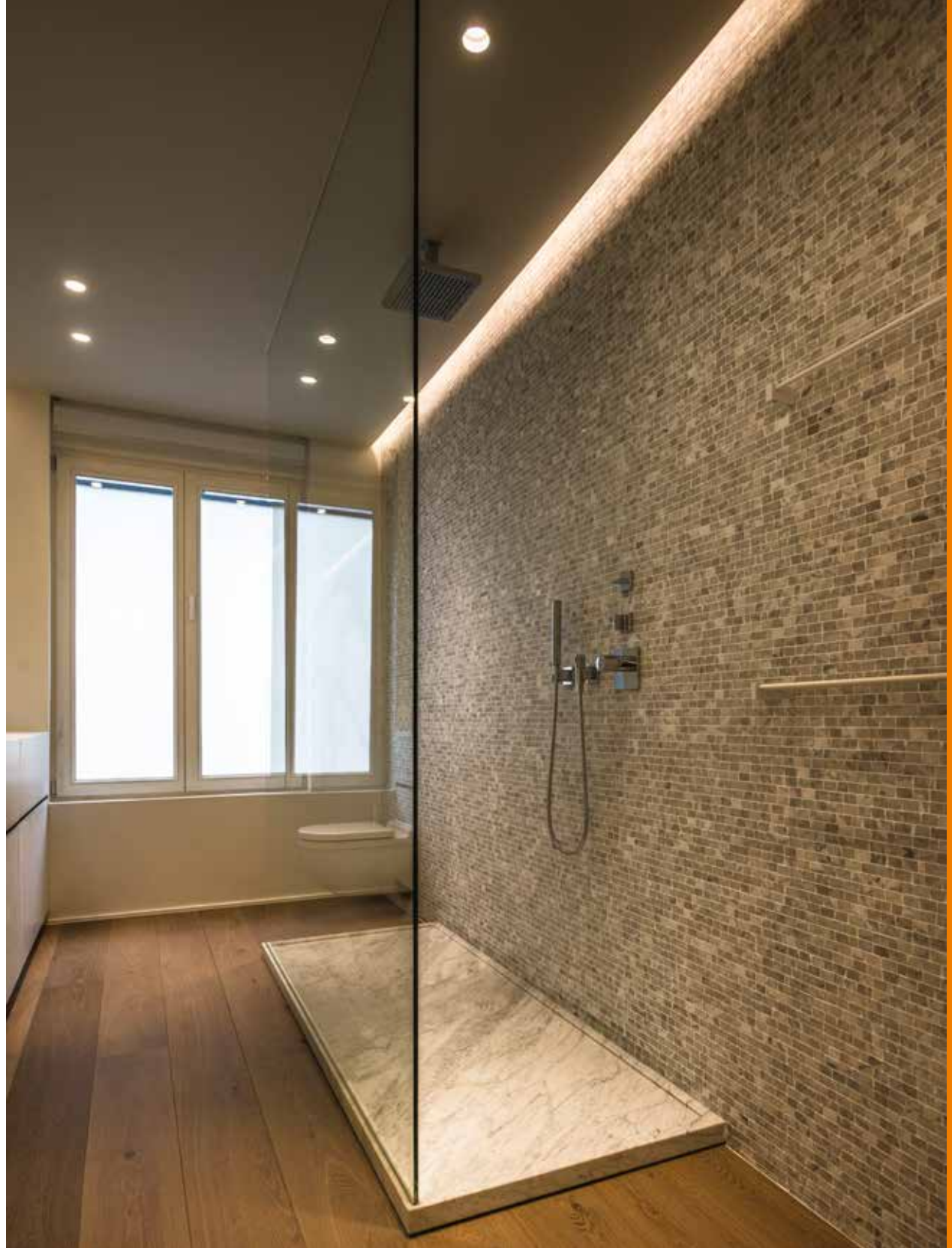
Installation height 100 (85) mm



	2700K	3000K
TEXT. WHITE	249047	249057
TEXT. BLACK	249046	249056

CONVERTER p.560





HELAX HALOSPHERE

 80 mm downlights

100% POWER - 2700K

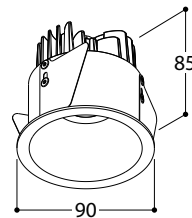


50% POWER - 2250K



10% POWER - 1800K





HELAX HALOSPHERE

CITIZEN 13,3W
max. 350mA DC (37,5 Vf)
dimnable CCR
950 Lumen
beam 35°
CRI 90

A⁺

 80 mm
Installation height 105 (90) mm

CE      

HALOSPHERE 2700K-1800K

TEXT. WHITE	248647
TEXT. BLACK	248626

CONVERTER p.556

HALOSPHERE: dim to warm 2700K-1800K

downlights

HELAX HALOSPHERE



SPINA

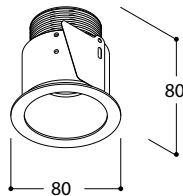
 70 mm **downlights**



haier SPINA HALOLED LEAF



LUXEON M 7,84W
700mA DC
dimable PWM or CCR
755 lumen
beam 36°



 70 mm

Installation height 100 [85] mm

	2700K	3000K
BLACK + GOLD	315510	315540
TEXT. WHITE + TEXT. BLACK	315520	315550
TEXT. WHITE + GOLD	315530	315560

   **IP 20**   

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CONVERTER p.560

 GU10 versions: see website

downlights



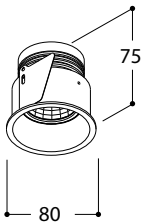


downlights  74 mm

MINI HELVA XICATO



 MINI HELVA XICATO ARTIST



XICATO XTM 6,3W
350mA (18,1Vf)
dimmable PWM or CCR
720 Lumen
beam 40°
CRI 97



 74 mm
Installation height 95 mm

      	2700K	3000K
TEXT. WHITE	123047	123048
TEXT. BLACK	123026	123027

Other Xicato modules on request



Making sense with LEDs

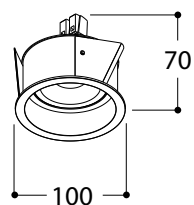
CONVERTER p.554

HELVA BEAUFORT

 92 mm downlights



HELVA BEAUFORT LEAF

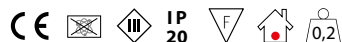


CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°
↻ 359° ↻ 20°

A++

 92 mm

Installation height 70 (85) mm



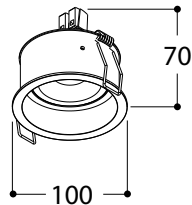
	2700K	3000K
TEXT. WHITE	133247	133257*
TEXT. BLACK	133226	133236*



CONVERTER p.552

 GU10 versions: see website

HELVA BEAUFORT TORSION

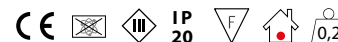


CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°
↻ 359° ↻ 20°

A++

 92 mm

Installation height 70 mm



	2700K	3000K
TEXT. WHITE	133147	133157*
TEXT. BLACK	133126	133136*



CONVERTER p.552

 GU10 versions: see website



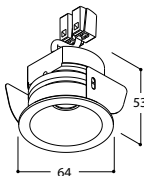
HELAX SML

 56 mm downlights



HELAX SML IP20 LEAF





LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

A++

 56 mm
Installation height 70 (55) mm









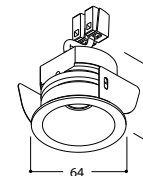
Installation height 70 (55) mm	2700K	3000K
TEXT. WHITE	178347	178357
TEXT. BLACK	178326	178336

 56 mm solid ceilings
55 mm hollow ceilings

CONVERTER p.554

HELAX SML IP54 LEAF





LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

A++

 56 mm
Installation height 70 (55) mm









Installation height 70 (55) mm	2700K	3000K
TEXT. WHITE	178547	178557
TEXT. BLACK	178526	178536

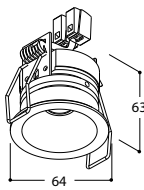
 56 mm solid ceilings
55 mm hollow ceilings

CONVERTER p.554



HELAX SML IP20 TORSION





LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

A++

 55 mm
Installation height 65 mm







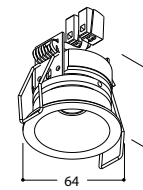


Installation height 65 mm	2700K	3000K
TEXT. WHITE	178447	178457
TEXT. BLACK	178426	178436

CONVERTER p.554

HELAX SML IP54 TORSION





LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

A++

 55 mm
Installation height 65 mm









Installation height 65 mm	2700K	3000K
TEXT. WHITE	178647	178657
TEXT. BLACK	178626	178636

CONVERTER p.554

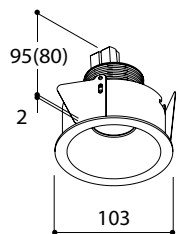


HELAX SML HALOLED

 95 mm downlights



HELAX SML HALOLED LEAF



LUXEON M 7,84W
700mA DC
dimmable PWM or CCR
755 lumen
beam 36°

A⁺

 95 mm

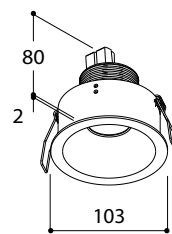
Installation height 100 [85] mm



	2700K	3000K	4000K
TEXT. WHITE	248147	248157	248167
TEXT. BLACK	248146	248156	248165

CONVERTER p.560

HELAX SML HALOLED TORSION



LUXEON M 7,84W
700mA DC
dimmable PWM or CCR
755 lumen
beam 36°

A⁺

 95 mm

Installation height 85 mm



	2700K	3000K	4000K
TEXT. WHITE	248117	248127	248137
TEXT. BLACK	248116	248126	248136

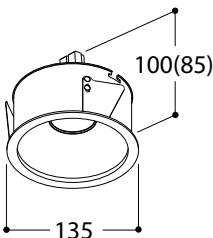
CONVERTER p.560

downlights  127 mm

HELAX SML BEAUFORT²



HELAX SML LEAF BEAUFORT²



Citizen 18W
MAX 500 mA DC
dimmable PWM or CCR
2000 Lumen

A++

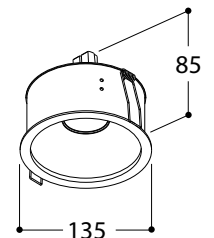
127 mm
Installation height 105 (90) mm

	2700K		3000K		4000K	
	35°	70°	35°	70°	35°	70°
TEXT. WHITE	471147	471127	471177	471137	471157	471117
TEXT. BLACK	471146	471126	471176	471136	471156	471116



CONVERTER p.556

HELAX SML TORSION BEAUFORT²



Citizen 18W
MAX 500 mA DC
dimmable PWM or CCR
2000 Lumen

A++

127 mm
Installation height 90 mm

	2700K		3000K		4000K	
	35°	70°	35°	70°	35°	70°
TEXT. WHITE	471047	471027	471077	471037	471057	471017
TEXT. BLACK	471046	471026	471076	471036	471056	471016



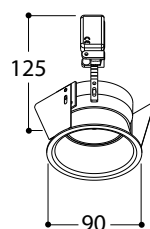
CONVERTER p.556

CEDRUS BEAUFORT

 83 mm downlights



CEDRUS BEAUFORT LEAF

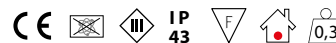


CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
beam 36°
CRI 92 (3000K = CRI 82, see p. 576)

A++

 83 mm

Installation height 125 (100) mm



	2700K	3000K
TEXT. WHITE	348647	348657
TEXT. BLACK	348626	348636
GOLD	348613	348623

 FRAME FOR PLASTER

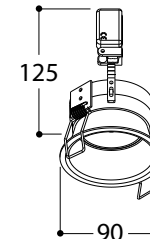
348000



CONVERTER p.552

 GU10 versions: see website

CEDRUS BEAUFORT TORSION



CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
beam 36°
CRI 92 (3000K = CRI 82, see p. 576)

A++

 83 mm

Installation height 100 mm



	2700K	3000K
TEXT. WHITE	348547	348557
TEXT. BLACK	348526	348536
GOLD	348513	348523

 FRAME FOR PLASTER

348000



CONVERTER p.552

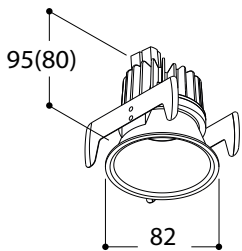
 GU10 versions: see website

downlights  76 mm

CEDRUS QUANTUM



CEDRUS QUANTUM LEAF

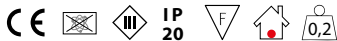


BRIDGELUX COB 6,2W
Max. 350mA DC (17,63 Vf)
720 lm
beam 36°
CRI 80

A++

 76 mm

Installation height 100 (85) mm



2700K

TEXT. WHITE **348847**

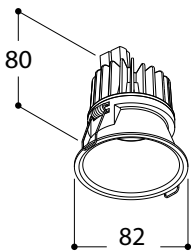
TEXT. BLACK **348826**

 FRAME FOR PLASTER

348100

CONVERTER p.554

CEDRUS QUANTUM TORSION

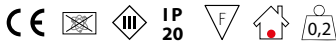


BRIDGELUX COB 6,2W
Max. 350mA DC (17,63 Vf)
720 lm
beam 36°
CRI 80

A++

 76 mm

Installation height 85 mm



2700K

TEXT. WHITE **348747**

TEXT. BLACK **348726**

 FRAME FOR PLASTER

348100

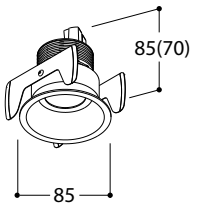
CONVERTER p.554

FUNNEL

 76/92 mm downlights



haloed FUNNEL FIX HALOLED LEAF



LUXEON M 7,84W
700mA DC
Dimmable PWM or CCR
755 lumen
beam 36°

A⁺

 76 mm
Installation height 90 [75] mm

CE      

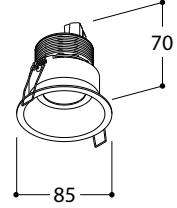
	2700K	3000K
TEXT. WHITE	469147	469157
TEXT. BLACK	469126	469136

 **FRAME FOR PLASTER** **348000**

Solid ceilings: 90mm installation height
False ceilings: 75mm installation height

CONVERTER p.560

haloed FUNNEL FIX HALOLED TORSION



LUXEON M 7,84W
700mA DC
Dimmable PWM or CCR
755 lumen
beam 36°

A⁺

 76 mm
Installation height 75 mm

CE      

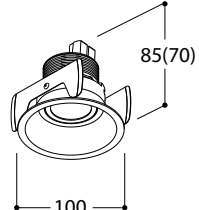
	2700K	3000K
TEXT. WHITE	469047	469057
TEXT. BLACK	469026	469036

 **FRAME FOR PLASTER** **348000**

CONVERTER p.560



haloed FUNNEL FLEX HALOLED LEAF



LUXEON M 7,84W
700mA DC
Dimmable PWM or CCR
755 lumen
beam 36°
± 20°

A⁺

 92 mm
Installation height 90 [75] mm

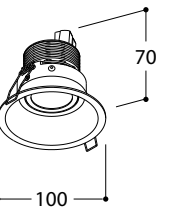
CE      

	2700K	3000K
TEXT. WHITE	469347	469357
TEXT. BLACK	469326	469336

Solid ceilings: 90mm installation height
False ceilings: 75mm installation height

CONVERTER p.560

haloed FUNNEL FLEX HALOLED TORSION



LUXEON M 7,84W
700mA DC
Dimmable PWM or CCR
755 lumen
beam 36°
± 20°

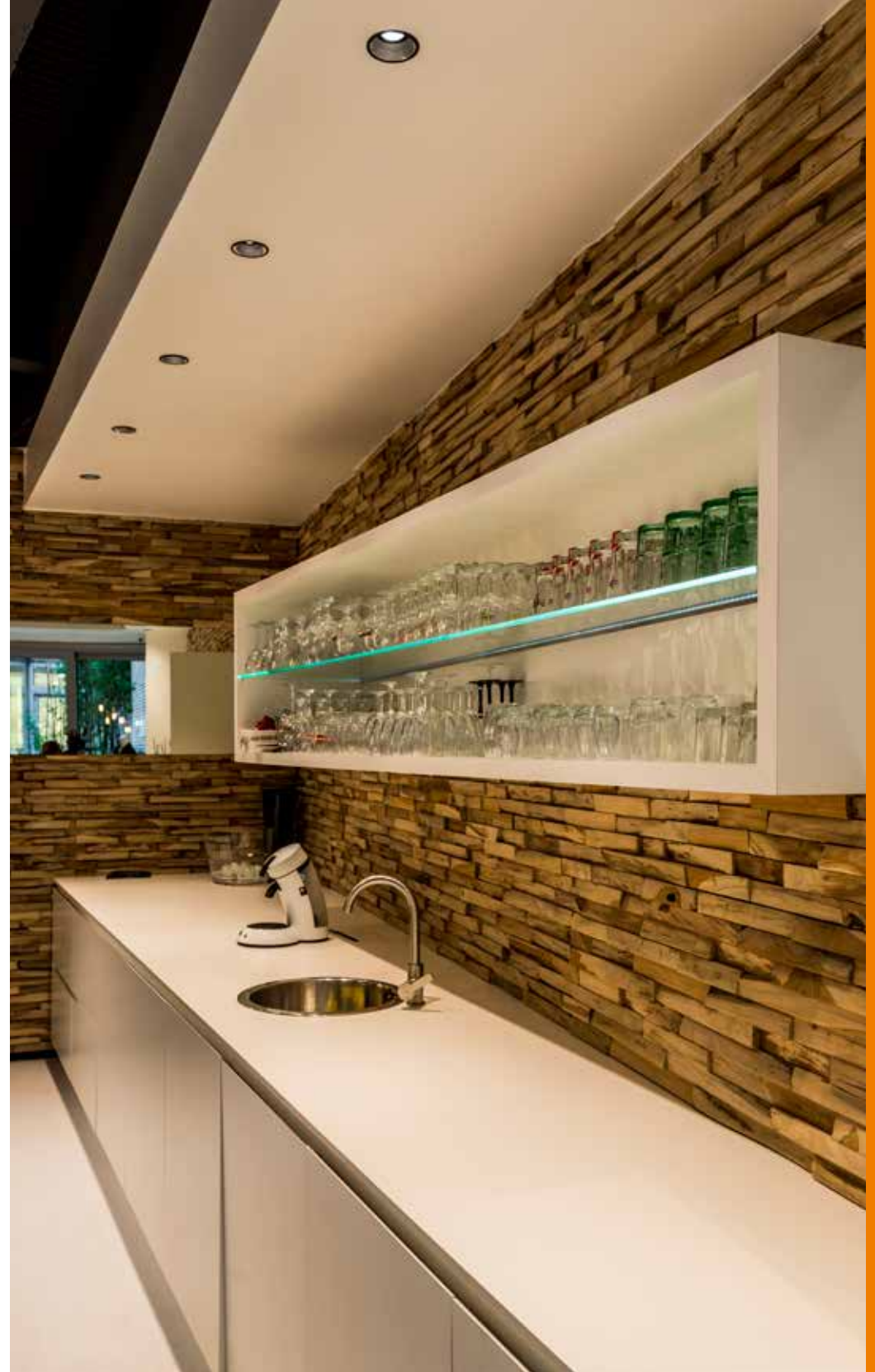
A⁺

 92 mm
Installation height 75 mm

CE      

	2700K	3000K
TEXT. WHITE	469247	469257
TEXT. BLACK	469226	469236

CONVERTER p.560

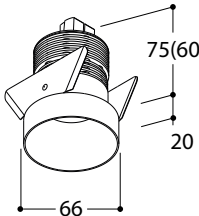


FUNNEL EXO

 56 mm downlights



halo led FUNNEL EXO HALOLED



LUXEON M 7,84W (11,2Vf)
700mA DC
Dimmable PWM or CCR
755 lumen
beam 36°

A+

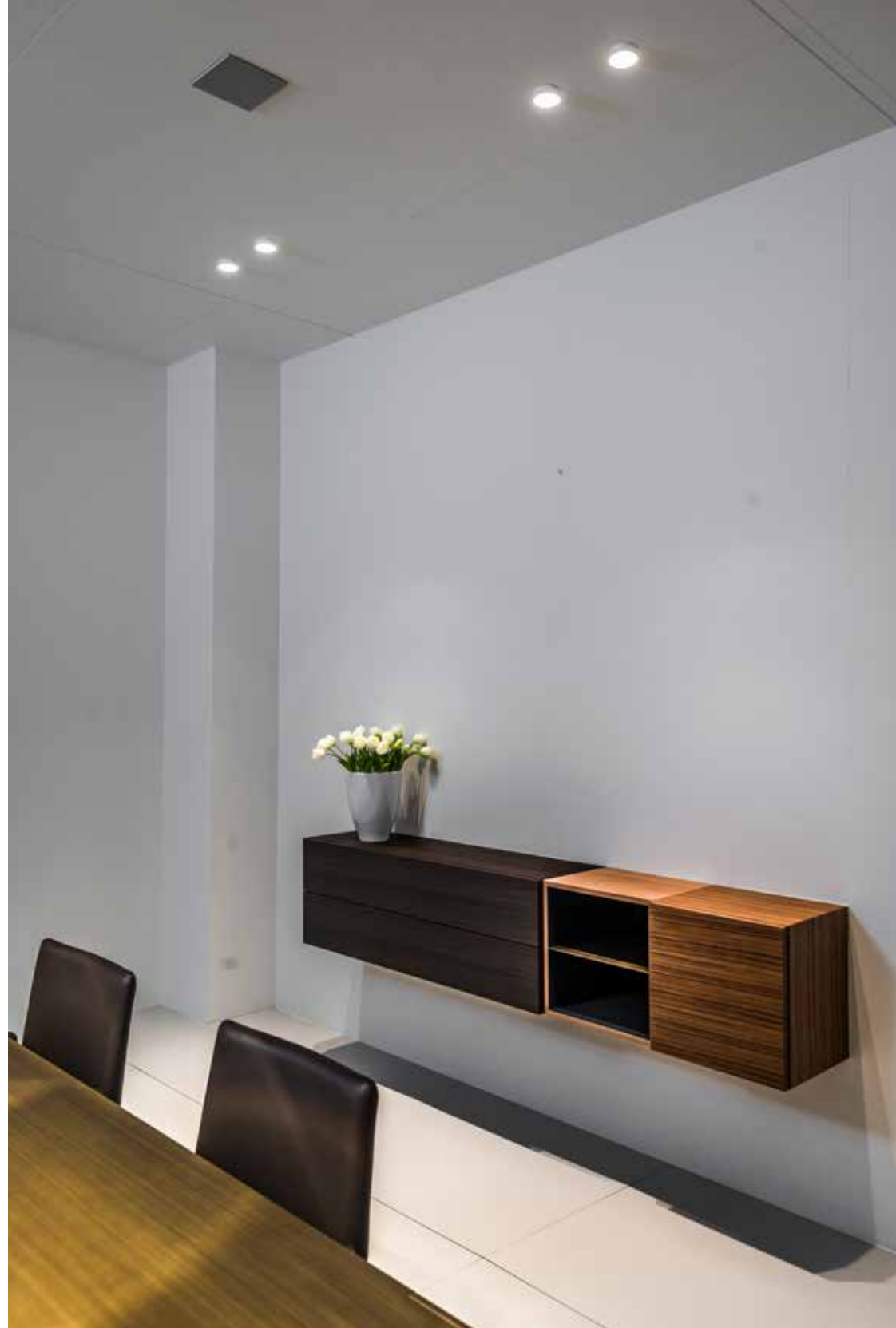
56 mm
Installation height 80 (65) mm

	2700K	3000K
TEXT. WHITE	484647	484657
TEXT. BLACK	484626	484636

CE, RoHS, ENEC, IP 20, F, Home, 0.2

CONVERTER p.560





SOLID ROUND

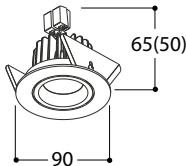
downlights





SOLID ROUND

SOLID ROUND HALOLED



LUXEON M - 7,84W
700mA
dimmable PWM or CCR
755 lumen
beam 36°

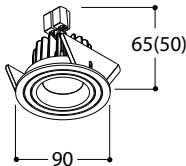


 80 mm	      	
Installation height 70 (55) mm	2700K	3000K
TEXT. WHITE	466047	466057
TEXT. BLACK	466026	466036
BRUSHED ALU	466008	466018

CONVERTER p.560

 GU10 versions: see website

SOLID ROUND MOBY HALOLED



LUXEON M - 7,84W
700mA
dimmable PWM or CCR
755 lumen
beam 36°
359° ↻ 20°



 80 mm	      	
Installation height 70 (55) mm	2700K	3000K
TEXT. WHITE	466147	466157
TEXT. BLACK	466126	466136
BRUSHED ALU	466108	466118

CONVERTER p.560

 GU10 versions: see website

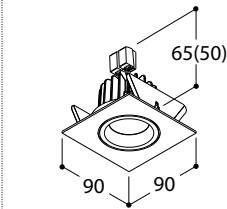


downlights  80 mm



SOLID SQUARE

SOLID SQUARE HALOLED



LUXEON M - 7,84W
700mA
dimmable PWM or CCR
755 lumen
beam 36°

A+

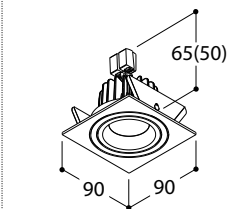
 80 mm
Installation height 70 (55) mm

	2700K	3000K
TEXT. WHITE	466247	466257
TEXT. BLACK	466226	466236
BRUSHED ALU	466208	466218

CONVERTER p.560

 GU10 versions: see website

SOLID SQUARE MOBY HALOLED



LUXEON M - 7,84W
700mA
dimmable PWM or CCR
755 lumen
beam 36°
359° 20°

A+

 80 mm
Installation height 70 (55) mm

	2700K	3000K
TEXT. WHITE	466347	466357
TEXT. BLACK	466326	466336
BRUSHED ALU	466308	466318

CONVERTER p.560

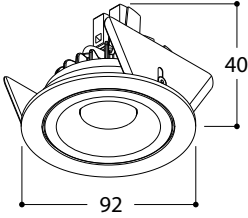
 GU10 versions: see website

SIMPLON BEAUFORT

 82 mm downlights



SIMPLON BEAUFORT LEAF

CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°
20°

A++

82 mm
Installation height 45 (60) mm

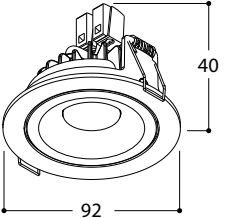
	2700K	3000K
TEXT. WHITE	227947	227957*
TEXT. BLACK	227926	227936*



CONVERTER p.552

SIMPLON BEAUFORT TORSION

CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°
20°

A++

82 mm
Installation height 45 mm

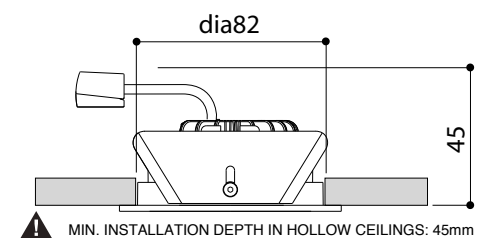
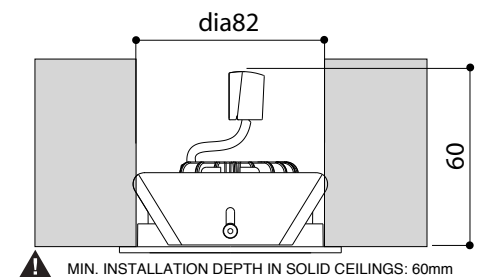
	2700K	3000K
TEXT. WHITE	227847	227857*
TEXT. BLACK	227826	227836*

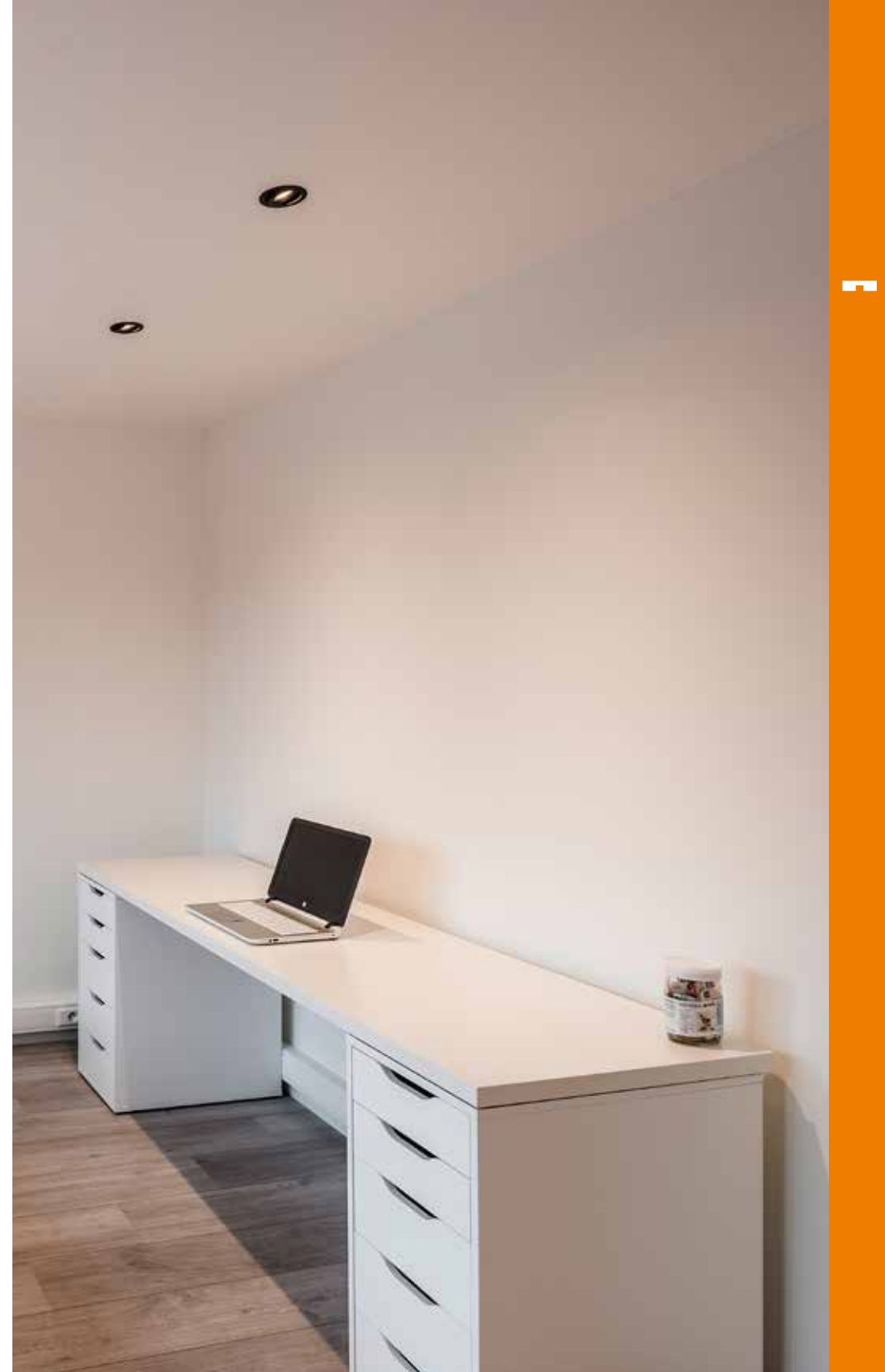
      



CONVERTER p.552

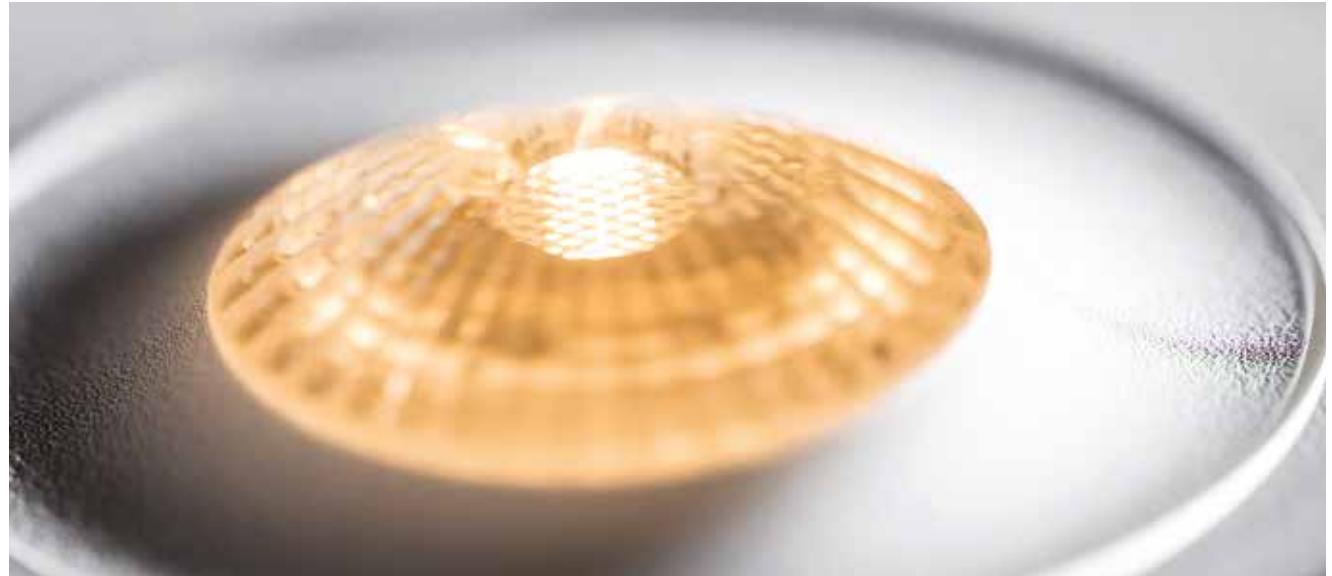
installation height with leaf :





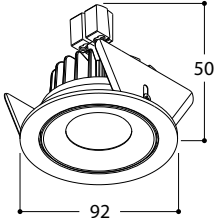
SIMPLON HALOLED

 82 mm downlights



SIMPLON HALOLED LEAF

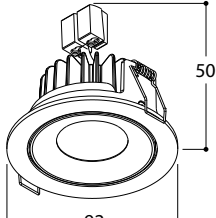


			LUXEON M 7,84W 700mA DC Dimmable PWM or CCR 755 lumen beam 36° ⌀ 20°		
 82 mm Installation height 70 (55) mm			   IP 20   		
			2700K 3000K		
TEXT. WHITE			227747 227757		
TEXT. BLACK			227726 227736		

CONVERTER p.560

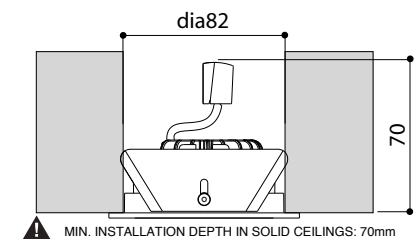
SIMPLON HALOLED TORSION



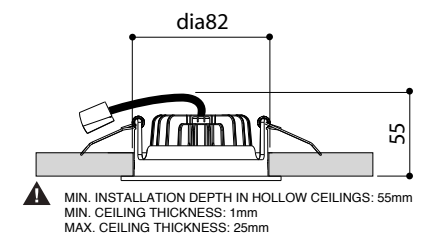
			LUXEON M 7,84W 700mA DC Dimmable PWM or CCR 755 lumen beam 36° ⌀ 20°		
 82 mm Installation height 55 mm			   IP 20   		
			2700K 3000K		
TEXT. WHITE			227647 227657		
TEXT. BLACK			227626 227636		

CONVERTER p.560

Leaf (for all ceiling types) :



Torsion (only for hollow ceilings) :

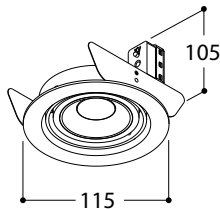


ECLIPS BEAUFORT



ECLIPS ROUND BEAUFORT





CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°
30°

A++

   **IP 20**   

105 mm	2700K	3000K
Installation height 70 mm		
TEXT. WHITE	426247	426257*
TEXT. BLACK	426226	426236*

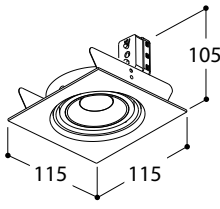


CONVERTER p.552



ECLIPS SQUARE BEAUFORT





CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°
30°

A++

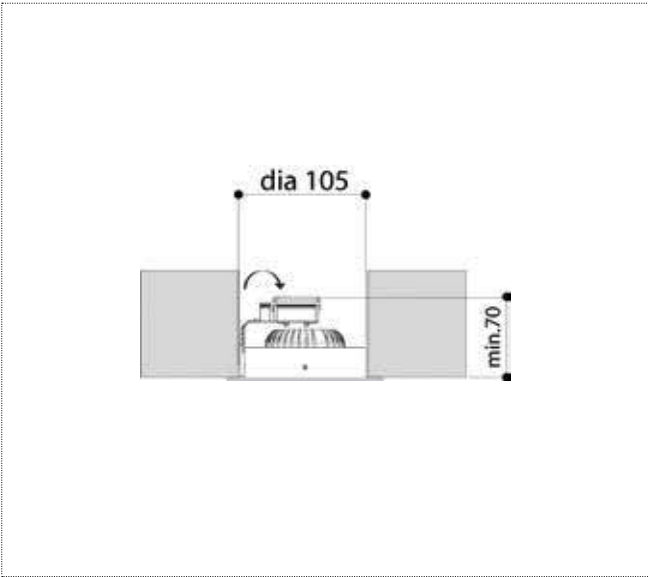
   **IP 20**   

105 mm	2700K	3000K
Installation height 70 mm		
TEXT. WHITE	426347	426357*
TEXT. BLACK	426326	426336*



CONVERTER p.552

ECLIPS BEAUFORT LIMITED DEPTH

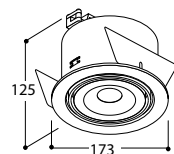


ECLIPS BEAUFORT²

 154 mm downlights



ECLIPS BEAUFORT² LEAF



CITIZEN 18W
MAX 500mA DC
dimmable PWM or CCR
2000 Lumen
30°

A++

 154 mm

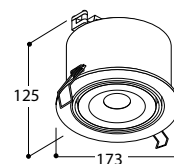
Installation height 125 mm

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	340447	340427	340477	340437
TEXT. BLACK	340446	340426	340476	340436



CONVERTER p.556

ECLIPS BEAUFORT² TORSION



CITIZEN 18W
MAX 500mA DC
dimmable PWM or CCR
2000 Lumen
30°

A++

 154 mm

Installation height 125 mm

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	339447	339427	339477	339437
TEXT. BLACK	339446	339426	339476	339436



CONVERTER p.556



downlights

ECLIPS BEAUFORT²





downlights



CONVERTOR TABLE

TORNADO 3000 DRIVERS

TORNADO REMOTE CONVERTER+WIRING

non-dimmable	DALI dimmable
930650	930651

600mA DC 35W - 230V-AC

3000 LUMEN = PASSIVE COOLING SYSTEM

TORNADO 5000 DRIVERS

TORNADO REMOTE CONVERTER+WIRING

non-dimmable	DALI dimmable
930652	930653

900mA DC 50W - 230V-AC

5000 LUMEN = ACTIVE COOLING SYSTEM

ECLIPS TORNADO LEAF 3000

PREVALED 27W
600mA DC (45 Vf)
3000 Lumen
179° 30°

A++

154 mm
Installation height 220 mm

	3000K	4000K
TEXTURED WHITE	464147	464157
TEXTURED BLACK	464126	464136

TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
HONEYCOMB BLACK ANO	462900		

REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

DEDICATED DRIVERS: SEE CONVERTOR TABLE

ECLIPS TORNADO LEAF 5000

PREVALED 38,4W
900mA DC (42,6 Vf)
5000 Lumen
179° 30°

A++

154 mm
Installation height 220 mm

	3000K	4000K
TEXTURED WHITE	464347	464357
TEXTURED BLACK	464326	464336

TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
HONEYCOMB BLACK ANO	462900		

REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

DEDICATED DRIVERS: SEE CONVERTOR TABLE

TABLE REFLECTOR SYSTEM LEAF

eclips TORNADO
.choose color of luminaire
.choose led luminous flux (lm)
.choose led color temperature (K)

TORNADO head 4629xx
.choose color of head
.choose beamangle of reflector

ECLIPS TORNADO TORSION 3000

PREVALED 27W
600mA DC (45 Vf)
3000 Lumen
179° 30°

A++

154 mm
Installation height 220 mm

	3000K	4000K
TEXTURED WHITE	464247	464257
TEXTURED BLACK	464226	464236

TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
HONEYCOMB BLACK ANO	462900		

REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

DEDICATED DRIVERS: SEE CONVERTOR TABLE

ECLIPS TORNADO TORSION 5000

PREVALED 38,4W
900mA DC (42,6 Vf)
5000 Lumen
179° 30°

A++

154 mm
Installation height 220 mm

	3000K	4000K
TEXTURED WHITE	464447	464457
TEXTURED BLACK	464426	464536

TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
HONEYCOMB BLACK ANO	462900		

REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

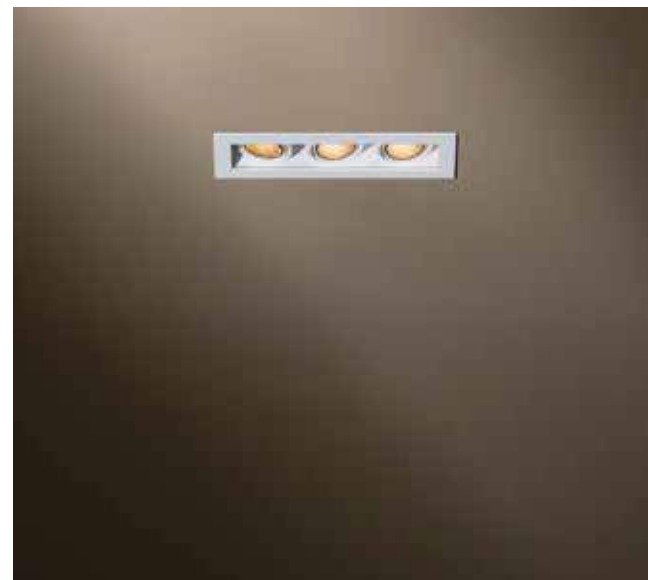
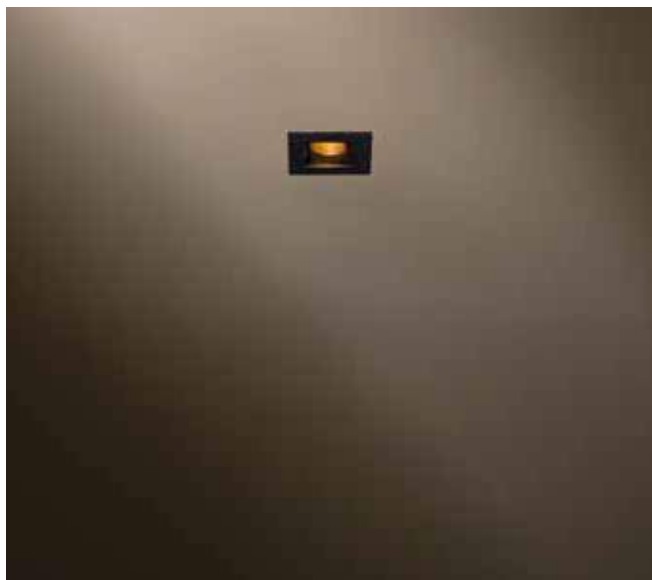
DEDICATED DRIVERS: SEE CONVERTOR TABLE

TABLE REFLECTOR SYSTEM TORSION

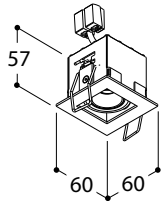
eclips TORNADO
.choose color of luminaire
.choose led luminous flux (lm)
.choose led color temperature (K)

TORNADO head 4629xx
.choose color of head
.choose beamangle of reflector





MICRO TOMMY 1 TORSION



LUXEON M 3,82W
350mA DC
dimable PWM or CCR
400 lumen
beam 36°
15-20°

A++

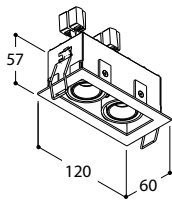
52 x 52 mm
Installation height 60 mm

	2700K	3000K
TEXT. WHITE	419147	419137
TEXT. BLACK	419126	419116
TEXT. WHITE & BLACK FOCUS	419194	419184
TEXT. BLACK & WHITE FRONT	419195	419185
BLACK & GOLD	419196	419186

 MICRO FRAME FOR PLASTER **419199** 140 x 85 x H60 mm
 MICRO BOX FOR PLASTER FINISH **419197** 155 x 85 x H90 mm

CONVERTER p.554

MICRO TOMMY 2 TORSION



LUXEON M 3,82W (x2)
350mA DC
dimable PWM or CCR
2 x 400 lumen
beam 36°
35-20°

A++

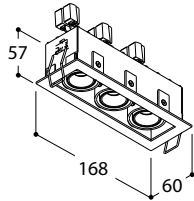
114 x 52 mm
Installation height 60 mm

	2700K	3000K
TEXT. WHITE	419247	419237
TEXT. BLACK	419226	419216
TEXT. WHITE & BLACK FOCUS	419294	419284
TEXT. BLACK & WHITE FRONT	419295	419285
BLACK & GOLD	419296	419286

 MICRO FRAME FOR PLASTER **419299** 200 x 235 x H60 mm
 MICRO BOX FOR PLASTER FINISH **419297** 200 x 235 x H150 mm

CONVERTER p.554

MICRO TOMMY 3 TORSION



LUXEON M 3,82W (x3)
350mA DC
dimable PWM or CCR
3 x 400 lumen
beam 36°
35-20°

A++

162 x 52 mm
Installation height 60 mm

	2700K	3000K
TEXT. WHITE	419347	419337
TEXT. BLACK	419326	419316
TEXT. WHITE & BLACK FOCUS	419394	419384
TEXT. BLACK & WHITE FRONT	419395	419385
BLACK & GOLD	419396	419386

 MICRO FRAME FOR PLASTER **419399** 260 x 235 x H60 mm
 MICRO BOX FOR PLASTER FINISH **419397** 260 x 235 x H150 mm

CONVERTER p.554

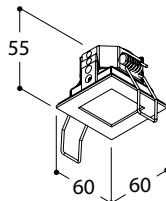




MICRO TOMMY IP54



 MICRO TOMMY IP54 



LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 lumen
beam 36°



52 x 52 mm

Installation height 60 mm

2700K

3000K

TEXT. WHITE	472147	472137
TEXT. BLACK	472126	472116
TEXT. WHITE & BLACK FOCUS	472194	472184
BLACK & GOLD	472196	472186
TEXT. WHITE & BLACK INSIDE	472195	472185
TEXT. WHITE + GOLD	472192	472182

 MICRO FRAME FOR PLASTER

419199

 140 x 85 x H60 mm

 MICRO BOX FOR PLASTER FINISH

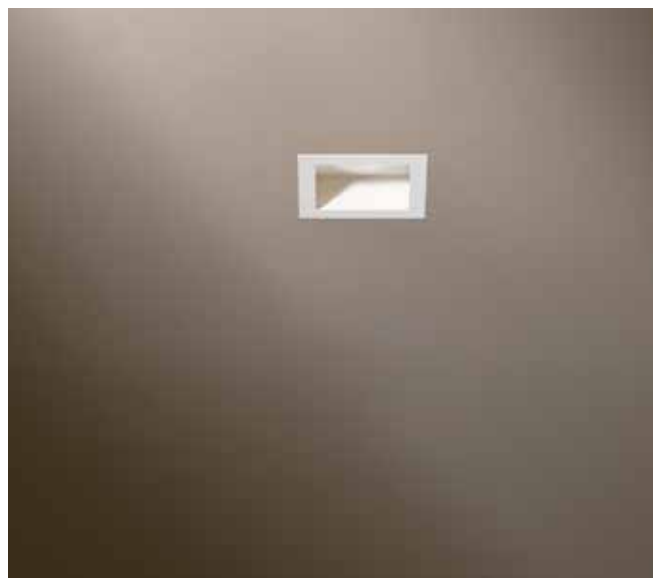
419197

 155 x 85 x H90 mm

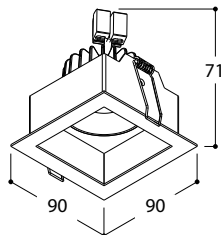
CONVERTER p.554

TAL 129

QUAD BEAUFORT



QUAD BEAUFORT



CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
beam 36°

A++

80 x 80 mm
Installation height 71 mm

	2700K	3000K
TEXT. WHITE	750431	750441
TEXT. BLACK	750450	750460
TEXT. WHITE + CHROME	750434	750444
TEXT. BLACK + CHROME	750433	750443









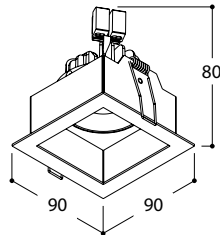
 **750138** 155 x 155 x 165 mm
 **250790** 85 x 85 mm



CONVERTER p.552

 GU10 versions: see website

QUAD ORIENTABLE BEAUFORT



CITIZEN LED 6,22W
180mA DC (34,6 Vf)
Dimmable PWM or CCR
758 Lumen
CRI 92 (3000K = CRI 82, see p. 576)
35°
beam 36°

A++

80 x 80 mm
Installation height 85 mm

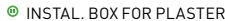
	2700K	3000K
TEXT. WHITE	750647	750657
TEXT. BLACK	750626	750636









 **750138** 155 x 155 x 165 mm
 **250790** 85 x 85 mm



CONVERTER p.552

downlights

QUAD



QUAD ASYMMETRIC

downlights

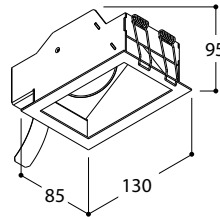


QUAD ASYMMETRIC



WALLWASH

QUAD ASSYMETRIC BEAUFORT



CITIZEN LED 6,22W
180mA DC [34,6 Vf]
Dimmable PWM or CCR
758 Lumen
CRI 92 [3000K = CRI 82, see p. 576]
beam 36°
45°

A++

	2700K	3000K
TEXT. WHITE	750847	750857
TEXT. BLACK	750826	750836



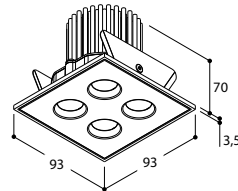
CONVERTER p.552

B4

 80 mm downlights



B4 LEAF



CREE XPG 8W
700mA DC
Dimmable PWM or CCR
832 Lumen
CRI 92

A⁺

 80 mm

Installation height 90 (75) mm

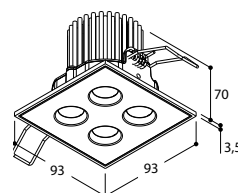


	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	293347	293447	293547	293357	293457	293557
TEXT. BLACK	293326	293426	293526	293336	293436	293536

CONVERTER p.560



B4 TORSION



CREE XPG 8W
700mA DC
Dimmable PWM or CCR
832 Lumen
CRI 92

A⁺

 80 mm

Installation height 75 mm



	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	293047	293147	293247	293057	293157	293257
TEXT. BLACK	293026	293126	293226	293036	293136	293236

CONVERTER p.560



downlights

B4



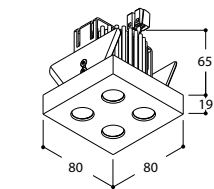
ODILON

downlights





ODILON LEAF



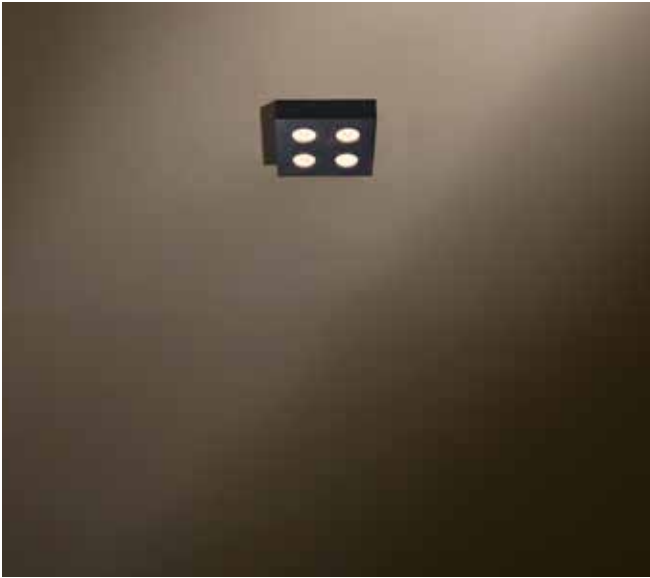
CREE XPG 8W
700mA DC (11,32 vfl)
Dimmable PWM or CCR
832lm
CRI 92

A⁺

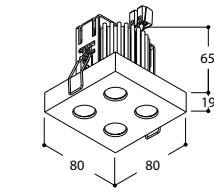
 70 mm
Installation height 75 [85] mm

	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	391547	391647	391747	391557	391657	391757
TEXT. BLACK	391526	391626	391726	391536	391636	391736

CONVERTER p.560



ODILON TORSION



CREE XPG 8W
700mA DC (11,32 vfl)
Dimmable PWM or CCR
832lm
CRI 92

A⁺

 70 mm
Installation height 75 mm

	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	392547	392647	392747	392557	392657	392757
TEXT. BLACK	392526	392626	392726	392536	392636	392736

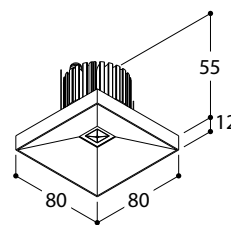
CONVERTER p.560

DICE EXO

 56 mm downlights



DICE EXO



LUXEON M LED 7,84W
700mA DC
dimnable PWM or CCR
755 Lumen
beam 50°

A⁺

 56 mm

Installation height 60 mm



	2700K	3000K
TEXT. WHITE	377347	377337
TEXT. BLACK	377326	377316



CONVERTER p.554



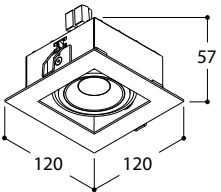
downlights



DICE EXO

MINI TOMMY BEAUFORT

MINI TOMMY 1 BEAUFORT



CITIZEN LED 6,22W
180mA DC [34,6 Vf]
Dimmable PWM or CCR
30° 30°
758 Lumen
beam 36°
CRI 92

A++

110 x 110 mm
Installation height 60 mm

	2700K	3000K
TEXT. WHITE	107107	107117
TEXT. BLACK	107106	107116
BLACK + GOLD	107186	107196











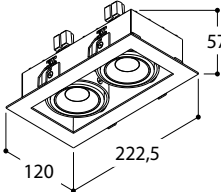
 INSTAL. FRAME FOR PLASTER **700139** 200 x 235 mm
 INSTAL. BOX FOR PLASTER **700138** 200 x 235 x 150 mm

CONVERTER p.552

 GU10 versions: see website



MINI TOMMY 2 BEAUFORT



CITIZEN LED (x2) 6,22W
180mA DC [34,6 Vf]
Dimmable PWM or CCR
30° 30°
2x 758 Lumen
beam 36°
CRI 92

A++

210 x 110 mm
Installation height 60 mm

	2700K	3000K
TEXT. WHITE	107207	107217
TEXT. BLACK	107206	107216
BLACK + GOLD	107286	107296







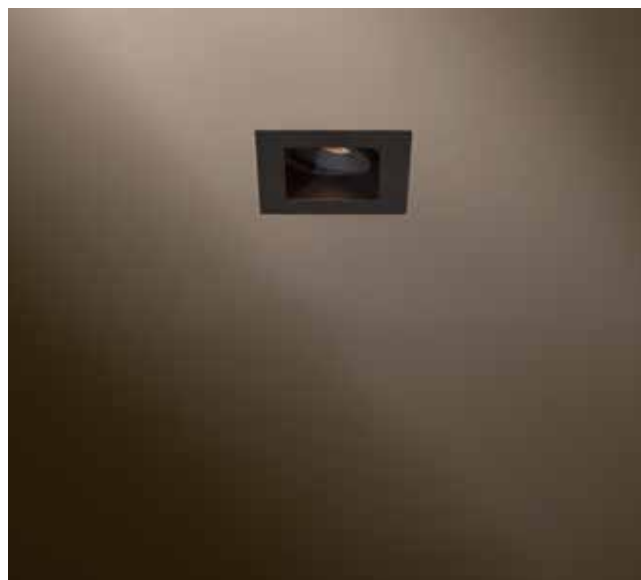




 INSTAL. FRAME FOR PLASTER **700239** 260 x 235 mm
 INSTAL. BOX FOR PLASTER **700238** 260 x 235 x 150 mm

CONVERTER p.552

 GU10 versions: see website



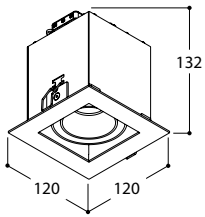




MINI TOMMY HALOLED



 MINI TOMMY 1 HALOLED 



LUXEON M - 7,84W
700mA DC
dimable PWM or CCR
755 lumen
beam 36°
30°

A+

 110 x 110 mm
Installation height 135 mm

	2700K	3000K
TEXT. WHITE	107407	107417
TEXT. BLACK	107406	107416

 INSTAL. FRAME FOR PLASTER **700139**  200 x 235 mm

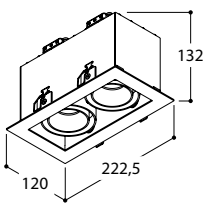
 INSTAL. BOX FOR PLASTER **700138**  200 x 235 x 150 mm

CONVERTER p.560

 GU10 versions: see website



 MINI TOMMY 2 HALOLED 



LUXEON M (x2) - 7,84W
700mA DC
dimable PWM or CCR
2x 755 lumen
beam 36°
30°

A+

 210 x 110 mm
Installation height 135 mm

	2700K	3000K
TEXT. WHITE	107507	107517
TEXT. BLACK	107506	107516

 INSTAL. FRAME FOR PLASTER **700239**  260 x 235 mm

 INSTAL. BOX FOR PLASTER **700238**  260 x 235 x 150 mm

CONVERTER p.560

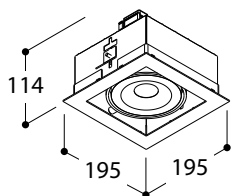
 GU10 versions: see website







TOMMY 1 BEAUFORT²



CITIZEN 18W
MAX 500mA DC
dimmable PWM or CCR
2000 Lumen
30°

A++

175 x 175 mm

Installation height 120 mm

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	740127	740136	740128	740108
TEXT. BLACK	106146	106107	106147	106137

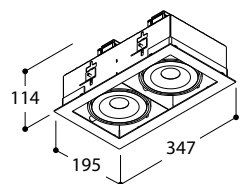
- INSTAL. BOX FOR CONCRETE **702010** 230 x 305 x 170 mm
- INSTAL. BOX FOR PLASTER **700198** 230 x 305 x 140 mm
- INSTAL. FRAME FOR PLASTER **700199** 230 x 305 mm



CONVERTER p.556



TOMMY 2 BEAUFORT²



CITIZEN (x2) 18W
MAX 500mA DC
dimmable PWM or CCR
2 x 2000 Lumen
30°

A++

327 x 175 mm

Installation height 120 mm

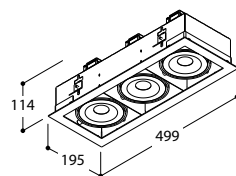
	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	740227	740207	740228	740208
TEXT. BLACK	106246	106136	106247	106237

- INSTAL. BOX FOR CONCRETE **702020** 382 x 305 x 170 mm
- INSTAL. BOX FOR PLASTER **700298** 382 x 305 x 140 mm
- INSTAL. FRAME FOR PLASTER **700299** 382 x 305 mm



CONVERTER p.556

TOMMY 3 BEAUFORT²



CITIZEN (x3) 18W
MAX 500mA DC
dimmable PWM or CCR
3 x 2000 Lumen
30°

A++

497 x 175 mm

Installation height 120 mm

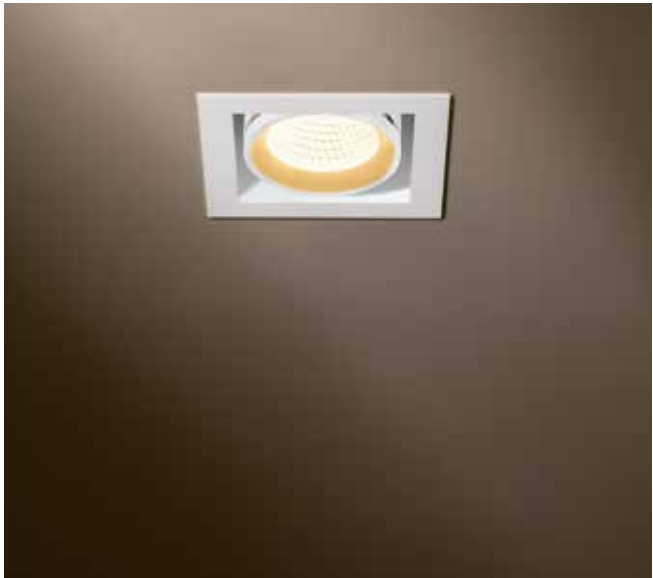
	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	740327	740307	740328	740308
TEXT. BLACK	106346	106336	106347	106337

- INSTAL. BOX FOR CONCRETE **702030** 534 x 305 x 170 mm
- INSTAL. BOX FOR PLASTER **700398** 534 x 305 x 140 mm
- INSTAL. FRAME FOR PLASTER **700399** 534 x 305 mm



CONVERTER p.556

TOMMY TORNADO 3000



TOMMY 1 TORNADO 3000



PREVALED 27W
600mA DC (45 Vf)
3000 Lumen
↻ 179° ↻ 30°

175 x 175 mm
Installation height 220 mm

CE, RoHS, ENEC, IP 20, F, Home, 3

	3000K	4000K
TEXTURED WHITE	463147	463157
TEXTURED BLACK	463126	463136

⦿ TORNADO REFLECTOR SYSTEM SEE TABLE

Zhaga

CONVERTER p.558

TABLE REFLECTOR SYSTEM

tommy TORNADO
.choose color of luminaire
.choose led luminous flux (lm)
.choose led color temperature (K)

TORNADO head 4629xx
.choose color of head
.choose beamangle of reflector

⦿ TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
⦿ HONEYCOMB BLACK ANO	462900		

DEDICATED DRIVERS: SEE CONVERTOR TABLE
REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

TOMMY 2 TORNADO 3000



PREVALED 2 x 27W
600mA DC (45 Vf)
2 x 3000 Lumen
↻ 179° ↻ 30°

375 x 175 mm
Installation height 220 mm

CE, RoHS, ENEC, IP 20, F, Home, 4.2

	3000K	4000K
TEXTURED WHITE	463247	463257
TEXTURED BLACK	463226	463236

⦿ TORNADO REFLECTOR SYSTEM SEE TABLE

Zhaga

CONVERTER p.558



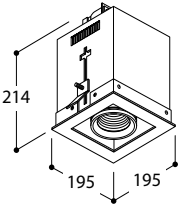




TOMMY 1 TORNADO 5000



TABLE REFLECTOR SYSTEM



175 x 175 mm
Installation height 220 mm

PREVALED 38,4W
900mA DC (42,6 Vf)
5000 Lumen
179° 30°

A++

CE   IP 20   3

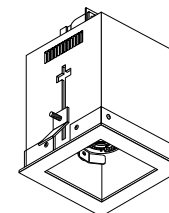
	3000K	4000K
TEXTURED WHITE	463447	463457
TEXTURED BLACK	463426	463436

 TORNADO REFLECTOR SYSTEM

SEE TABLE



CONVERTER p.562



tommy TORNADO
.choose color of luminaire
.choose led luminous flux (lm)
.choose led color temperature (K)



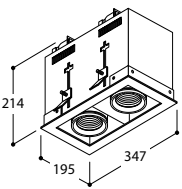
TORNADO head 4629xx
.choose color of head
.choose beamangle of reflector

TORNADO REFL. SYSTEM	17°	24°	40°
TEXT. WHITE	462917	462927	462947
TEXT. BLACK	462916	462926	462946
HONEYCOMB BLACK ANO	462900		

DEDICATED DRIVERS: SEE CONVERTOR TABLE
REMARK: ONE TORNADO REFLECTOR SYSTEM PER LEDSOURCE!

TOMMY 2 TORNADO 5000





375 x 175 mm
Installation height 220 mm

PREVALED 2 x 38,4W
900mA DC (42,6 Vf)
2 x 5000 Lumen
179° 30°

A++

CE   IP 20   4,2

	3000K	4000K
TEXTURED WHITE	463547	463557
TEXTURED BLACK	463526	463536

 TORNADO REFLECTOR SYSTEM

SEE TABLE



CONVERTER p.562

wall recessed

wall recessed



DICE WALL 153



DIABOLO 154



ELITE NPG 158



ELITE XT 159



EOS LED 163



FONDA NPG 156



MIND THE GAP 160

wall recessed



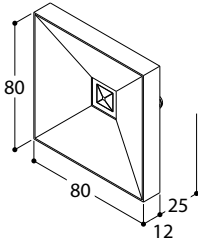
wall recessed

DICE WALL



DICE WALL WC





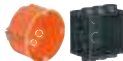
CREE XPE 1,2W
350mA DC
dimmbale PWM or CCR
94 Lumen
beam 50°

A+

CE, RoHS, Energy Star, IP 20, F, Home, 0,1

	2700K	3000K
TEXT. WHITE	377547	377557
TEXT. BLACK	377526	377536

FITS ON STANDARD ELECTRICAL ACCESSORY BOX WITH SCREWS



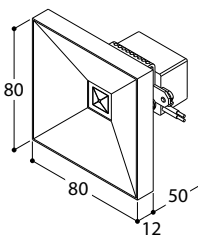
p. 226 p. 138

CONVERTER p.554



DICE WALL CI





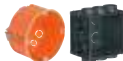
CREE XPE 1,2W
230V AC
94 Lumen
beam 50°

A+

CE, RoHS, Energy Star, IP 20, F, Home, 0,2

	2700K	3000K
TEXT. WHITE	377447	377457
TEXT. BLACK	377426	377436

FITS ON STANDARD ELECTRICAL ACCESSORY BOX WITH SCREWS



p. 226 p. 138

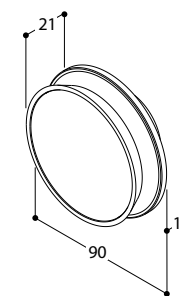


DIABOLO S design by Cas Moor & Lieven Musschoot

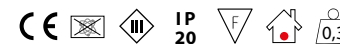
wall recessed



DIABOLO S WC



CREE XPE 1,2W
350mA DC
dimmable PWM or CCR
94 Lumen



	2700K	3000K
TEXT. WHITE	177247	177257
TEXT. BLACK	177226	177236
GOLD 24K	177213	177223

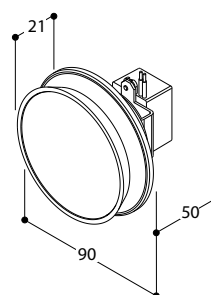
FITS ON STANDARD ROUND ELECTRICAL
ACCESSORY BOX WITH SCREWS



p. 216

CONVERTER p.554

DIABOLO S CI



CREE XPE 1,2W
230V AC
94 Lumen



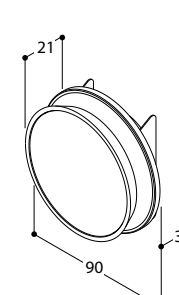
	2700K	3000K
TEXT. WHITE	177447	177457
TEXT. BLACK	177426	177436
GOLD 24K	177413	177423

FITS ON STANDARD ROUND ELECTRICAL
ACCESSORY BOX WITH SCREWS

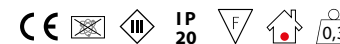


p. 216

DIABOLO S LEAF



CREE XPE 1,2W
350mA DC
dimmable PWM or CCR
94 Lumen



56 mm

Installation height 40 mm

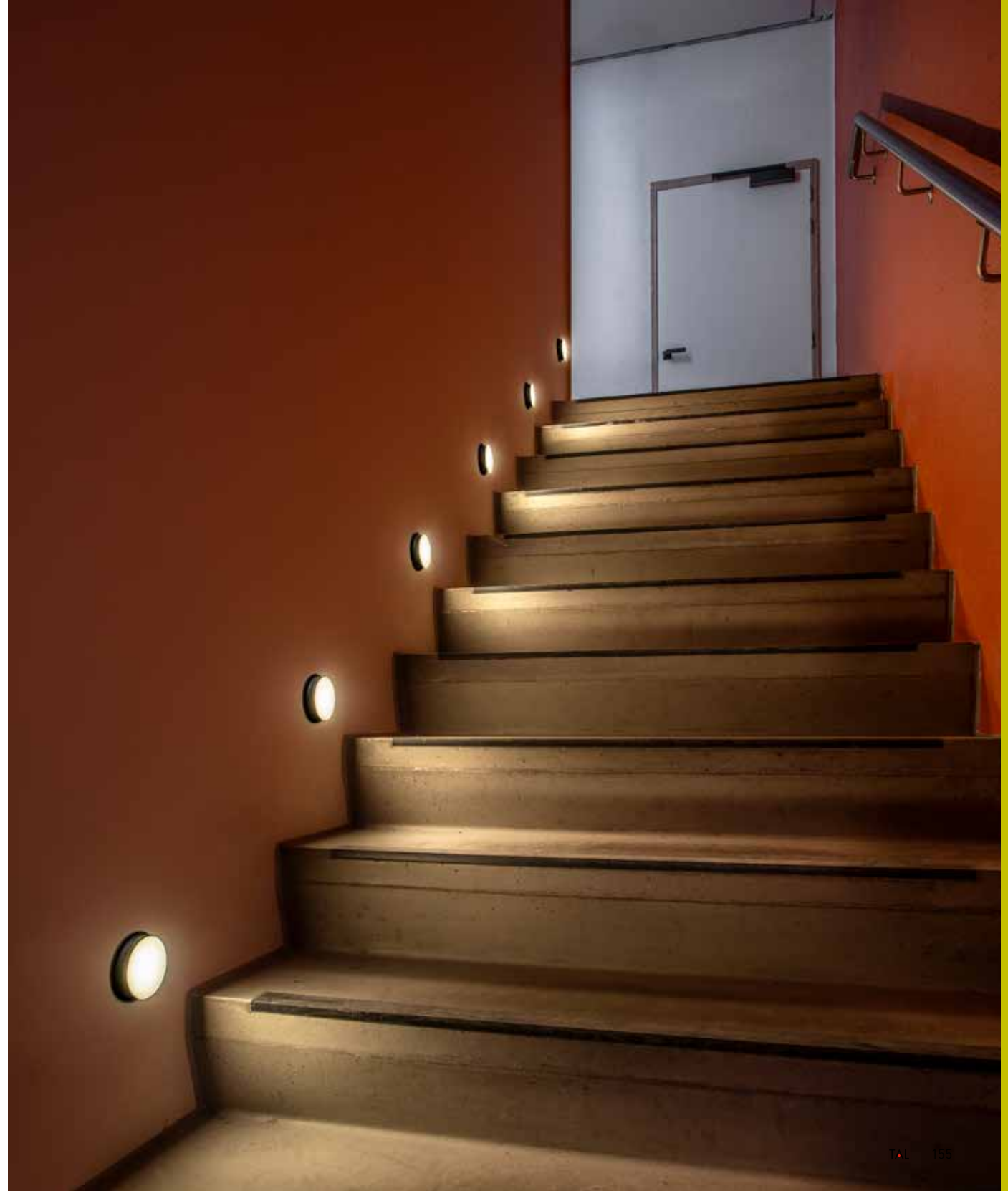
	2700K	3000K
TEXT. WHITE	177347	177357
TEXT. BLACK	177326	177336
GOLD 24K	177313	177323



p. 216

CONVERTER p.554

wall recessed

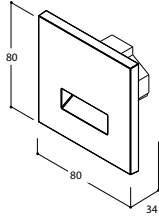


FONDA NPG

wall recessed

☑ FONDA NPG





SMD LED 1W
230V - AC

A⁺

CE

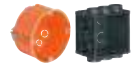
IP 20

F

0.2

	2700K	3000K
TEXT. WHITE	452057	452047
TEXT. BLACK	452036	452026

FITS ON STANDARD ELECTRICAL
ACCESSORY BOX WITH SCREWS



145900



CLAMP SET



INSTALLATION FONDA NPG

wall recessed

FONDA NPG

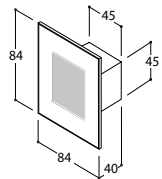


ELITE NPG

wall recessed

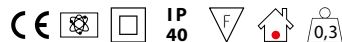


ELITE NPG



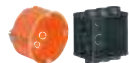
SMD LED 1W
230V - AC
beam 120°

A⁺



	2700K	3000K
TEXT. WHITE	145531	145611
TEXT. BLACK	145567	145626
CHROME	145541	145621
STAINLESS STEEL	145530	145610

FITS ON STANDARD ELECTRICAL
ACCESSORY BOX WITH SCREWS



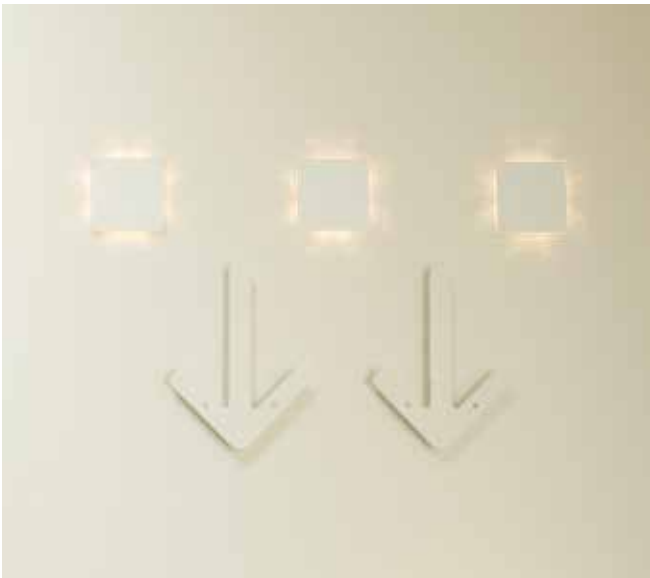
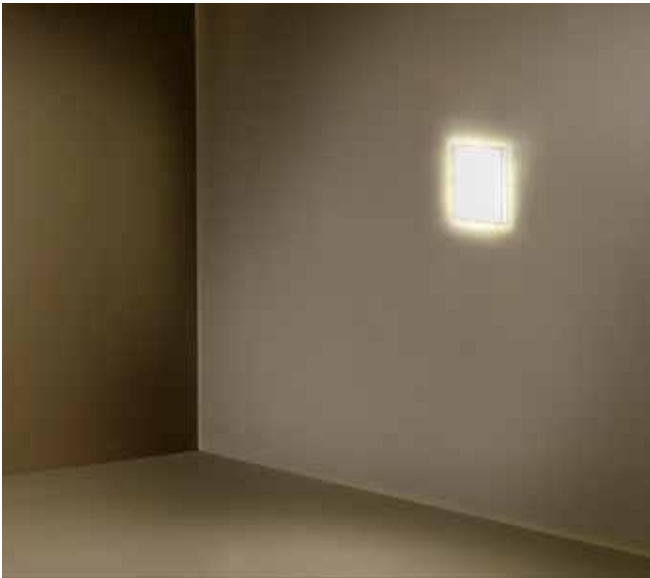
145900

CLAMP SET

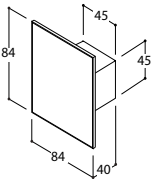


wall recessed

ELITE XT



 ELITE XT



CREE XPE (x1) 1,2W
230V - AC



	2700K	3000K	6250K	AMBER	RED	GREEN	ROYAL BLUE
STAINLESS STEEL	304720	304220	304120	304320	304420	304620	304820
TEXT. WHITE	304757	304257	304157	304357	304457	304657	304857
CHROME	304731	304231	304131	304331	304431	304631	304821

FITS ON STANDARD ELECTRICAL
ACCESSORY BOX WITH SCREWS



145900

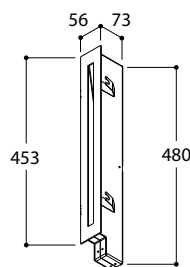


CLAMP SET

MIND the GAP



MIND the GAP

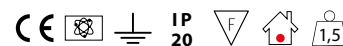


LUXEON M 3,82W
230V - AC
400 lumen
UP or DOWN

A++

445 x 43 mm

Installation depth 80 mm



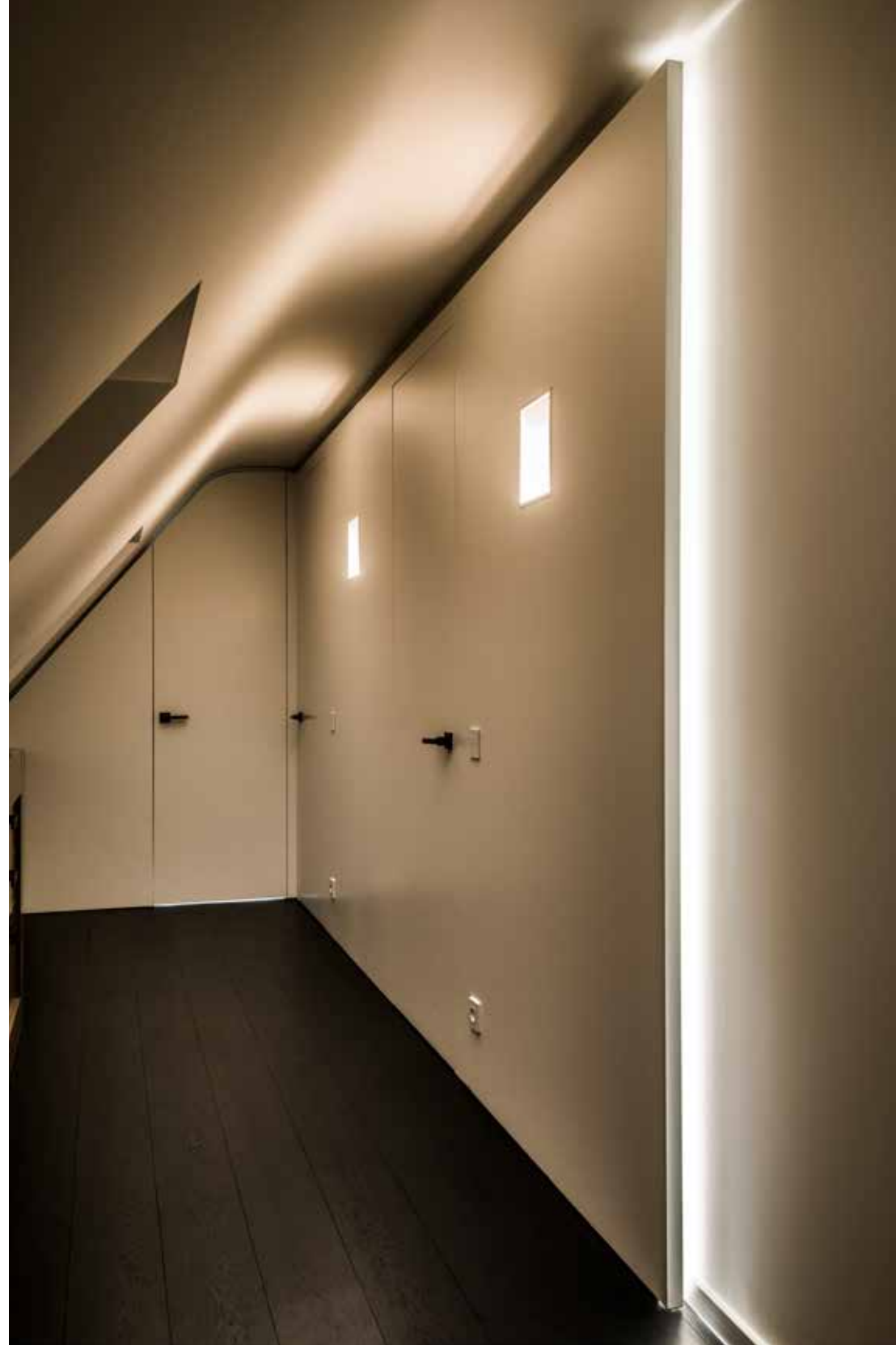
	2700K	3000K
TEXT. WHITE	406147	406137
BLACK + GOLD	406196	406186
TEXT. WHITE + GOLD	406192	406182

- INSTALL. FRAME FOR PLASTER 406097 459 x 57 mm
- INSTALL. BOX FOR PLASTER 406077 660 x 114 x 114 mm



wall recessed



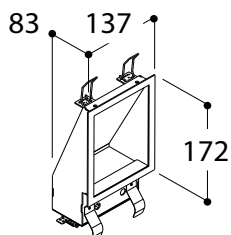


wall recessed

EOS LED



EOS S



CITIZEN L 6,44W
230V - AC
595 Lumen
⬆ UP or ⬇ DOWN

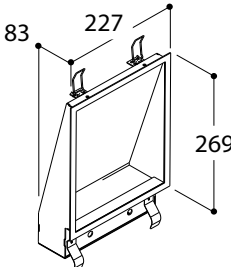
A+

117 x 157 mm
Installation height 85 mm

	2700K	3000K
TEXT. WHITE	254037	254047
BLACK + GOLD	254086	254096

Ⓢ INSTAL. FRAME FOR PLASTER **255590** 321 x 131 x 96 mm
 Ⓢ INSTAL. BOX FOR PLASTER **255595** 321 x 131 x 96 mm

EOS M 600



Led Array 4,2W
230V - AC
600 Lumen
⬆ UP or ⬇ DOWN

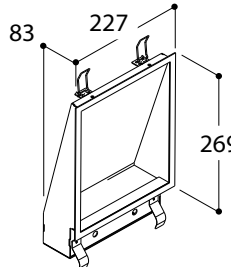
A++

207 x 255 mm
Installation height 85 mm

	2700K	3000K
TEXT. WHITE	258037	258047
BLACK + GOLD	258086	258096

Ⓢ INSTAL. FRAME FOR PLASTER **255690** 464 x 219 x 96 mm
 Ⓢ INSTAL. BOX FOR PLASTER **255695** 464 x 219 x 96 mm

EOS M 1200



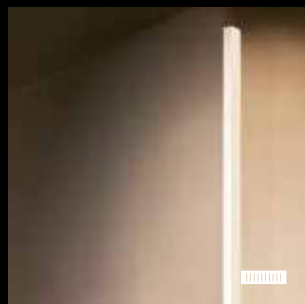
Led Array 8,4W
230V - AC
1200 Lumen
⬆ UP or ⬇ DOWN

A++

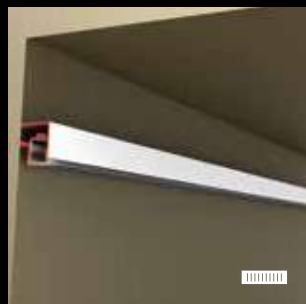
207 x 255 mm
Installation height 85 mm

	2700K	3000K
TEXT. WHITE	258137	258147
BLACK + GOLD	258186	258196

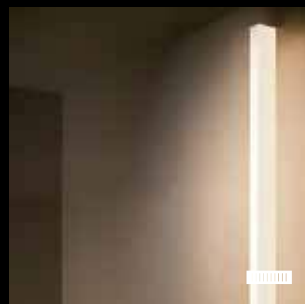
Ⓢ INSTAL. FRAME FOR PLASTER **255690** 464 x 219 x 96 mm
 Ⓢ INSTAL. BOX FOR PLASTER **255695** 464 x 219 x 96 mm



1U 424



1U WALL 438



2U 464



2U WALL 464



BARRIER SURFACE 206



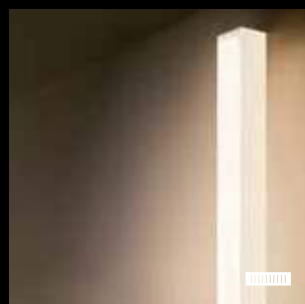
BLOX 176



DARTLING OAK 181



DIABOLO M 216



DORMENT 504



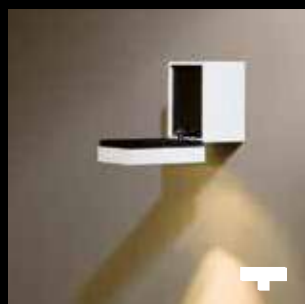
FABIAN 218



FUNNEL WALL 170



HABANA 168



PANDORA 236



ROLLO 212



TELESCOOP SURFACE 222

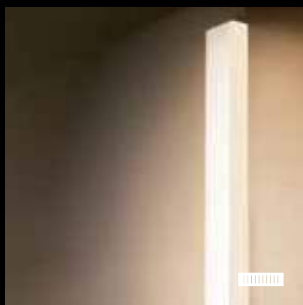


WODAN 224

wall surface



BOA 172



BORITI 510



BOWL 174



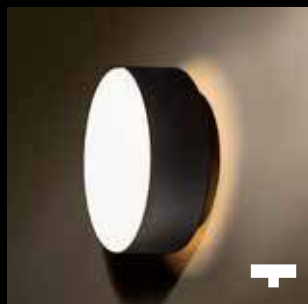
BRIX 175



CHROMOS 166



DARTLING 178



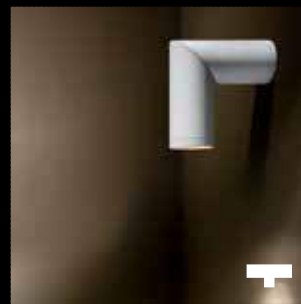
HUBBLE 215



MAZ 232



MICRO SCOOP 188



MINI SCOOP DEIMOS 192



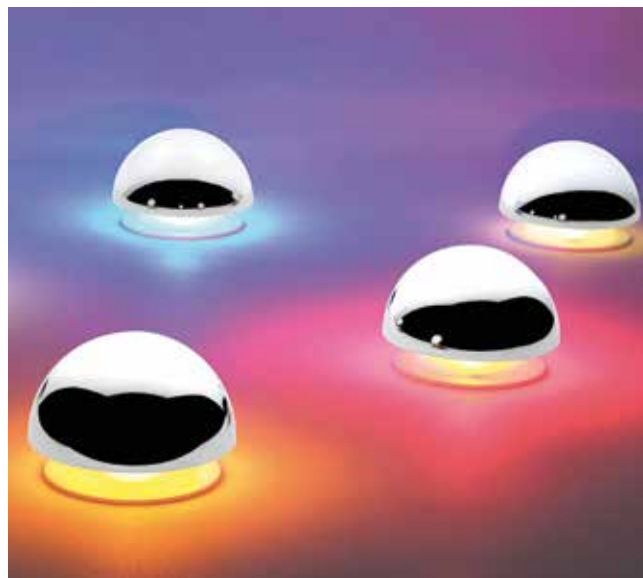
NOBEL ELBOW 184



NELSON SURFACE 223

CHROMOS

wall surface

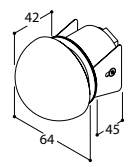


CHROMOS



CHROMOS RGB



		CREE XPE 1,2W 350mA DC dimmable PWM or CCR		A+	
⌀ 48 mm Installation depth 45 mm		2700K	3000K	AMBER	RED
TEXT. WHITE		177078	177927	177037	177047
TEXT. BLACK		177076	177928	177036	177046
CHROME		177070	177920	177030	177040
			6250K	GREEN	ROYAL BLUE
TEXT. WHITE			177517	177067	177087
TEXT. BLACK			177516	177066	177086
CHROME			177510	177060	177080
Ⓢ INSTAL. BOX FOR PLASTER ⌀ 92 x H77 mm		177077			
Ⓢ INSTAL. FRAME FOR PLASTER ⌀ 48 mm		177097			

CONVERTER p.554

CREE XPE 4W

350mA DC

dimmable PWM or CCR

A⁺

⌀ 48 mm

Installation depth 45 mm

IP 20

RGB

TEXT. WHITE

177118

TEXT. BLACK

177116

CHROME

177110

⊕ INSTAL. BOX FOR PLASTER

177077

⌀ 92 x H77 mm

⊕ INSTAL. FRAME FOR PLASTER

177097

⌀ 48 mm

wall surface



HABANA

wall surface



HABANA WC SINGLE BEAM



LUXEON M LED 3,82W
 350mA DC
 400 Lumen
 beam 36°
 □UP or □DOWN

CE, , , IP 20, , , 

	2700K	3000K
TEXT. WHITE	467047	467067
TEXT. BLACK	467026	467046
BLACK + GOLD	467096	467016
CU ₂₉ + BLACK FOCUS & BASE	467057	467077

FITS ON STANDARD ELECTRICAL ACCESSORY BOX WITH SCREWS



CONVERTER p.554

HABANA CI SINGLE BEAM



LUXEON M LED 3,82W
 230V - AC
 400 Lumen
 beam 36°
 □UP or □DOWN

CE, , , IP 20, , , 

	2700K	3000K
TEXT. WHITE	467247	467267
TEXT. BLACK	467226	467246
BLACK + GOLD	467296	467216
CU ₂₉ + BLACK FOCUS & BASE	467257	467277



HABANA UP/DOWN WC



LUXEON M LED 2x 3,82W
 350mA DC
 2x 400 Lumen
 beam 36°
 □UP DOWN

CE, , , IP 20, , , 

	2700K	3000K
TEXT. WHITE	467147	467167
TEXT. BLACK	467126	467146
BLACK + GOLD	467196	467116
CU ₂₉ + BLACK FOCUS & BASE	467157	467177

FITS ON STANDARD ELECTRICAL ACCESSORY BOX WITH SCREWS



CONVERTER p.554

HABANA UP/DOWN CI



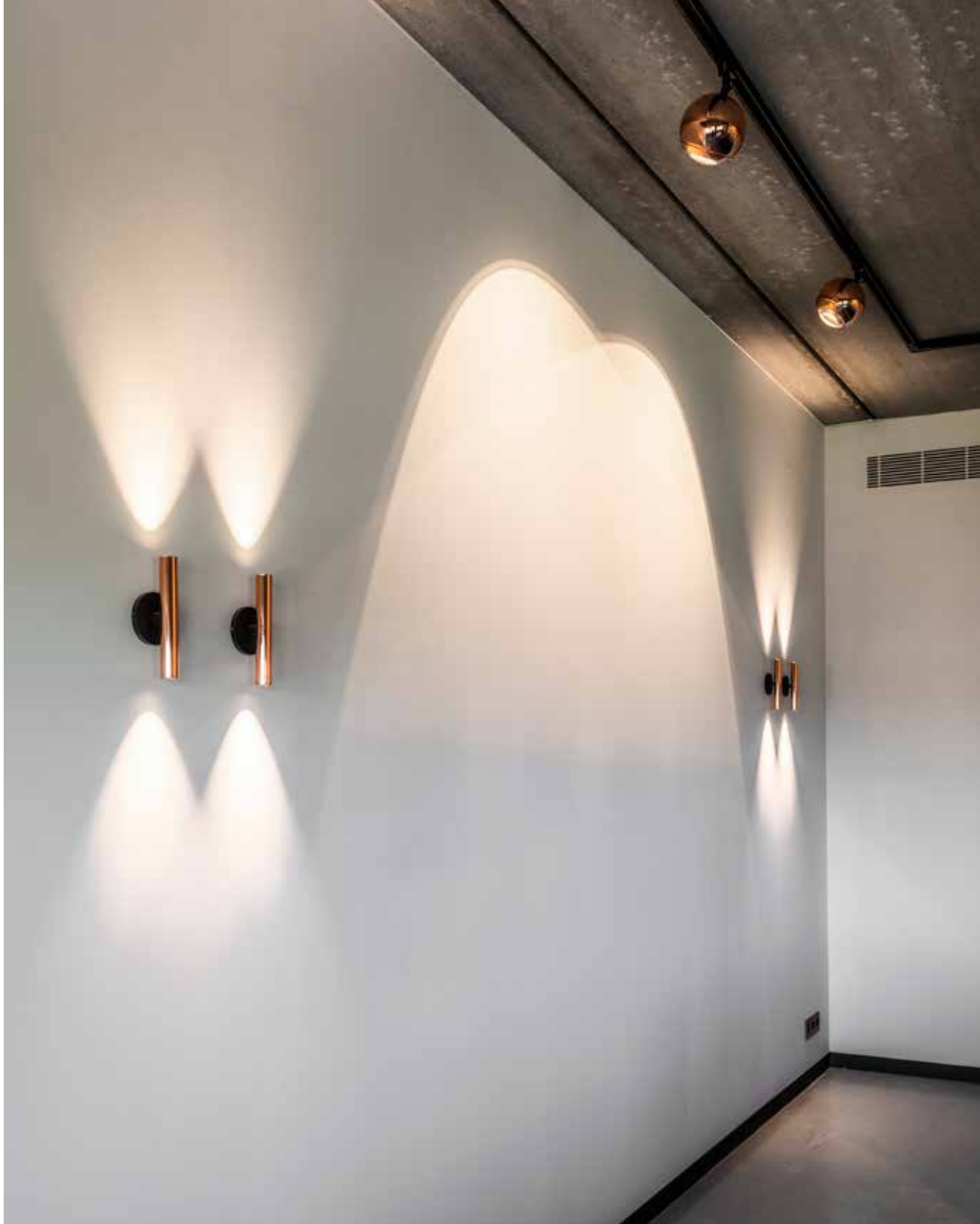
LUXEON M LED 2x 3,82W
 230V - AC
 2x 400 Lumen
 beam 36°
 □UP DOWN

CE, , , IP 20, , , 

	2700K	3000K
TEXT. WHITE	467347	467367
TEXT. BLACK	467326	467346
BLACK + GOLD	467396	467316
CU ₂₉ + BLACK FOCUS & BASE	467357	467377

wall surface

HABANA SPECIALS

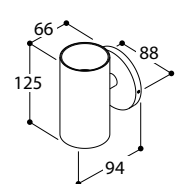


FUNNEL WALL

wall surface



FUNNEL WALL WC SINGLE BEAM

LUXEON M LED 7,84W
700mA DC
755 Lumen
beam 38°
⬆ UP or ⬇ DOWN

A++

CE, RoHS, Energy Label III, IP 20, F, Home, 0,5

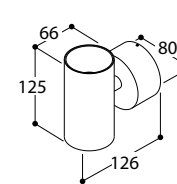
	2700K	3000K
TEXT. WHITE	484747	484757
TEXT. BLACK	484726	484736
TEXT. BLACK + GOLD	484786	484796

FITS ON STANDARD ELECTRICAL ACCESSORY BOX WITH SCREWS



CONVERTER p.554

FUNNEL WALL CI SINGLE BEAM

LUXEON M LED 7,84W
230V - AC
755 Lumen
beam 38°
⬆ UP or ⬇ DOWN

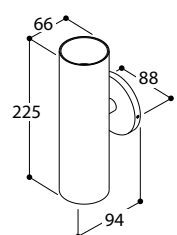
A++

CE, RoHS, Energy Label III, IP 20, F, Home, 0,6

	2700K	3000K
TEXT. WHITE	484847	484857
TEXT. BLACK	484826	484836
TEXT. BLACK + GOLD	484886	484896



FUNNEL WALL UP/DOWN WC

LUXEON M LED 2x 5,53W
500mA DC
2x 570 Lumen
beam 38°
⬆ UP DOWN

A++

CE, RoHS, Energy Label III, IP 20, F, Home, 0,9

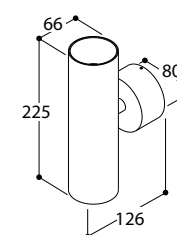
	2700K	3000K
TEXT. WHITE	485747	485757
TEXT. BLACK	485726	485736
TEXT. BLACK + GOLD	485786	485796

FITS ON STANDARD ELECTRICAL ACCESSORY BOX WITH SCREWS



CONVERTER p.554

FUNNEL WALL UP/DOWN CI

LUXEON M LED 2x 5,53W
230V - AC
2x 570 Lumen
beam 38°
⬆ UP DOWN

A++

CE, RoHS, Energy Label III, IP 20, F, Home, 1,0

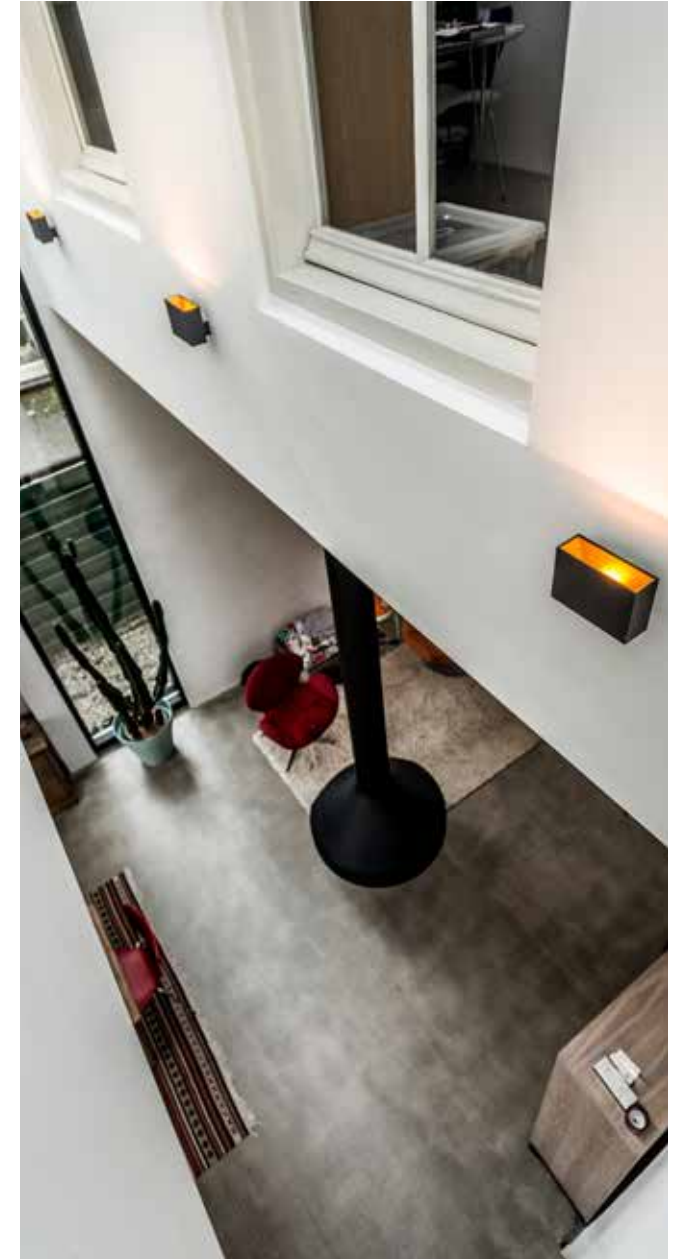
	2700K	3000K
TEXT. WHITE	485847	485857
TEXT. BLACK	485826	485836
TEXT. BLACK + GOLD	485886	485896

wall surface



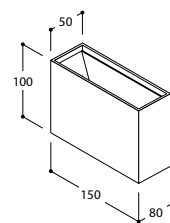
BOA SINGLE BEAM

wall surface



BOA SINGLE BEAM

1



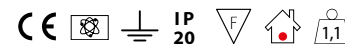
CITIZEN 6,44W

230V - AC

595 Lumen

□UP or □DOWN

A⁺



	2700K	3000K
TEXT. WHITE	405247	405237
BLACK + GOLD	405226	405216
TEXT. WHITE + GOLD	405292	405282
TEXT. BLACK + WHITE	405295	405285

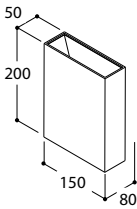


wall surface

BOA UP/DOWN



 BOA UP / DOWN 



CITIZEN LED - 2x 6,44W
230V - AC
2x 595 Lumen
⬆UP DOWN

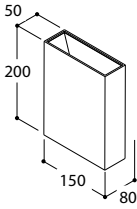
A+

CE   IP 20   

	2700K	3000K
TEXT. WHITE	405347	405337
BLACK + GOLD	405326	405316
TEXT. WHITE + GOLD	405392	405382
TEXT. BLACK + WHITE	405395	405385



 BOA UP / DOWN DIM 



CITIZEN LED - 2x 6,44W
230V - AC
dimmmable C
2x 595 Lumen
⬆UP DOWN

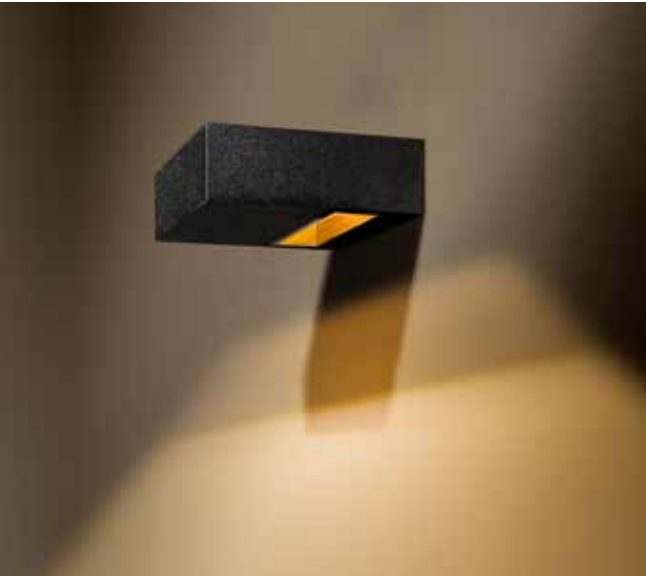
A+

CE   IP 20   

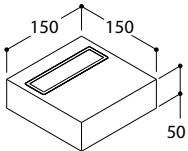
	2700K	3000K
TEXT. WHITE	405447	405437
BLACK + GOLD	405426	405416
TEXT. WHITE + GOLD	405492	405482
TEXT. BLACK + WHITE	405495	405485

BO@L

wall surface



BO@L



CITIZEN 6,44W
230V - AC
595 Lumen
⬆UP or ⬇DOWN

A+

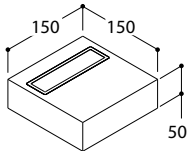
CE   IP 20   

	2700K	3000K
TEXT. WHITE	405747	405737
BLACK + GOLD	405726	405716
TEXT. WHITE + GOLD	405792	405782
TEXT. BLACK + WHITE	405795	405785



BO@L dimmable



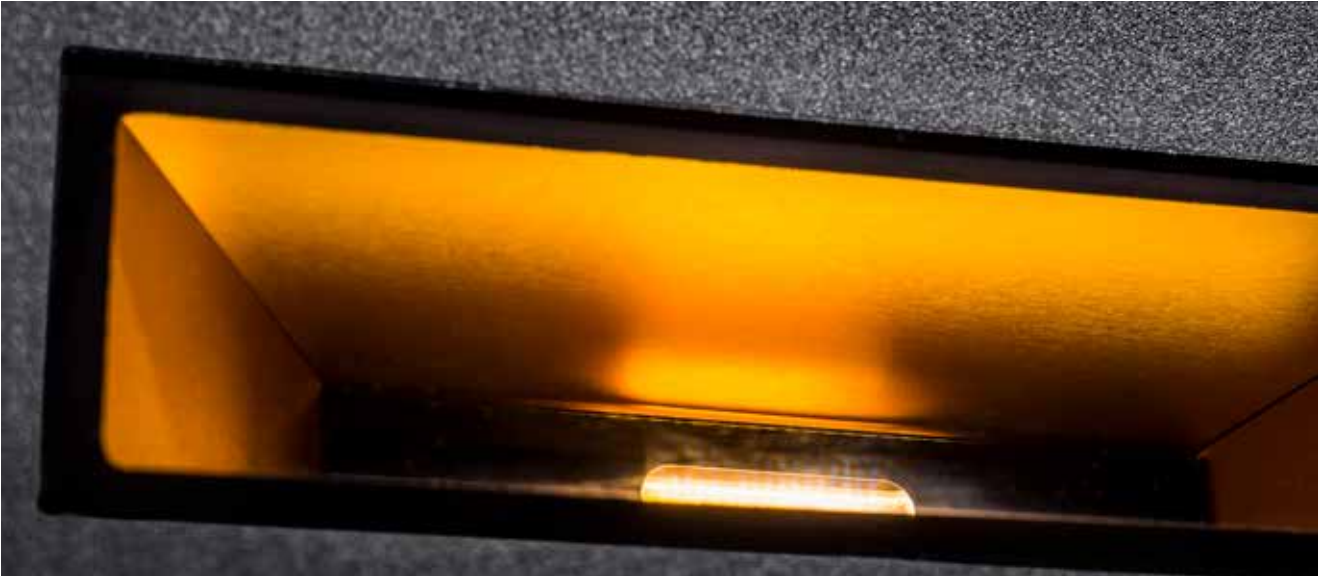
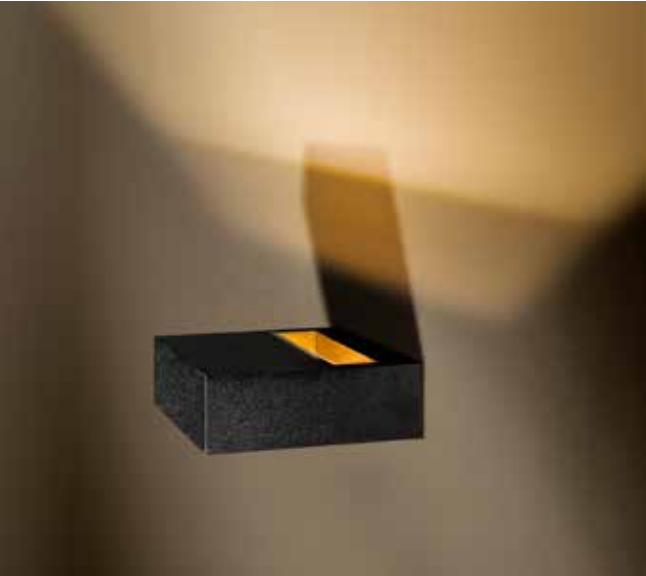


CITIZEN 6,44W
230V - AC
595 Lumen
dimmable C
⬆UP or ⬇DOWN

A+

CE   IP 20   

	2700K	3000K
TEXT. WHITE	405847	405837
BLACK + GOLD	405826	405816
TEXT. WHITE + GOLD	405892	405882
TEXT. BLACK + WHITE	405895	405885



wall surface

BRIX SML



BRIX SML SINGLE BEAM

LUXEON M 3,82W
230V - AC
dimmable L,C
400 Lumen
beam 36°
⬆UP or ⬇DOWN

	2700K	3000K
TEXT. WHITE	458547	458557
TEXT. BLACK	458526	458536
BRUSHED ALU	458512	458522



BRIX SML UP / DOWN

LUXEON M 3,82W x2
230V - AC
dimmable L,C
2x 400 Lumen
beam 36°
⬆UP DOWN

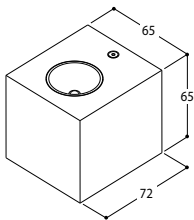
	2700K	3000K
TEXT. WHITE	458647	458657
TEXT. BLACK	458626	458636
BRUSHED ALU	458612	458622



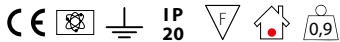
BLOX



 BLOX DOWN SINGLE BEAM



CREE XPE 1,2W
230V - AC
☐ UP or ☐ DOWN



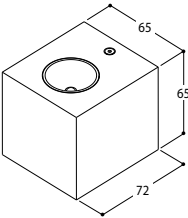
	2700K	3000K
TEXT. WHITE + CHROME	175077	175097
BRUSHED ALU	175078	175098
BLACK + GOLD	175276	175296
TEXTURED BLACK + CU ₂₉	175056	175066



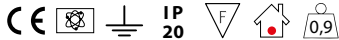
wall surface



 BLOX UP DOWN



CREE XPE (x2) 1,2W
230V - AC
⬆️ UP DOWN



	2700K	3000K
TEXT. WHITE + CHROME	175177	175197
BRUSHED ALU	175178	175198
BLACK + GOLD	175376	175396
TEXTURED BLACK + CU ₂₀	175156	175166



DARTLING SINGLE BEAM

wall surface



359926 DARTLING SINGLE BEAM BLACK + GOLD



359957 DARTLING SINGLE BEAM CU29



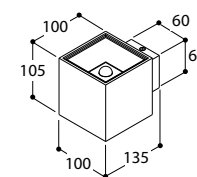
359950 DARTLING SINGLE BEAM TEXT BLACK + ANO



359992 DARTLING SINGLE BEAM TEXT WHITE + GOLD

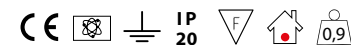
DARTLING SINGLE BEAM

1



LUXEON M 3,82W
230V - AC
dimmable L,C
400 Lumen
beam 36°
⬆UP or ⬇DOWN

A++



	2700K	3000K
TEXT WHITE	359918	359928
TEXT WHITE + GOLD	359992	359982
BRUSHED ALU	359900	359920
TEXT BLACK + ANO	359950	359970
BLACK + GOLD	359926	359946
CU29	359957	359977
TEXT BLACK + CU29 INTERIOR	359956	359976

wall surface

DARTLING UP-DOWN



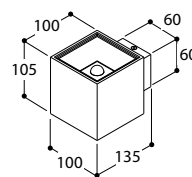
DARTLING UP-DOWN

wall surface



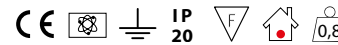
DARTLING UP-DOWN

1



LUXEON M 3,82W x2
230V - AC
dimable L,C
2X400 lm
beam 36°
UP DOWN

A++

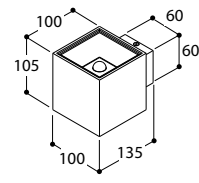


	2700K	3000K
TEXT WHITE	359818	359828
BLACK + GOLD	359826	359846
TEXT WHITE + GOLD	359892	359882
BRUSHED ALU	359800	359820
TEXT BLACK + ANO	359850	359870
CU29	359857	359877
TEXT BLACK + CU29 INTERIOR	359856	359876

wall surface



 DARTLING OAK SINGLE BEAM



LUXEON M 3,82W
230V - AC
dimmable L,C
400 lm
beam 36°
⬆ UP or ⬇ DOWN

	2700K	3000K
OAK + TEXTURED WHITE	351047	351057
OAK + COPPER REFLECTOR	351050	351060
BLACK OAK + GOLD REFLECTOR	351086	351096
BLACK OAK + COPPER REFLECTOR	351056	351066

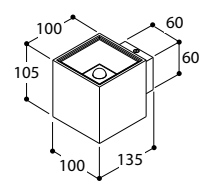


351186 DARTLING BLACK OAK + GOLD REFLECTOR



351147 DARTLING OAK + TEXTURED WHITE

 DARTLING OAK UP-DOWN



LUXEON M 3,82W x2
230V - AC
dimmable L,C
2X400 lm
beam 36°
⬆ UP DOWN

	2700K	3000K
OAK + TEXTURED WHITE	351147	351157
OAK + COPPER REFLECTOR	351150	351160
BLACK OAK + GOLD REFLECTOR	351186	351196
BLACK OAK + COPPER REFLECTOR	351156	351166

ceiling mounted



1U 424



2U 464



BERRIER 206



BOA 231



BORITI 510



DADO S 233



FABIAN OAK 220



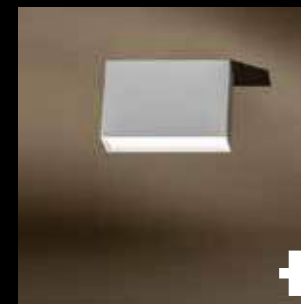
FUNNEL ELBOW 197



HUBBLE 215



LEYE 221



MAZ 232



MICRO SCOOP 188



ROBAN 210



ROLLO 212



SPINA ON 198



SPINA ON SPLASH 201



SPINA ELBOW 203



SURFACE KITS 242

ceiling mounted



DIABOLO M 216



DICE 226



DJANGO 234



DOMINO 241



DORMENT 504



FABIAN 218



MICRO TOMMY 229



MINI SCOOP DEIMOS 192



NELSON SURFACE 223



NOBEL ELBOW 184



ODIL 238



PANDORA 236



TELESCOOP SURFACE 222



THOR 208



TIMBER 221



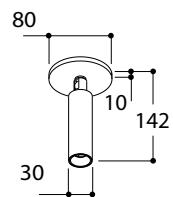
WODAN 224

NOBEL ELBOW

ceiling mounted



NOBEL ELBOW WC

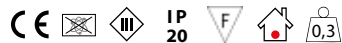


LUXEON M 3,82W
350mA DC
400 Lumen
dimmmable PWM or CCR
beam 36°
↺ 359° ↻ 90°

A++

42 mm

Installation height 40 mm



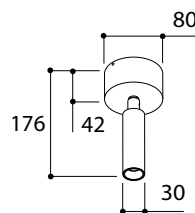
2700K 3000K

TEXT. WHITE	459047	459036
TEXT. BLACK	459026	459057
BLACK + GOLD	459096	459086
GOLD 24K	459013	459003

FITS ALSO ON STANDARD ROUND ELECTRICAL
ACCESSORY BOX WITH SCREWS



NOBEL ELBOW 1 BASE



LUXEON M 3,82W
230V - AC
400 Lumen
beam 36°
↺ 359° ↻ 90°

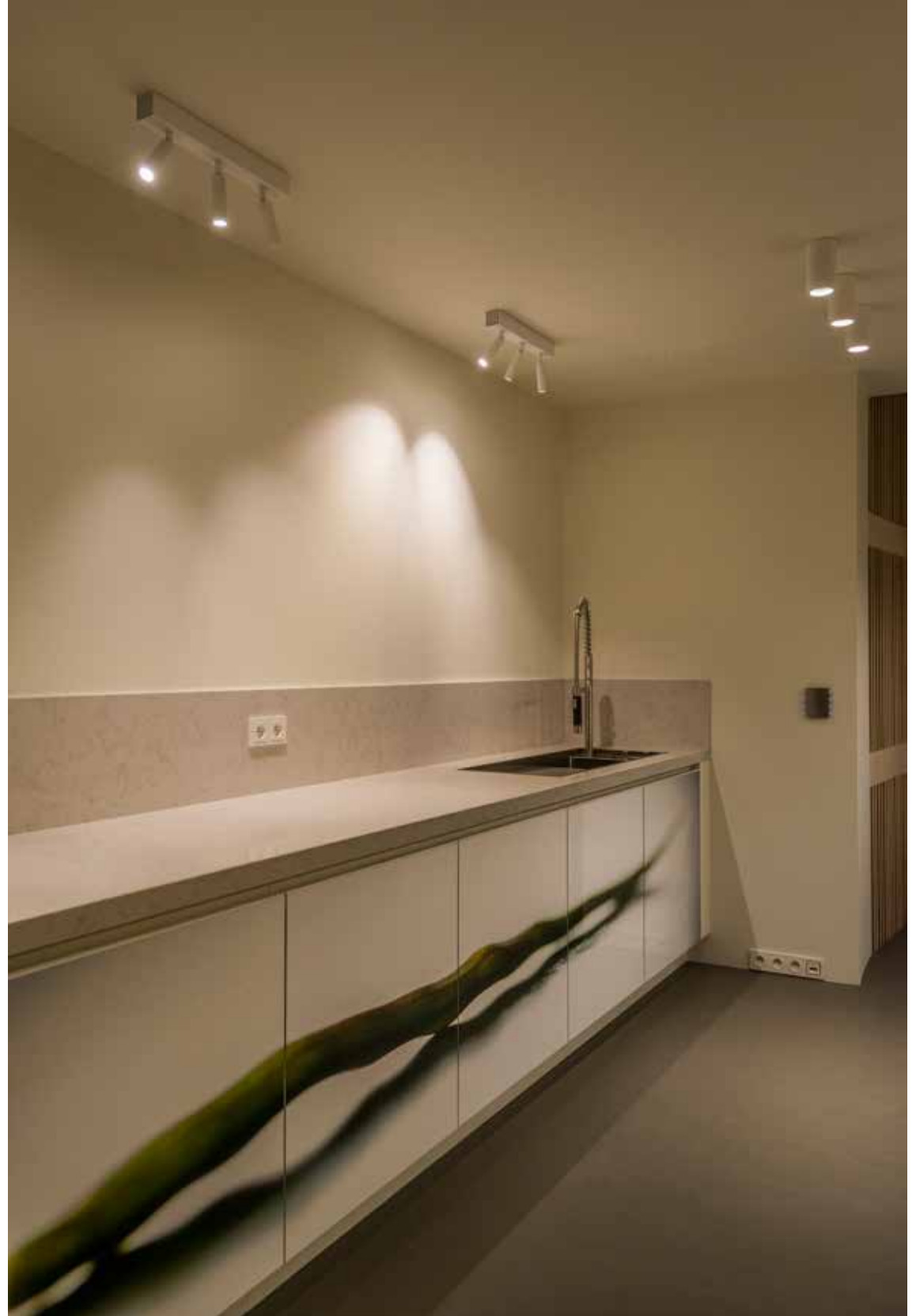
A++



2700K 3000K

TEXT. WHITE	459147	459157
TEXT. BLACK	459126	459136
BLACK + GOLD	459196	459186
GOLD 24K	459113	459103



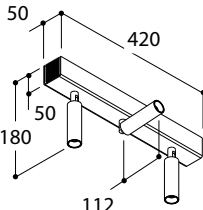


ceiling mounted

NOBEL ELBOW



NOBEL ELBOW 3 BASE



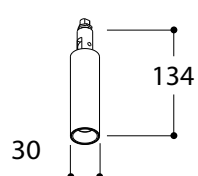
LUXEON M 3 x 3,82W
230V - AC
3 x 400 Lumen
beam 36°
↺ 359° ↻ 90°

A++

CE   IP 20   

	2700K	3000K
TEXT. WHITE	459247	459257
TEXT. BLACK	459226	459236
BLACK + GOLD	459296	459286

NOBEL ELBOW M10



LUXEON M 3,82W
350mA DC
400 Lumen
beam 36°
dimable PWM or CCR
↺ 359° ↻ 90°

A++

CE   IP 20   

	2700K	3000K
TEXT. WHITE	459547	459557
TEXT. BLACK	459526	459536
Cu ₂₈ + BLACK FOCUS	459567	459577
GOLD 24K	459513	459503

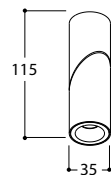
 M10 BASES SEE P. 244

MICRO SCOOP

ceiling mounted

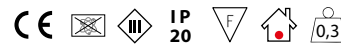


MICRO SCOOP



LUXEON M LED 3,82W
350mA DC
400 LUMEN
dimnable PWM or CCR
beam 36°
359° TILT 90°

A++



	2700K	3000K
TEXT. WHITE	407027	407227
TEXT. BLACK	407026	407226
TEXT. WHITE + BLACK	407095	407295
TEXT. WHITE + CHROME	407020	407220
BLACK+GOLD	407096	407296
CU ₂₅ + BLACK FOCUS	407057	407257
MICROSCOOP WALL ADAPTER TEXT. BLACK	407926	
MICROSCOOP WALL ADAPTER TEXT. WHITE	407947	



WALL ADAPTER FITS ALSO ON STANDARD
ELECTRICAL ACCESSORY BOX WITH SCREWS



CONVERTER p.554





ceiling mounted



ceiling mounted

MICRO SCOOP



MINI SCOOP DEIMOS

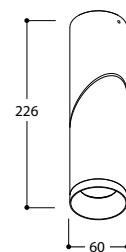
ceiling mounted



DETAIL MINI SCOOP DEIMOS 38°

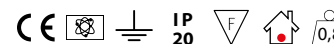


MINI SCOOP DEIMOS CI



LUXEON M 7,84W
230V AC
755 lumen
359° TILT 90°

A+



	2700K			3000K		
	9°	38°	60°	9°	38°	60°
TEXT. WHITE	179727	179747	179767	179737	179757	179777
TEXT. BLACK	179706	179726	179746	179716	179736	179756

- MINI SCOOP FOOT TEXT. WHITE
- MINI SCOOP FOOT TEXT. BLACK

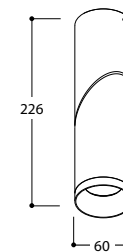
179090
179091



GU10 versions: see website



MINI SCOOP DEIMOS WC



LUXEON M 7,84W
700mA DC
755 lumen
dimable PWM or CCR
359° TILT 90°

A+



	2700K			3000K		
	9°	38°	60°	9°	38°	60°
TEXT. WHITE	179827	179847	179867	179837	179857	179877
TEXT. BLACK	179806	179826	179846	179816	179836	179856

- MINI SCOOP FOOT TEXT. WHITE
- MINI SCOOP FOOT TEXT. BLACK

179090
179091



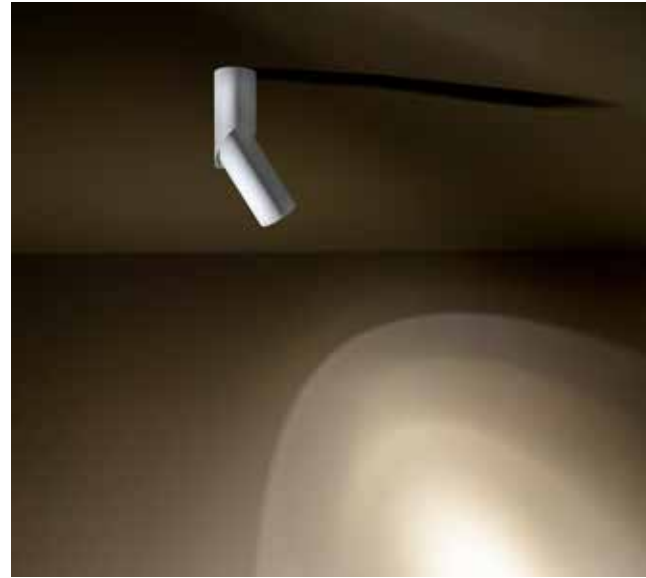
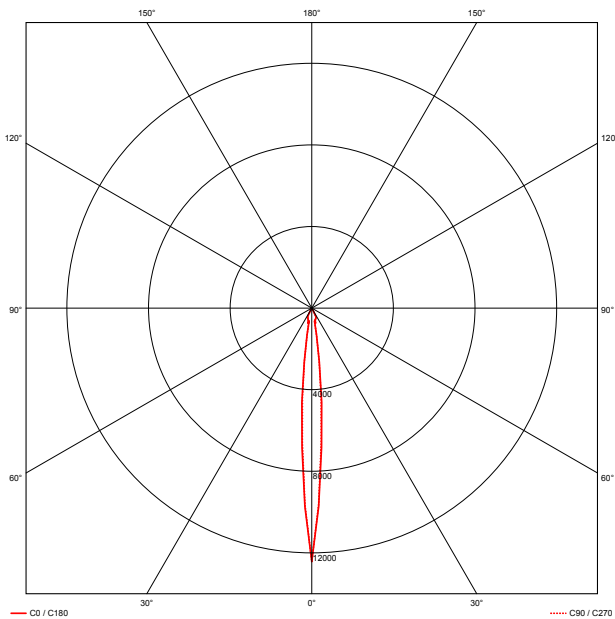
CONVERTER p.560

ceiling mounted

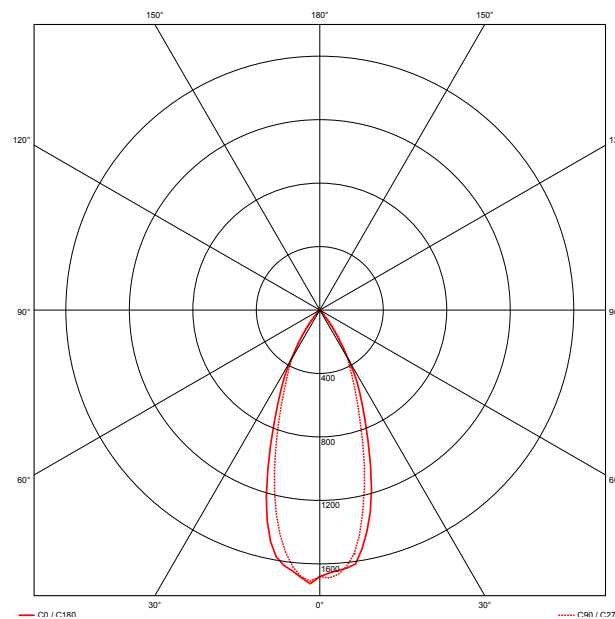
MINI SCOOP DEIMOS



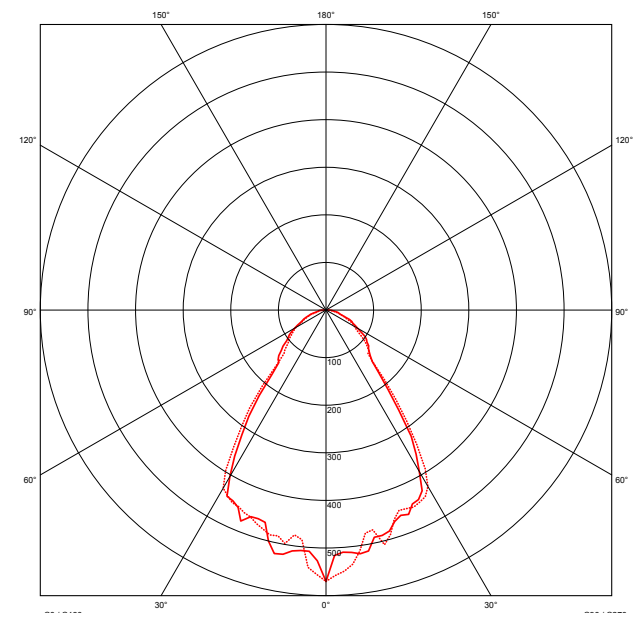
9°



38°



60°





ceiling mounted

MINI SCOOP DEIMOS





ceiling mounted

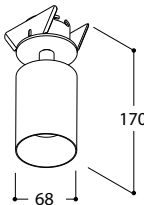


ceiling mounted  56 mm 

FUNNEL ELBOW



FUNNEL ELBOW HALOLED LEAF



LUXEON M LED 7,84W
700mA DC
755 lumen
beam 36°
dimmmable PWM or CCR
↻ 359° ↻ 40°

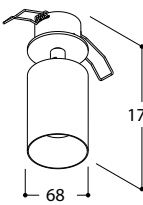
A+

 56 mm
Installation height 40 mm

	      	
	2700K	3000K
TEXT. WHITE	484247	484347
TEXT. BLACK	484226	484326

CONVERTER p.560

FUNNEL ELBOW HALOLED TORSION



LUXEON M LED 7,84W
700mA DC
755 lumen
beam 36°
dimmmable PWM or CCR
↻ 359° ↻ 40°

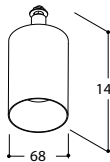
A+

 56 mm
Installation height 40 mm

	      	
	2700K	3000K
TEXT. WHITE	484047	484147
TEXT. BLACK	484026	484126

CONVERTER p.560

FUNNEL ELBOW HALOLED M10



LUXEON M LED 7,84W
700mA DC
755 lumen
beam 36°
dimmmable PWM or CCR
↻ 359° ↻ 40°

A+

	2700K	3000K
TEXT. WHITE	484447	484547
TEXT. BLACK	484426	484526

 M10 BASES SEE P. 244

SPINA ON HALOLED

ceiling mounted



SPINA ON HALOLED

LUXEON M LED 7,84W

700mA DC

755 lumen

beam 36°

dimmable PWM or CCR

2700K

3000K

TEXT. WHITE

433047

433048

TEXT. BLACK

433026

433027

TEXT. WHITE + GOLD

433092

433093

BLACK + GOLD

433096

433097

p. 96

CONVERTER p.560

 GU10 versions: see website

SPINA ON 220 HALOLED

LUXEON M LED 7,84W

230V - AC

755 lumen

beam 36°

dimmable L,C

2700K

3000K

TEXT. WHITE

433547

433548

TEXT. BLACK

433526

433527

TEXT. WHITE + GOLD

433592

433593

BLACK + GOLD

433596

433597

SPINA ON 300 HALOLED

LUXEON M LED 7,84W

230V - AC

755 lumen

beam 36°

dimmable L,C

A⁺

IP
20

2700K

3000K

TEXT. WHITE

433447

433448

TEXT. BLACK

433426

433427

TEXT. WHITE + GOLD

433492

433493

BLACK + GOLD

433496

433497



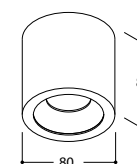




SPINA ON SPLASH

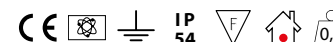


SPINA ON SPLASH IP54



LUXEON M LED 7,84W
230V- AC
mains dimmable L,C
400 lumen

A⁺



	2700K	3000K
TEXT. WHITE	433847	433848
TEXT. BLACK	433826	433827
TEXT. WHITE + GOLD	433892	433893
BLACK + GOLD	433896	433897





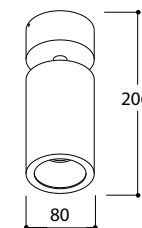
SPINA ELBOW



433196 - SPINA ELBOW BLACK+GOLD

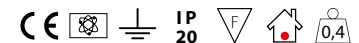


SPINA ELBOW HALOLED



LUXEON M LED 7,84W
230V - AC
755 lumen
beam 36°
dimnable L,C
↻ 359° ↻ 40°

A⁺



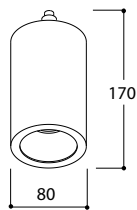
	2700K	3000K
TEXT. WHITE	433147	433148
TEXT. BLACK	433126	433127
TEXT. WHITE + GOLD	433192	433193
BLACK + GOLD	433196	433197

GU10 versions: see website

SPINA ELBOW M10



halo SPINA ELBOW M10 HALOLED



LUXEON M LED 7,84W
230V - AC
755 lumen
beam 36°
dimmable L,C
359° ↻ 40°

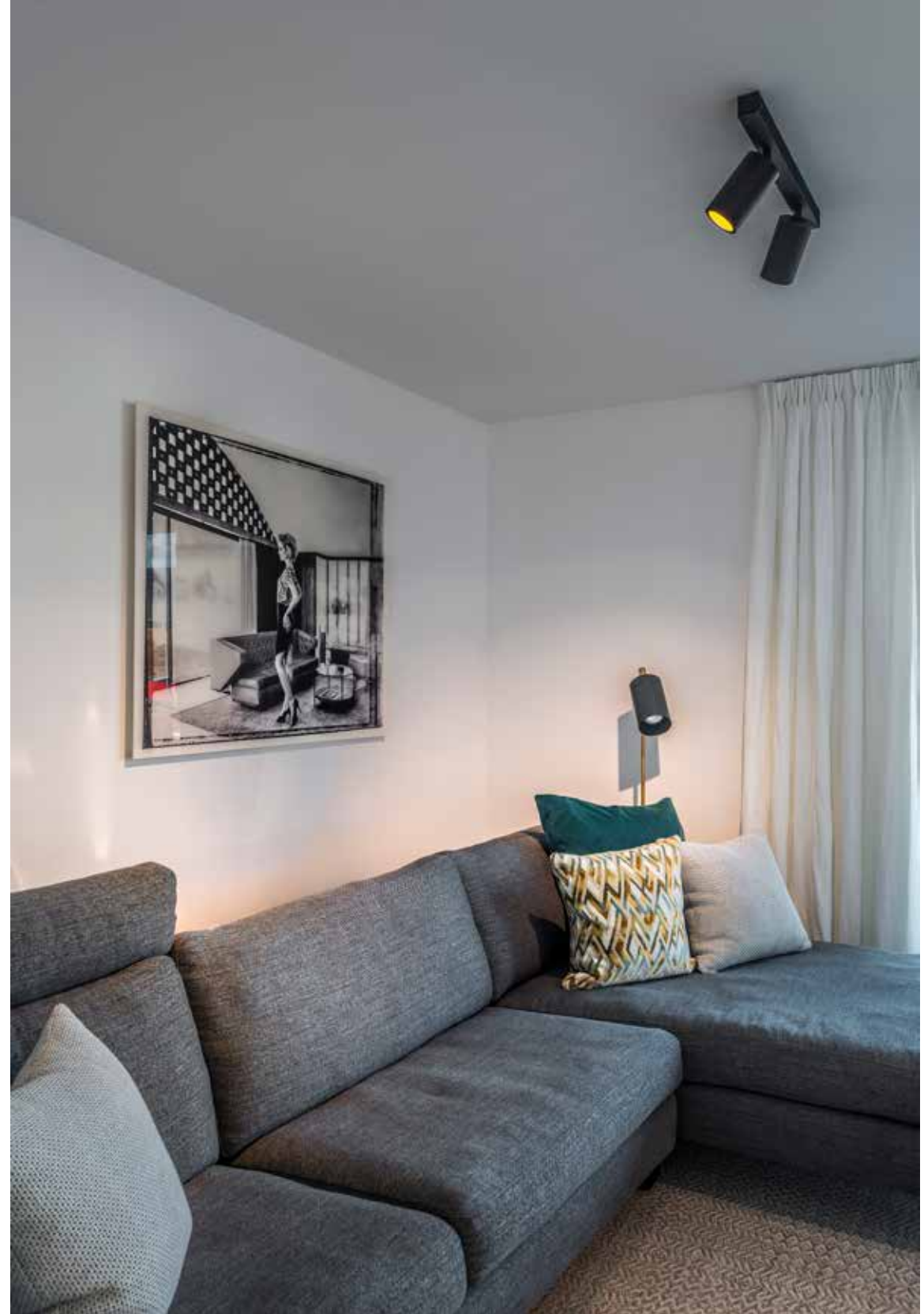
A⁺



	2700K	3000K
TEXT. WHITE	433247	433248
TEXT. BLACK	433226	433227
TEXT. WHITE + GOLD	433292	433293
BLACK + GOLD	433296	433297

M10 BASES SEE P. 244

GU10 versions: see website



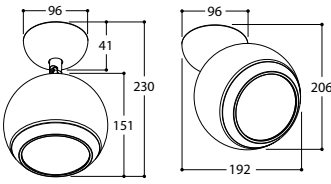


BERRIER NXT

ceiling mounted



 **BERRIER NXT**



PREVALED 12,7W
230V - AC
1100 lumen
beam 60°
dimnable L, C
CRI 90
↻ 359° ↻ 45°

A+

adjust by incorporated hinge with hex key

CE     

	2700K
TEXTURED WHITE	494247
TEXTURED BLACK	494226
TEXTURED RED	494234
BLACK + CHROME	494219
WHITE + CHROME	494220
BLACK + GOLD	494296
CU ₂₉	494250
TEXTURED BLACK + CU ₂₉	494256
CU ₂₉ + TEXTURED BLACK	494257
TEXTURED WHITE (HOUSING) + TEXTURED BLACK (RING)	494294
TEXTURED BLACK (HOUSING) + TEXTURED WHITE (RING)	494295
GOLD 24K	494213

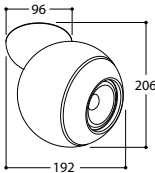


ceiling mounted

BERRIER SPEAKER

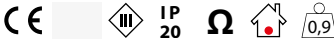


BERRIER SPEAKER



3" full range speaker
power handling 30W
impedance 8 Ohm
frequency response 75Hz - 20kHz
sensitivity 1W/1m - 88dB
↻ 359° ↻ 45°

adjust by incorporated hinge
with hex key



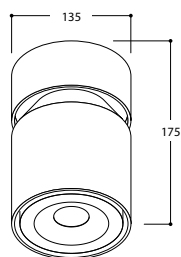
TEXTURED WHITE	411647
TEXTURED BLACK	411626
TEXTURED RED	411634
BLACK + CHROME	411619
WHITE + CHROME	411620
BLACK+GOLD	411696
CU ₂₉	411650
TEXTURED BLACK + CU ₂₉	411656
CU ₂₉ + TEXTURED BLACK	411657
TEXTURED WHITE (HOUSING) + TEXTURED BLACK (RING)	411694
TEXTURED BLACK (HOUSING) + TEXTURED WHITE (RING)	411695

DETAIL BERRIER SPEAKER

THOR

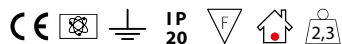


THOR BEAUFORT²



CITIZEN LED 18W
230V - AC
2000 Lumen
359° 30°

A++



	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	102447	102427	102477	102437
TEXT. BLACK	102446	102426	102476	102436

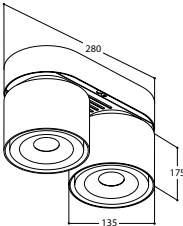


ceiling mounted

THOR TWIN



THOR TWIN BEAUFORT²



CITIZEN LED (x2) - 18W
230V - AC
2x 2000 Lumen
359° 30°

A++



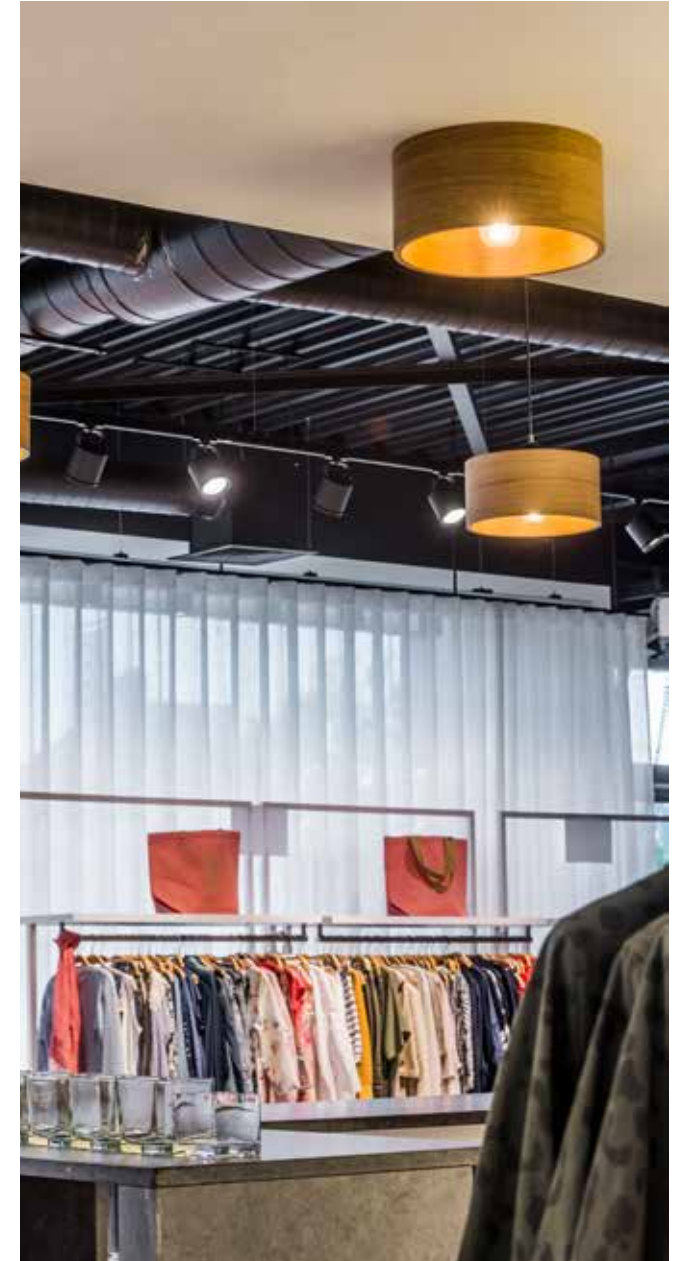
	2700K			3000K		
	24°	35°	70°	24°	35°	70°
TEXT. WHITE	332607	332647	332627	332617	332677	332637
TEXT. BLACK	332606	332646	332626	332616	332676	332636

	4000K		
	24°	35°	70°
TEXT. WHITE	-	332657	332667
TEXT. BLACK	-	332656	332666



ROBAN E27

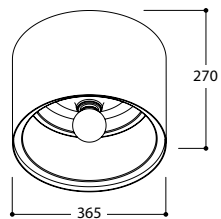
ceiling mounted



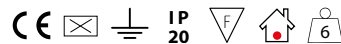
ROBAN SURFACE



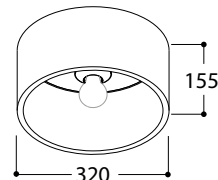
ROBAN OAK



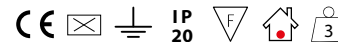
A60 100W
E27
230V - AC
dimmable R: see lamp



TEXT. WHITE	105518
BLACK + GOLD	105526
TEXT. WHITE + GOLD	105527



A60 40W
E27
230V - AC
dimmable see lamp



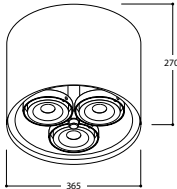
OAK + TEXT. WHITE	481647
OAK + CU ₃₉	481650
OAK + BRASS	481615

ceiling mounted

ROBAN BEAUFORT²



 **ROBAN SURF BEAUFORT²** 



CITIZEN (x3) 18W
230V - AC
3 x 2000 lm
155° 180°

A++



	2700K			3000K		
	24°	35°	70°	24°	35°	70°
TEXT. WHITE	105707	105747	105727	105717	105777	105737
TEXT. BLACK	105706	105746	105726	105716	105776	105736

	4000K		
	24°	35°	70°
TEXT. WHITE	-	105757	105767
TEXT. BLACK	-	105756	105766



ROLLO design by Sylvain Willenz

ceiling mounted

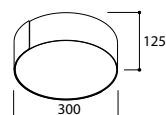


ROLLO SURFACE 300



LED ARRAY 13,8W
230V - AC
1880 Lumen
Opal diffuser
Indirect backlight

A++



	3000K	
	Dimmable L, C	Touch/Dali Dimmable
TEXT. WHITE + BRASS	492057	492067
TEXT. BLACK + BRASS	492056	492066
TEXT. BLACK + CU ₂₉	492050	492060

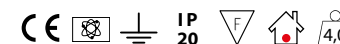
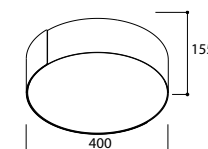


ROLLO SURFACE 400



LED ARRAY 18,3W
230V - AC
2740 Lumen
Opal diffuser
Indirect backlight

A++



	3000K	
	Dimmable L, C	Touch/Dali Dimmable
TEXT. WHITE + BRASS	492257	492267
TEXT. BLACK + BRASS	492256	492266
TEXT. BLACK + CU ₂₉	492250	492260



ceiling mounted

design by Sylvain Willenz **ROLLO**



HUBBLE

design by Sylvain Willenz

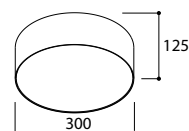
ceiling mounted



HUBBLE SURFACE 300



HUBBLE SURFACE 400



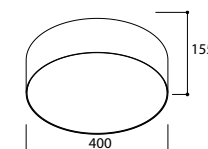
LED ARRAY 13,8W
230V - AC
1880 Lumen
Opal diffuser
Indirect backlight

A++



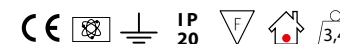
3000K

	Dimmable L, C	Touch/Dali Dimmable
TEXT. WHITE	491847	491857
TEXT. BLACK	491826	491836



LED ARRAY 18,3W
230V - AC
2740 Lumen
Opal diffuser
Indirect backlight

A++



3000K

	Dimmable L, C	Touch/Dali Dimmable
TEXT. WHITE	491867	491877
TEXT. BLACK	491846	491856



design by Sylvain Willenz

HUBBLE

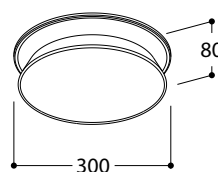
DIABOLO M

design by Cas Moor & Lieven Musschoot

ceiling mounted

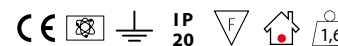


DIABOLO M



LED ARRAY 13,8 W
230V - AC
1880 Lumen
CRI 82

A++

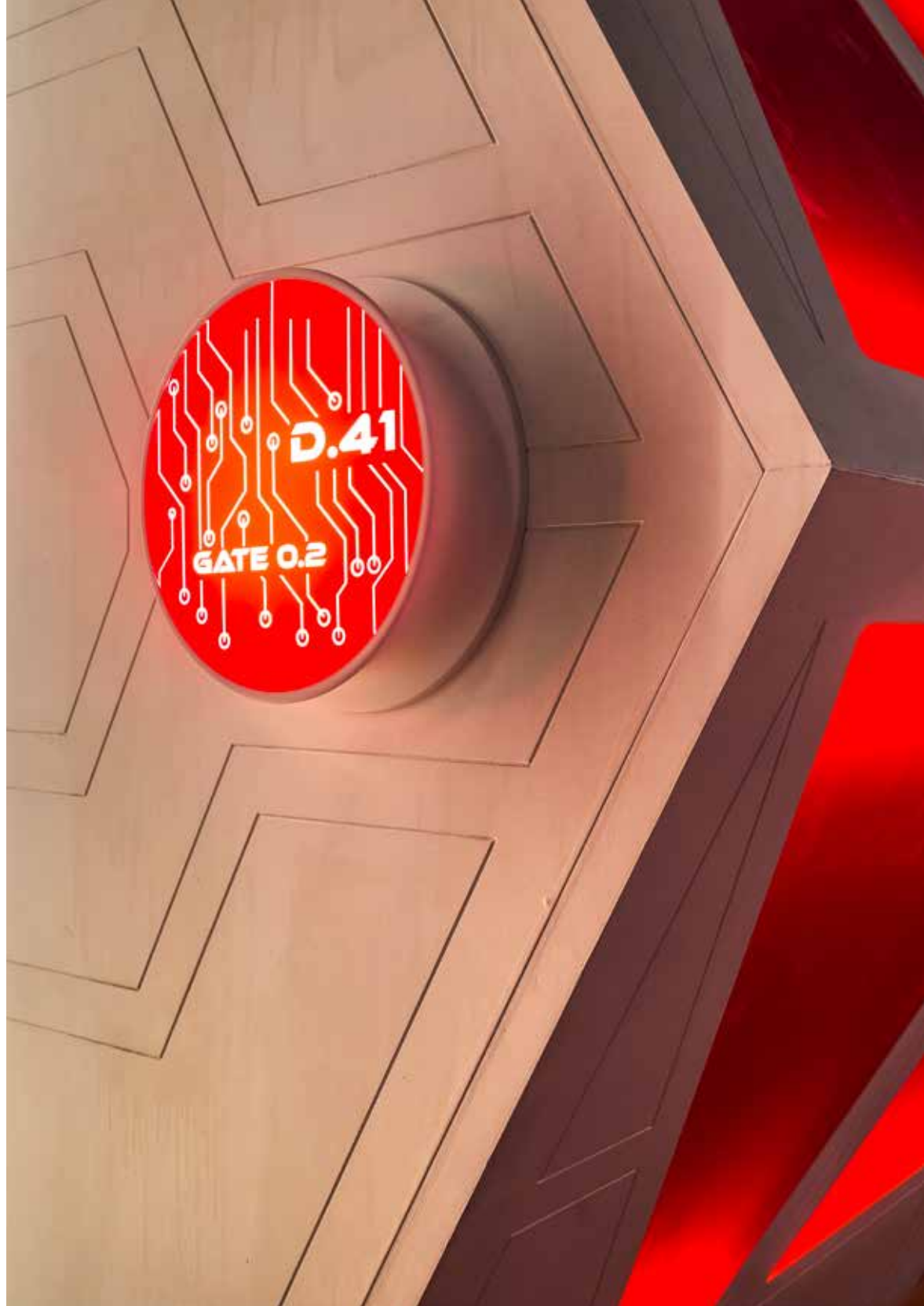


	2700K		3000K		4000K	
	mains dim	dali/touch	mains dim	dali/touch	mains dim	dali/touch
TEXT. WHITE	177637	177737	177647	177747	177657	177757
TEXT. BLACK	177616	177716	177626	177726	177636	177736



p. 154





FABIAN

ceiling mounted



FABIAN 300



LED ARRAY 13,8 W
230V - AC
CRI 82

A++

3000K

4000K

mains dim

dali/touch

mains dim

dali/touch

TEXT. WHITE

620147

620157

620167

620177

TEXT. BLACK

620146

620156

620166

620176

1880 lm

2050 lm

p. 304



FABIAN 400



LED ARRAY 18,3 W
230V - AC
CRI 82

A++

3000K

4000K

mains dim

dali/touch

mains dim

dali/touch

TEXT. WHITE

621147

621157

621167

621177

TEXT. BLACK

621146

621156

621166

621176

2740 lm

2990 lm

p. 304



FABIAN 500



LED ARRAY 35,2W
230V - AC
CRI 82

A++

Technical drawing of the LED array. It shows an oval shape with a horizontal diameter dimensioned as 500 and a vertical height dimensioned as 100. The drawing includes a top view and a side view.

3000K

4000K

non dim

dali/touch

non dim

dali/touch

TEXT. WHITE

630147

630157

630167

630177

TEXT. BLACK

630146

630156

630166

630176

5200 lm

5200 lm

Small image of the LED array installed on a ceiling, showing its rectangular shape and the light it emits.

p. 304

ceiling mounted

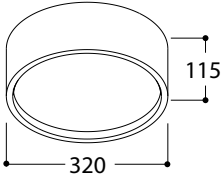


FABIAN OAK

ceiling mounted



 **FABIAN OAK** 



LED ARRAY 13.8 W
230V - AC
1800lm

A++

CE





IP 20







	3000K	
	dimmmable I, C	touch/dali dimmmable
OAK	481000	481050



p. 305



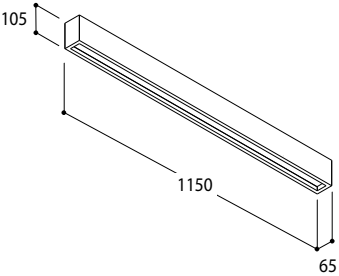
ceiling mounted

TIMBER/LEYE



 **TIMBER**





LED SMD ARRAY 17,6 W
230V - AC
2600lm



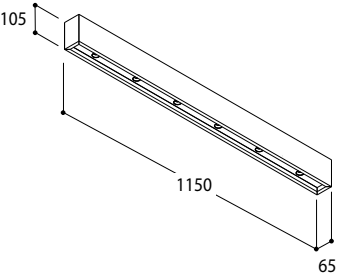
	2700K		3000K	
	not dimm	dali dimm	not dimm	dali dimm
OAK	481011	481061	481010	481060
BLACK OAK	481017	481067	481016	481066



p. 306

 **LEYE**





LUXEON M LED 6x 3,82W
230V - AC
6x 400 LUMEN
dimmable L,C
beam 36°



	2700K
BLACK OAK + GOLD ANO	481096



p. 307

TELESCOOP

design by Sylvain Willenz

ceiling mounted



TELESCOOP SURFACE



Luxeon M LED 7,84W

230V - AC

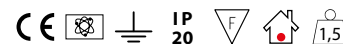
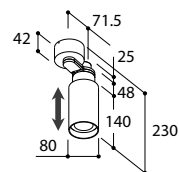
Adjustable beam 20° - 48°

755 lumen

Not dimmable

Tilt 0-50°

A+



	2700K	3000K
TEXT. WHITE	491447	491457
TEXT. BLACK	491426	491436



p. 222

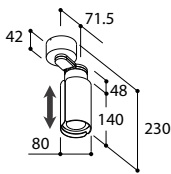
ceiling mounted

design by Sylvain Willenz

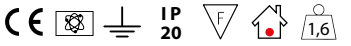
NELSON



NELSON SURFACE



Luxeon M LED 7,84W
230V - AC
Adjustable beam 20°- 48°
755 lumen
Not dimmable
Tilt 0-50°



	2700K	3000K
TEXT. WHITE + BRASS	491057	491067
TEXT. BLACK + BRASS	491056	491066
TEXT. BLACK + CU ₂₉	491050	491060



Design by Sylvain Willenz

WODAN BEAUFORT²

ceiling mounted



WODAN 2 BEAUFORT²

CITIZEN 2 x 13W
230V - AC
2 x 1500 lumen
↻ 155° ↕ 180°

A++

CE

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	420287	420267	420277	420257
TEXT. BLACK	420285	420266	420276	420256
TEXT. WHITE + TEXT. BLACK	420282	420264	420274	420254

²

WODAN 4 BEAUFORT² LINE

CITIZEN 4 x 13W
230V - AC
4 x 1500 lumen
↻ 155° ↕ 180°

A++

CE

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	420487	420467	420477	420457
TEXT. BLACK	420485	420466	420476	420456
TEXT. WHITE + TEXT. BLACK	420482	420464	420474	420454

²

WODAN 1 BEAUFORT²

CITIZEN 13W
230V - AC
1500 lumen
↻ 155° ↕ 180°

A++

CE

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	420187	420167	420177	420157
TEXT. BLACK	420185	420166	420176	420156
TEXT. WHITE + TEXT. BLACK	420182	420164	420174	420154

²

WODAN 3 BEAUFORT²

CITIZEN 3 x 13W
230V - AC
3 x 1500 lumen
↻ 155° ↕ 180°

A++

CE

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	420387	420367	420377	420357
TEXT. BLACK	420385	420366	420376	420356
TEXT. WHITE + TEXT. BLACK	420382	420364	420374	420354

²

WODAN 4 BEAUFORT² SQUARE

CITIZEN 4 x 13W
230V - AC
4 x 1500 lumen
↻ 155° ↕ 180°

A++

CE

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	420587	420567	420577	420557
TEXT. BLACK	420585	420566	420576	420556
TEXT. WHITE + TEXT. BLACK	420582	420564	420574	420554

²

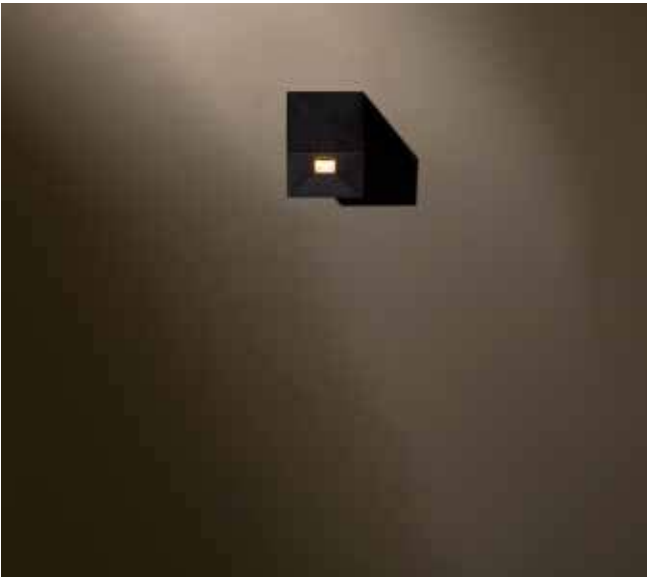
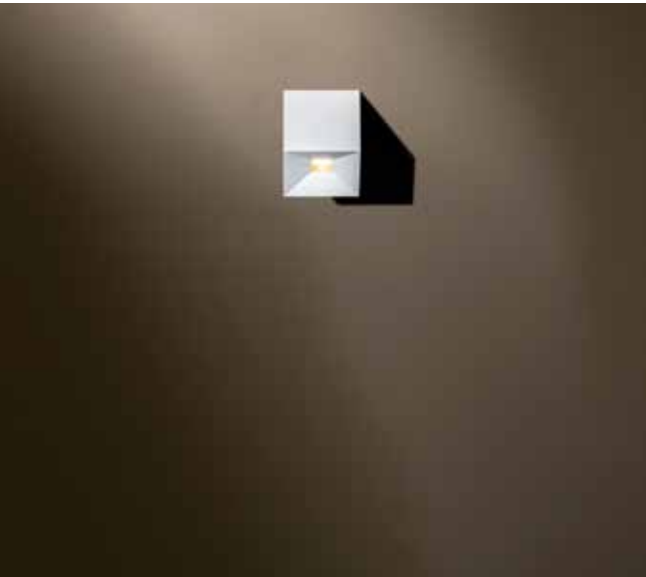
ceiling mounted

WODAN BEAUFORT²

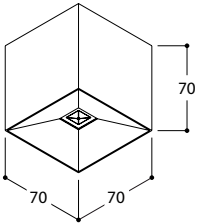


DICE

ceiling mounted



DICE CI MAINS DIMMABLE

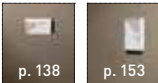


LUXEON M LED 3,82W
230V - AC
400 Lumen
beam 50°
dimmable L,C

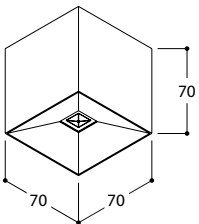
A++



	2700K	3000K
TEXT. WHITE	377147	377137
TEXT. BLACK	377126	377116

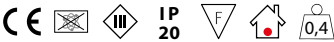


DICE WC

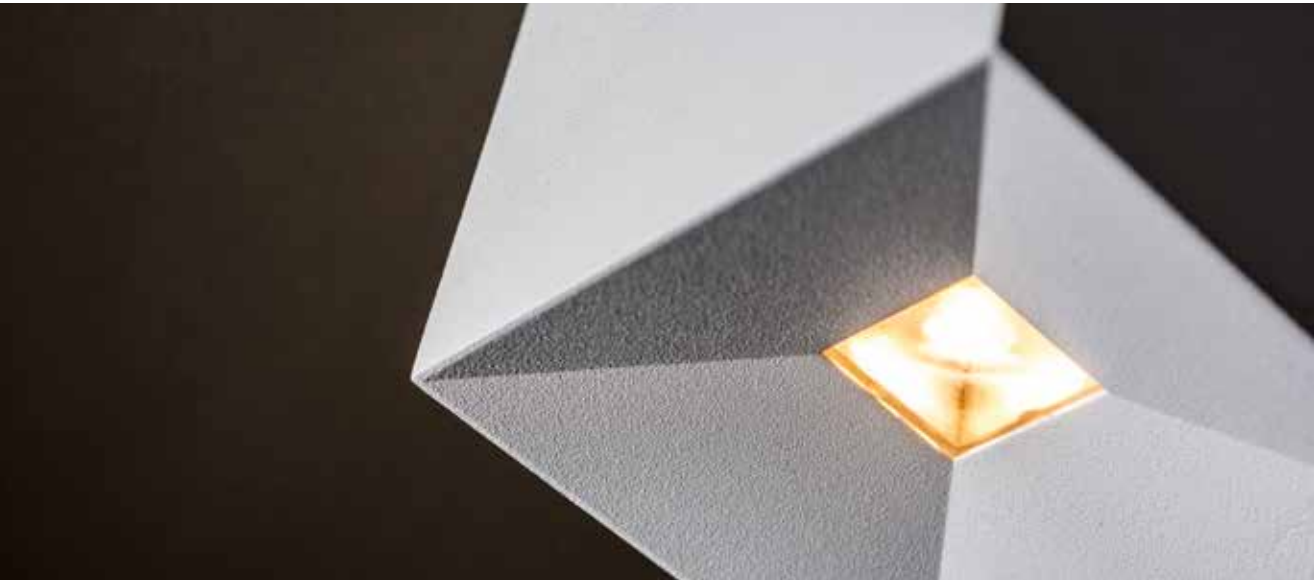


LUXEON M LED 3,82W
350mA DC
400 Lumen
beam 50°

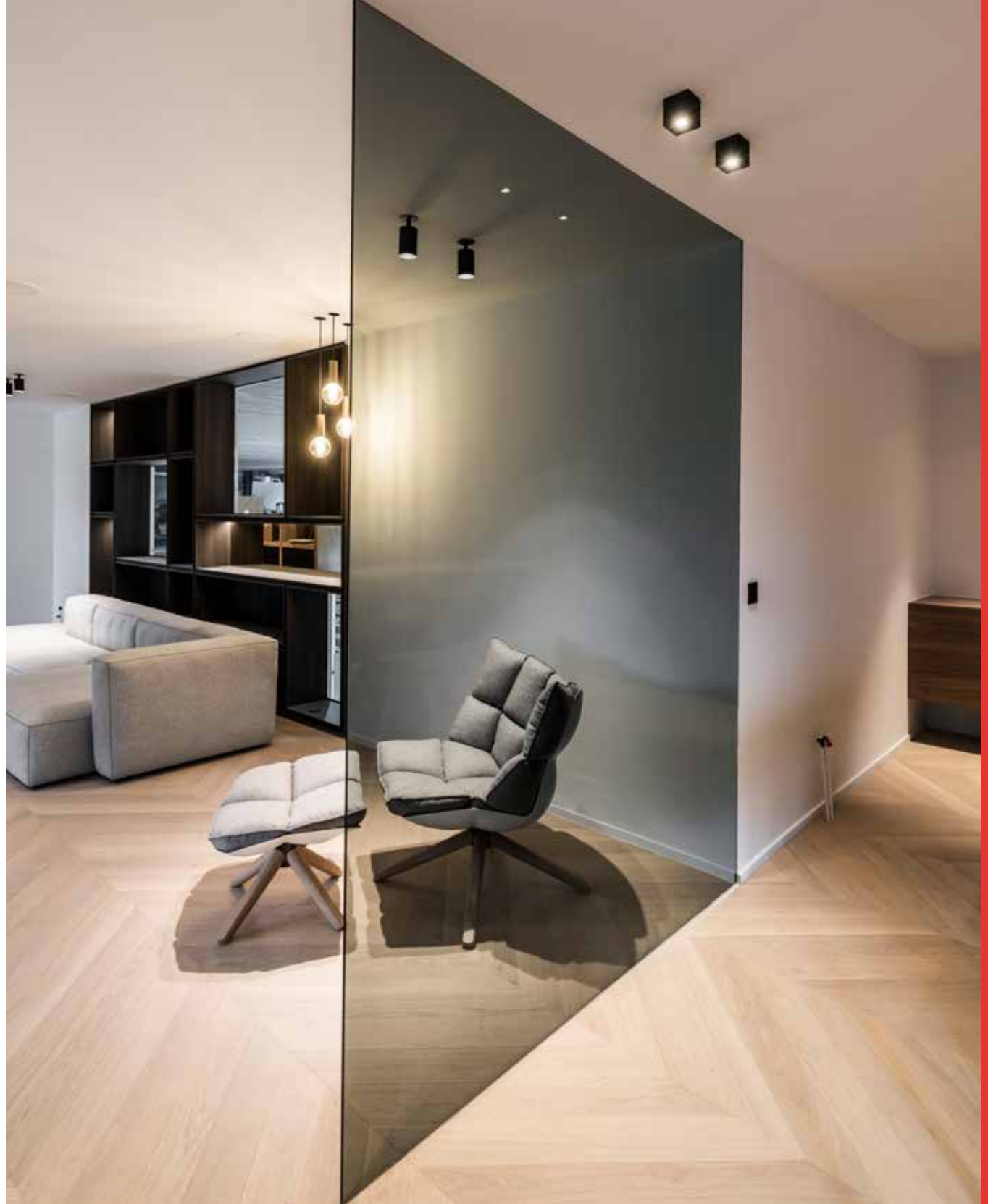
A++



	2700K	3000K
TEXT. WHITE	377247	377237
TEXT. BLACK	377226	377216



ceiling mounted



MICRO TOMMY

ceiling mounted

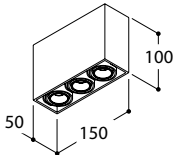


ceiling mounted

MICRO TOMMY



 MICRO TOMMY CEILING 



LUXEON M LED (3x) 3,82W
230V - AC
3x 400 Lumen
beam 36°
↻ 35° ↻ 20°



2700K

3000K

TEXT. WHITE	419747	419737
TEXT. BLACK	419726	419716
TEXT. WHITE + BLACK FOCUS	419794	419784
BLACK + GOLD	419796	419786
TEXT. WHITE + BLACK RINGS	419797	419787



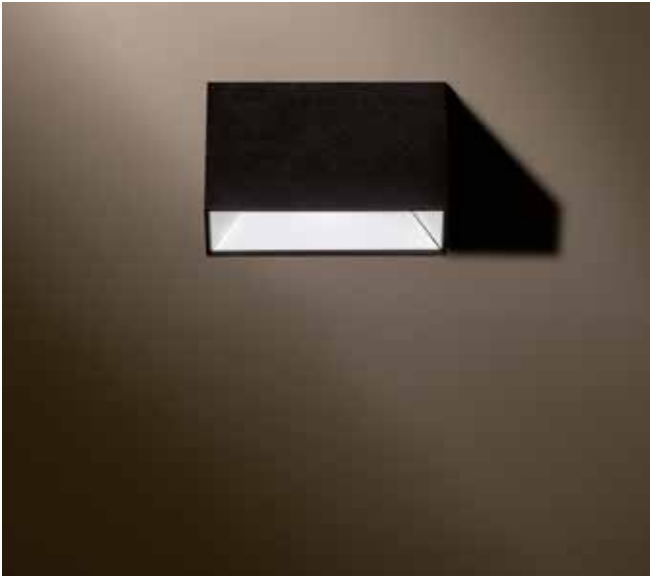
p. 125



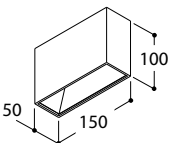


ceiling mounted

BOA



 BOA LED



CITIZEN LED 6,44W
230V - AC
595 lumen

A⁺

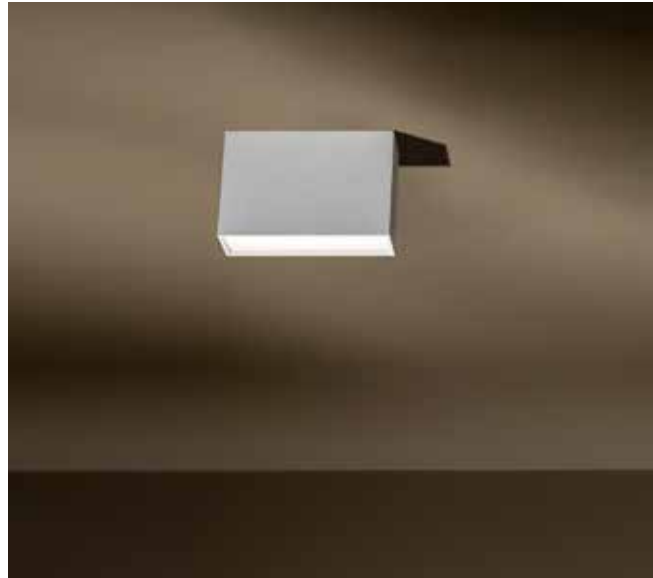
CE   IP 20   

	2700K
TEXT. WHITE	405147
TEXT. BLACK + WHITE	405195
TEXT. WHITE + GOLD	405192
BLACK+GOLD	405126

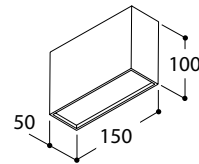
 p. 172

MAZ

ceiling mounted

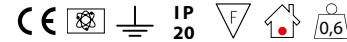


 MAZ 300



LED ARRAY - 2W
230V - AC
300 Lumen

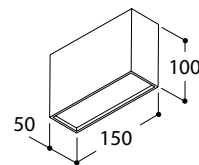
A++



	2700K	3000K
TEXT. WHITE	405647	405637
TEXT. BLACK	405626	405616

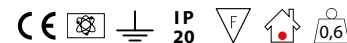


 MAZ 600



LED ARRAY - 4,2W
230V - AC
600 Lumen

A++



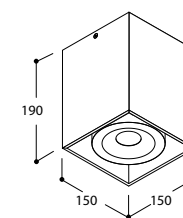
	2700K	3000K
TEXT. WHITE	405547	405537
TEXT. BLACK	405526	405516



DADO S



DADO S BEAUFORT²



CITIZEN LED 18W
230V - AC
2000 Lumen
359° 30°

A++



	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	370747	370727	370777	370737
TEXT. BLACK	370746	370726	370776	370736



DJANGO

ceiling mounted



371941 - DJANGO HALOLED TEXT. WHITE

halo led DJANGO HALOLED

LUXEON M LED 5,53W
230V - AC
566 lumen
beam 36°

A+

CE, IP 20, F, Home, 0,8

	2700K	3000K
TEXT. WHITE	371941	371943
TEXT. BLACK	371942	371944
TEXT. WHITE + TEXT. BLACK	371945	371946

GU10 versions: see website



371951 - DJANGO DOUBLE HALOLED TEXT. WHITE

halo led DJANGO HALOLED DOUBLE

LUXEON M LED 5,53W (x2)
230V - AC
1132 lumen
beam 36°
mains dim L,C

A+

CE, IP 20, F, Home, 1,5

	2700K	3000K
TEXT. WHITE	371951	371953
TEXT. BLACK	371952	371954
TEXT. WHITE + TEXT. BLACK	371955	371956

GU10 versions: see website



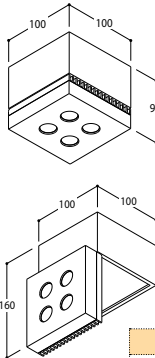


PANDORA

ceiling mounted



 **PANDORA** 



CREE XPG 8W
230V - AC
832 Lumen
CRI 92
90°
dimmmable L,C

A⁺









	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	391237	391337	391437	391247	391347	391447
TEXT. BLACK	391216	391316	391416	391226	391326	391426

adjust incorporated hinge with hex Allen key



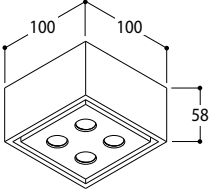


ODIL

ceiling mounted



ODIL NXT CI



CREE XPG 4x2W
230V AC
Dimmable L,C
832lm
CRI 92

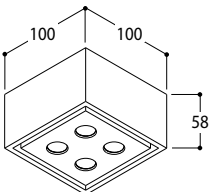
A+

CE, RoHS, Energy Star, IP 20, F, Home, 0.7

	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	390647	390747	390847	390657	390757	390857
TEXT. BLACK	390626	390726	390826	390636	390736	390836



ODIL NXT WC



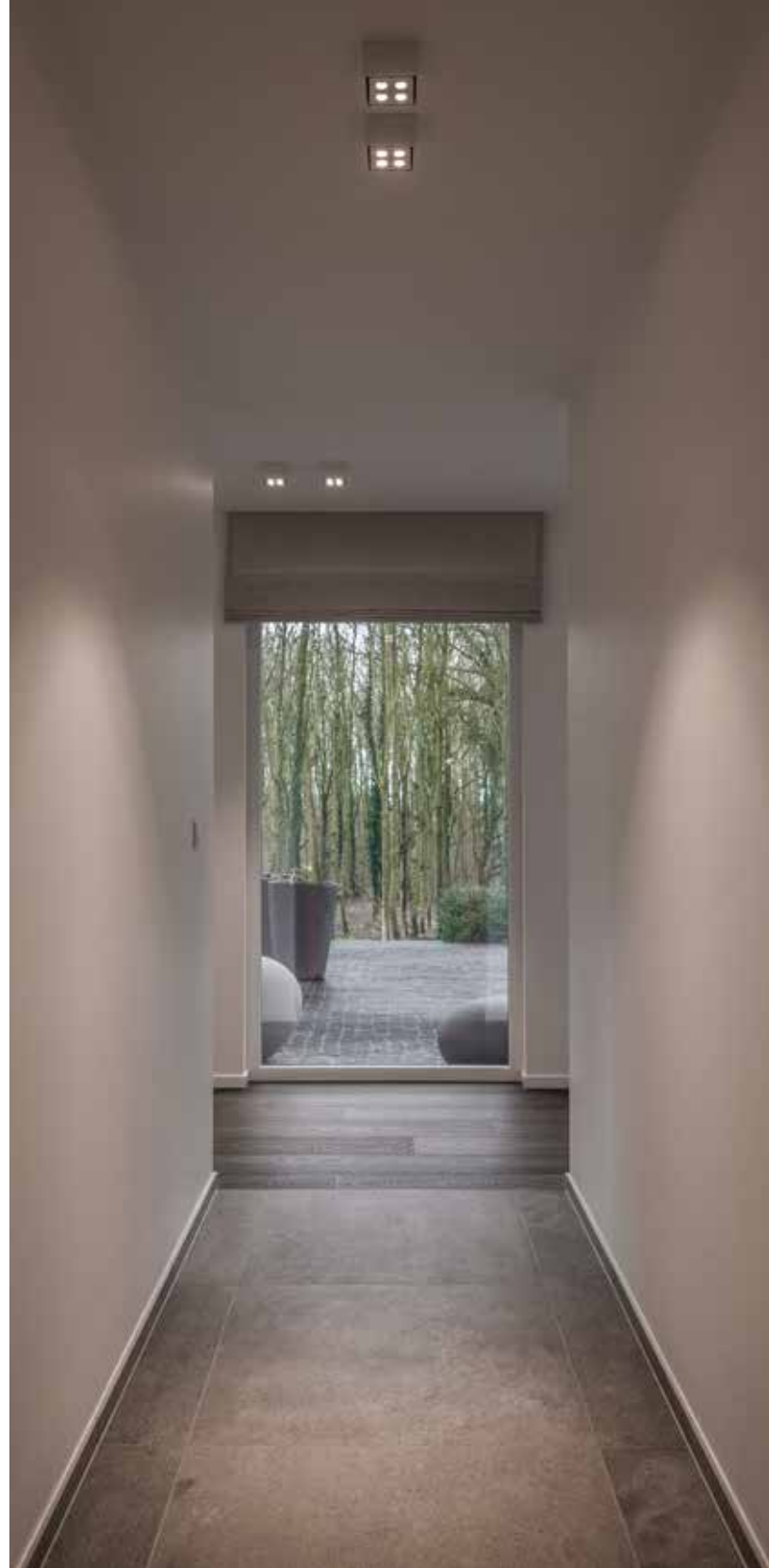
CREE XPG 4x2W
700mA DC
Dimmable PWM or CCR
832lm
CRI 92

A+

CE, RoHS, Energy Star, IP 20, F, Home, 0.5

	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	390667	390767	390867	390677	390777	390877
TEXT. BLACK	390646	390746	390846	390656	390756	390856

CONVERTER p.560



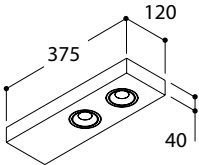


ceiling mounted

DOMINO



 DOMINO SFEROS BEAUFORT 



CITIZEN LED 2 x 6,22W
230V - AC
2 x 758 Lumen
CRI 92
dimmable 1-10V
beam 36°
↻ 359° ↻ 60° TILT

A++

CE   IP 20   

	2700K	3000K
TEXT. WHITE	468347	468357
TEXT. BLACK	468326	468336



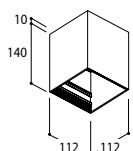
SURFACE KIT SMALL

ceiling mounted



SURFACE KIT SMALL 1 (700mA)

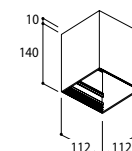


 230V - AC CI 700 mA 12W CE   IP 20   		
TEXT. WHITE	793118	
TEXT. BLACK	793126	
	2700K	3000K
MINI TOMMY 1 HALO TEXT. WHITE	117407	117417
MINI TOMMY 1 HALO TEXT. BLACK	117406	117416

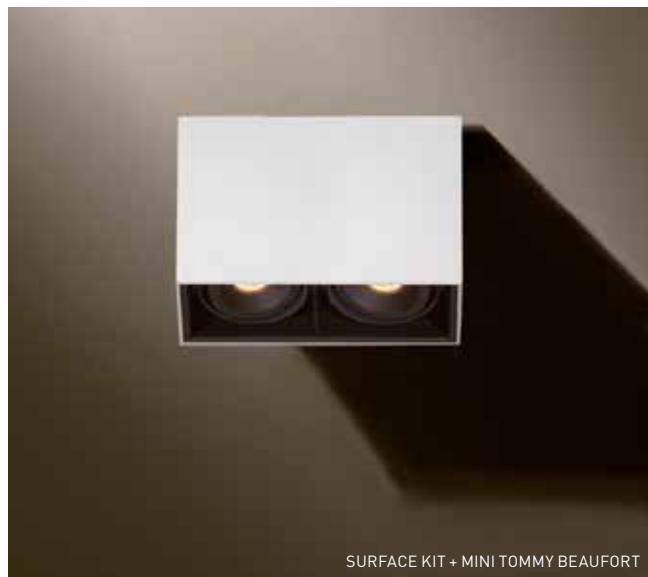
 GU10 versions: see website

SURFACE KIT SMALL 1 (180mA)



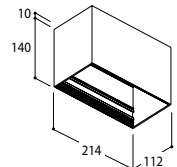
 230V - AC CI 180mA CE   IP 20   		
TEXT. WHITE	793128	
TEXT. BLACK	793136	
	2700K	3000K
MINI TOMMY 1 BF TEXT. WHITE	109107	109117
MINI TOMMY 1 BF TEXT. BLACK	109106	109116

 GU10 versions: see website



SURFACE KIT SMALL 2 (700mA)

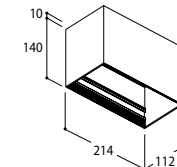


 230V - AC CI 700 mA 24W CE   IP 20   		
TEXT. WHITE	793218	
TEXT. BLACK	793226	
	2700K	3000K
MINI TOMMY 2 HALO TEXT. WHITE	117507	117517
MINI TOMMY 2 HALO TEXT. BLACK	117506	117516

 GU10 versions: see website

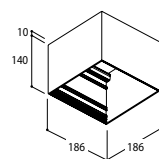
SURFACE KIT SMALL 2 (180mA)



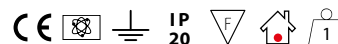
 230V - AC CI 180mA CE   IP 20   		
TEXT. WHITE	793228	
TEXT. BLACK	793236	
	2700K	3000K
MINI TOMMY 2 BF TEXT. WHITE	109207	109217
MINI TOMMY 2 BF TEXT. BLACK	109206	109216

 GU10 versions: see website

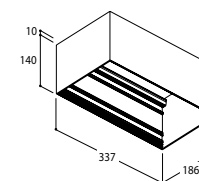
T



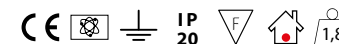
230V - AC
CI 500 mA 18W



TEXT. WHITE	796628							
TEXT. BLACK	796636							
					2700K		3000K	
					35°	70°	35°	70°
					◉ TOMMY 1 BEAUFORT [®] TEXT. WHITE	740137	740117	740138
◉ TOMMY 1 BEAUFORT [®] TEXT. BLACK	108146	108136	108147	108137				



230V - AC
CI 500 mA 36W



TEXT. WHITE	796728							
TEXT. BLACK	796736							
					2700K		3000K	
					35°	70°	35°	70°
					⊙ TOMMY2 BEAUFORT ² TEXT. WHITE	740237	740217	740238
⊙ TOMMY2 BEAUFORT ² TEXT. BLACK	108246	108236	108247	108237				

M10 BASE CI 350mA

ceiling mounted

M10 BASE DUO CI 350mA 600



MAX 8W
230V - AC
output 350mA - DC

CE, IP 20, F, 0,8

	Non dimmable	Dimmable L, C
TEXT. WHITE	378247	378248
TEXT. BLACK	378226	378227

Nobel elbow, Nobel, Berrier Junior, Nobel Pi

M10 BASE TRIO CI 350mA 900

MAX 12W
230V - AC
output 350mA - DC

CE, IP 20, F, 1,2

	Non dimmable	Dimmable L, C
TEXT. WHITE	378347	378348
TEXT. BLACK	378326	378327

Nobel elbow, Nobel, Berrier Junior, Nobel Pi

M10 BASE QUATTRO CI 350mA 1200

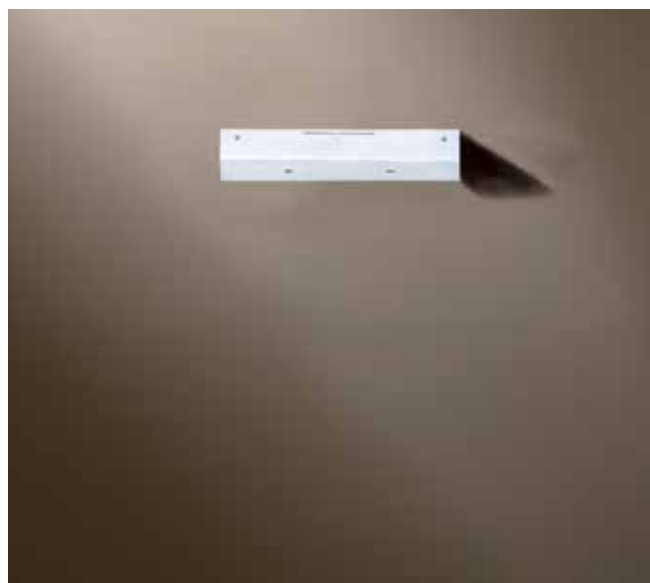


MAX 16W
230V - AC
output 350mA - DC

CE, IP 20, F, 1,6

	Non dimmable	Dimmable L, C
TEXT. WHITE	378447	378448
TEXT. BLACK	378426	378427

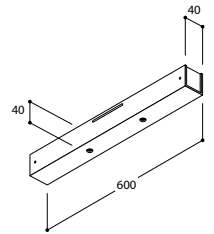
Nobel elbow, Nobel, Berrier Junior, Nobel Pi



ceiling mounted

M10 BASE CI 700mA

M10 BASE DUO CI 700mA 600



MAX 16W
230V - AC
output 700mA - DC

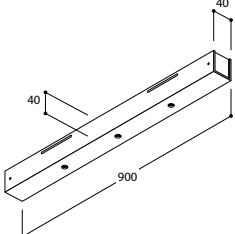
CE, IP 20, F, Dimmable L, C, 0,8

TEXT. WHITE	379247	379248
TEXT. BLACK	379226	379227



Funnel elbow Spina elbow Spinola

M10 BASE TRIO CI 700mA 900



MAX 24W
230V - AC
output 700mA - DC

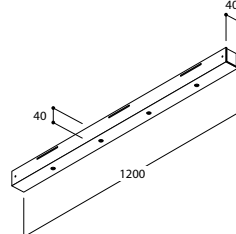
CE, IP 20, F, Dimmable L, C, 1,2

TEXT. WHITE	379347	379348
TEXT. BLACK	379326	379327



Funnel elbow Spina elbow Spinola

M10 BASE QUATTRO CI 700mA 1200



MAX 32W
230V - AC
output 700mA - DC

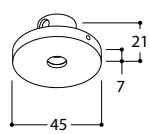
CE, IP 20, F, Dimmable L, C, 1,6

TEXT. WHITE	379447	378448
TEXT. BLACK	379426	378427



Funnel elbow Spina elbow Spinola

M10 BASE RECESSED SMALL



350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

20 mm
Installation height 50 mm

CE, IP 20, F, Dimmable L, C, 0,1

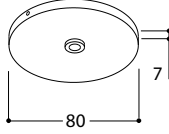
TEXT. BLACK	408826
TEXT. WHITE	408847
TEXT. RED	408834
CHROME	408820



Nobel elbow Nobel Junior Berrier Pi Kalebas Nuts

CONVERTER p.554 CONVERTER p.556 CONVERTER p.560

M10 BASE RECESSED LARGE



350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

42 mm
Installation height 50 mm

CE, IP 20, F, Dimmable L, C, 0,1

TEXT. BLACK	408926
TEXT. WHITE	408947
TEXT. RED	408934
CHROME	408920



Nobel elbow Funnel elbow Spina elbow Nobel Junior Berrier Pi Kalebas Nuts Spinola Berrier Nelson Telescope

CONVERTER p.554 CONVERTER p.556 CONVERTER p.560



suspended



2U 464



ARCHIMEDES 308



BERRIER JUNIOR 264



BERRIER 280



BORITI 510



DIMITRI 289



KING GEORGE 248



LEYE 307



LUZIEN 292



NELSON SUSPENDED 286



NOBEL 258



NOBEL OAK PI 260



ROBAN 298



ROBAN OAK 301



ROLLO SUSPENDED 302



SPINOLA 276



SURFACE KITS 242



TELESCOOP SUSPENDED 284

suspended



DORMENT 504



FABIAN 304



FABIAN OAK 305



HUBBLE SUSPENDED 303



KALEBAS 270



KAZAN 289



NOBEL PI 261



NUTS 272



OLIJF 290



PARIS 278



PRINCESS ANNA 254



QUEEN ELIZABETH 252



THOR 288



TIMBER 306



VIENNA 256



WINSTON 268



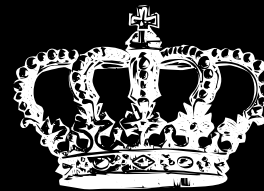
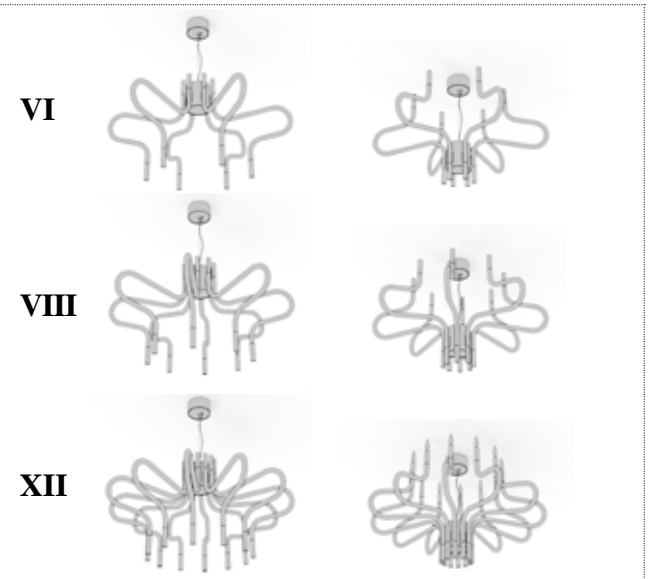
WODAN BEAUFORT² 310

King George

design by Michel de Nyn

suspended

CONFIGURATIONS

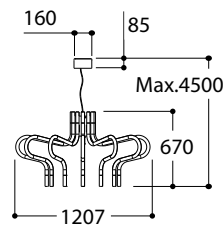


Visit our website
and compose your
own King George.

www.king-george.be



King George XII



TUBE DOWN:

LUXEON M LED 12x 3,82W
230V - AC
12 x 400 Lumen
2700K
beam 36°

A++

PUCK UP:

CREE XPE 12x 1,2W
230V - AC
12 x 35 Lumen
AMBER



TEXT. BLACK+GOLD

435995

EXAMPLE
MORE CONFIGURATIONS: WWW.KING-GEORGE.BE



suspended



King George design by Michel de Nyn





design by Michel de Nyn

King George

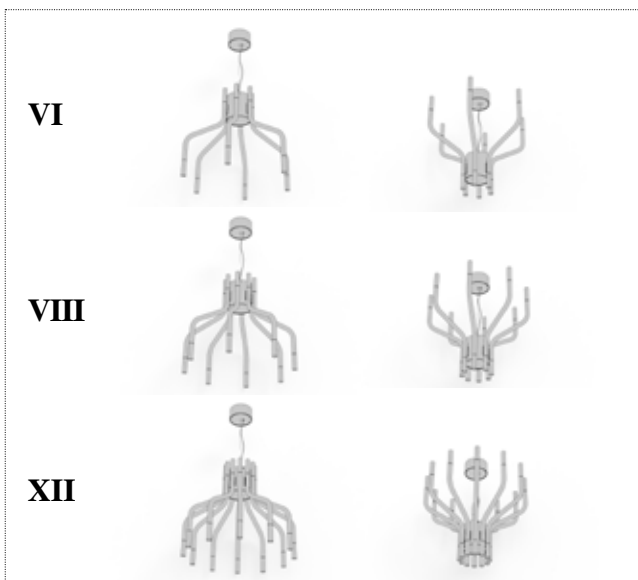


QUEEN ELIZABETH design by Michel de Nyn

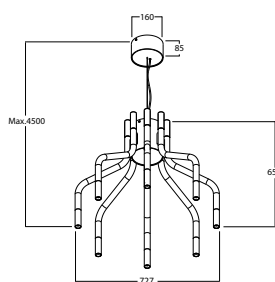
suspended



CONFIGURATIONS



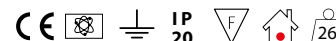
Queen Elizabeth VIII



TUBE DOWN:
LUXEON M LED 8x 3,82W
230V - AC
8 x 400 Lumen
2700K
beam 36°

PUCK UP:
CREE XPE 8x 1,2W
230V - AC
8 x 35 Lumen
AMBER

A++



TEXT. BLACK+GOLD

435996

EXAMPLE
MORE CONFIGURATIONS: WWW.KING-GEORGE.BE





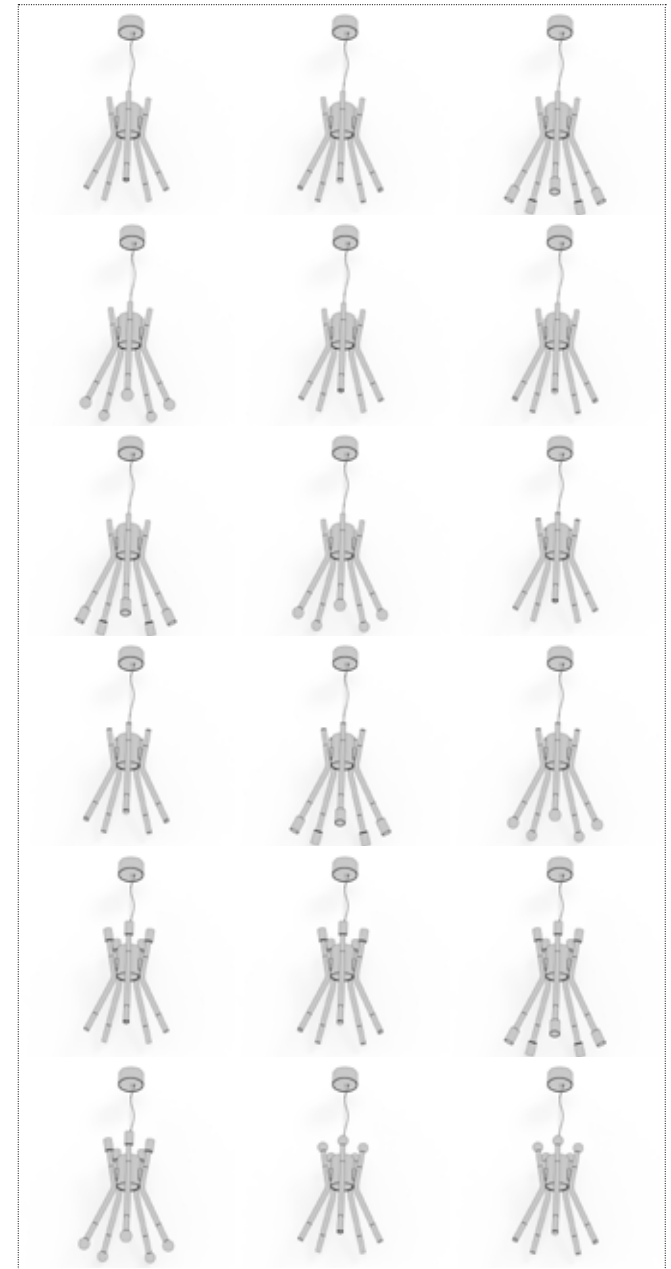
PRINCESS ANNA

design by Michel de Nyn

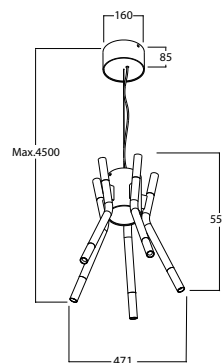
suspended



CONFIGURATIONS



Princess Anna



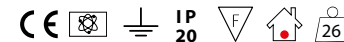
TUBE UP:

LUXEON M LED 5x 3,82W
230V - AC
5 x 400 Lumen
2700K
beam 36°

A++

PUCK DOWN:

CREE XPE 5x 1,2W
230V - AC
5 x 35 Lumen
AMBER



TEXT. BLACK+GOLD

435997

EXAMPLE
MORE CONFIGURATIONS: WWW.KING-GEORGE.BE

suspended

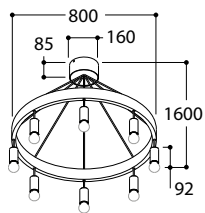


VIENNA

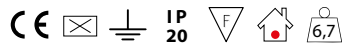
suspended



 VIENNA E27



8x A60 max. 40W
E27
230V - AC
dimmable see bulb



OAK + TEXTURED WHITE + MAINSCORD WHITE

481847



suspended

VIENNA



NOBEL

suspended



NOBEL CI



LUXEON M LED 3,82W
230V - AC
400 Lumen
beam 36°

	2700K	3000K
TEXT. WHITE - MAINSCORD RED	408134	408124
TEXT. BLACK - MAINSCORD BLACK	408102	408112
TEXT. WHITE + BLACK FOCUS - MAINSCORD BLACK	408194	408184
TEXT. RED - MAINSCORD RED	408127	408117
CHROME - MAINSCORD BLACK	408120	408110
TEXT. BLACK - MAINSCORD RED	408126	408116
TEXT. BLACK+GOLD - MAINSCORD BLACK	408196	408186
CU ₂₉ + TEXT. BLACK FOCUS - MAINSCORD BLACK	408157	408147
GOLD 24K - MAINSCORD BLACK	408113	408103

NOBEL WC



LUXEON M LED 3,82W
350mA DC
400 Lumen
beam 36°

	2700K	3000K
TEXT. WHITE - MAINSCORD RED	408034	408024
TEXT. BLACK - MAINSCORD BLACK	408002	408012
TEXT. WHITE + BLACK FOCUS - MAINSCORD BLACK	408094	408084
TEXT. RED - MAINSCORD RED	408027	408017
CHROME - MAINSCORD BLACK	408020	408010
TEXT. BLACK - MAINSCORD RED	408026	408016
TEXT. BLACK+GOLD - MAINSCORD BLACK	408096	408086
CU ₂₈ + TEXT. BLACK FOCUS - MAINSCORD BLACK	408057	408047
GOLD 24K - MAINSCORD BLACK	408013	408003

CONVERTER p.554

NOBEL M10



LUXEON M LED 3,82W
350mA DC
400 Lumen
beam 36°

	2700K	3000K
TEXT. WHITE - MAINSCORD RED	408234	408224
TEXT. BLACK - MAINSCORD BLACK	408202	408212
TEXT. WHITE + BLACK FOCUS - MAINSCORD BLACK	408294	408284
TEXT. RED - MAINSCORD RED	408227	408217
CHROME - MAINSCORD BLACK	408220	408210
TEXT. BLACK - MAINSCORD RED	408226	408216
TEXT. BLACK+GOLD - MAINSCORD BLACK	408296	408286
CU ₂₉ + TEXT. BLACK FOCUS - MAINSCORD BLACK	408257	408247
GOLD 24K - MAINSCORD BLACK	408213	408203

⊙ M10 BASE 350mA p.313

⦿ M10 BASE 350mA p.313



NOBEL OAK PI

suspended

NOBEL OAK PI CI



LUXEON M LED 3,82W
 230V - AC
 400 Lumen
 beam 36°

A++

	2700K	3000K
OAK + WHITE + mainscord WHITE	488447	488437
OAK + BLACK + mainscord BLACK	488426	488416
OAK + COPPER + mainscord BLACK	488450	488440
OAK + GOLD24K + mainscord BLACK	488415	488405



NOBEL OAK PI WC

LUXEON M LED 3,8W
 350mA DC
 400 Lumen
 beam 36°

A++

	2700K	3000K
OAK + WHITE + mainscord WHITE	488347	488337
OAK + BLACK + mainscord BLACK	488326	488316
OAK + COPPER + mainscord BLACK	488350	488340
OAK + GOLD24K + mainscord BLACK	488315	488305

CONVERTER p.554

NOBEL OAK PI M10

LUXEON M LED 3,82W
 350mA DC
 400 Lumen
 beam 36°

A++

	2700K	3000K
OAK + WHITE + mainscord WHITE	488547	488537
OAK + BLACK + mainscord BLACK	488526	488516
OAK + COPPER + mainscord BLACK	488550	488540
OAK + GOLD24K + mainscord BLACK	488515	488505

⦿ M10 BASE 350mA P.313

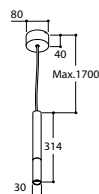


suspended

NOBEL PI

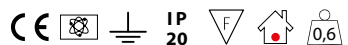


NOBEL PI CI



LUXEON M LED 3,82W
230V - AC
400 Lumen
beam 36°

A++

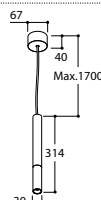
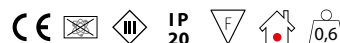


	2700K	3000K
TEXT. WHITE + mainscord WHITE	418118	418108
TEXT. BLACK + mainscord BLACK	418102	418112
BLACK + GOLD	418196	418186
TEXTURED BLACK + CU ₂₉	418157	418147
CU ₂₉ + BLACK focus & mainscord	418156	418146
CHROME + BLACK focus & mainscord	418120	418110
BLACK/CHROME + mainscord BLACK	418119	418109
TEXT. WHITE + mainscord RED	418134	418124
WHITE + BLACK focus & mainscord	418194	418184
TEXT. WHITE/BLACK + pied de poule	418197	418187
TEXT. BLACK/WHITE + pied de poule	418195	418185
TEXT. BLACK + mainscord RED	418126	418116
TEXT. RED + mainscord RED	418127	418117
TEXT. BLACK/RED + mainscord RED	418193	418183
GOLD 24K - mainscord BLACK	418113	418103



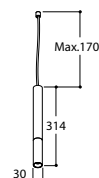
NOBEL PI WC



		
LUXEON M LED 3,8W 350mA DC 400 Lumen beam 36°		
		
	2700K	3000K
TEXT. WHITE + mainscord WHITE	418018	418008
TEXT. BLACK + mainscord BLACK	418002	418012
BLACK + GOLD	418096	418086
TEXTURED BLACK + CU ₂₉	418057	418047
CU ₂₉ + BLACK focus & mainscord	418056	418046
CHROME + BLACK focus & mainscord	418020	418010
BLACK/CHROME + mainscord BLACK	418019	418009
TEXT. WHITE + mainscord RED	418034	418024
WHITE + BLACK focus & mainscord	418094	418084
TEXT. WHITE/BLACK + pied de poule	418097	418087
TEXT. BLACK/WHITE + pied de poule	418095	418085
TEXT. BLACK + mainscord RED	418026	418016
TEXT. RED + mainscord RED	418027	418017
TEXT. BLACK/RED + mainscord RED	418093	418083
GOLD 24K - mainscord BLACK	418013	418003

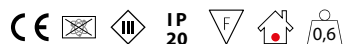


NOBEL PI M10



LUXEON M LED 3,82W
350mA DC
400 Lumen
beam 36°

A++



	2700K	3000K
TEXT. WHITE + mainscord WHITE	418218	418208
TEXT. BLACK + mainscord BLACK	418202	418212
BLACK + GOLD	418296	418286
TEXTURED BLACK + CU ₂₉	418257	418247
CU ₂₉ + BLACK focus & mainscord	418256	418246
CHROME + BLACK focus & mainscord	418220	418210
BLACK/CHROME + mainscord BLACK	418219	418209
TEXT. WHITE + mainscord RED	418234	418224
WHITE + BLACK focus & mainscord	418294	418284
TEXT. WHITE/BLACK + pied de poule	418297	418287
TEXT. BLACK/WHITE + pied de poule	418295	418285
TEXT. BLACK + mainscord RED	418226	418216
TEXT. RED + mainscord RED	418227	418217
TEXT. BLACK/RED + mainscord RED	418293	418283
GOLD 24K - mainscord BLACK	418213	418203

○ M10 BASE 350mA P.313



CONVERTER p.554

suspended



GOLD 24K



TEXTURED BLACK + CU₂₉

suspended



BERRIER JUNIOR

suspended



BERRIER JUNIOR CI

LUXEON M LED 3,82W
230V - AC
400 Lumen
beam 60°

A++

2700K

3000K

TEXT. WHITE

487134

487124

TEXT. BLACK

487102

487112

BLACK + GOLD

487196

487186

CU₂₉

487157

487147

CHROME

487120

487110

GOLD 24K

487113

487103

BERRIER JUNIOR WC

LUXEON M LED 3,82W
350mA DC
400 Lumen
beam 60°

A++

IP 20

2700K

3000K

TEXT. WHITE

487034

487024

TEXT. BLACK

487002

487012

BLACK + GOLD

487096

487086

CU₂₉

487057

487047

CHROME

487020

487010

GOLD 24K

487013

487003

CONVERTER p.554

BERRIER JUNIOR M10

LUXEON M LED 3,82W

350mA DC

400 Lumen

beam 60°

A++

2700K

3000K

TEXT. WHITE

487234

487224

TEXT. BLACK

487202

487212

BLACK + GOLD

487296

487286

CU₂₉

487257

487247

CHROME

487220

487210

GOLD 24K

487213

487203

⊙ M10 BASE 350mA P.313

⦿ M10 BASE 350mA P.313





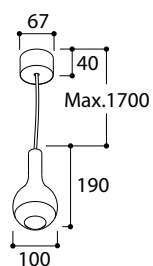


WINSTON

suspended

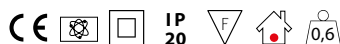


WINSTON CI



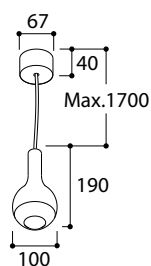
LUXEON M LED 3,82W
230V - AC
400 Lumen
beam 60°

A++



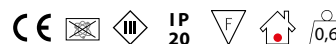
	2700K	3000K
TEXT. WHITE + mainscord white	486134	486124
TEXT. BLACK + mainscord black	486102	486112
BRUSHED ALU + mainscord red	486119	486109
CHROME + mainscord black	486120	486110

WINSTON WC



LUXEON M LED 3,82W
350mA DC
400 Lumen
beam 60°
dimmable PWM or CCR

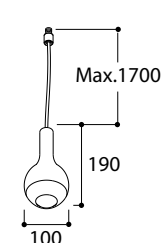
A++



	2700K	3000K
TEXT. WHITE + mainscord white	486034	486024
TEXT. BLACK + mainscord black	486002	486012
BRUSHED ALU + mainscord red	486019	486009
CHROME + mainscord black	486020	486010

CONVERTER p.554

WINSTON M10



LUXEON M LED 3,82W
230V - AC
400 Lumen
beam 60°

A++



	2700K	3000K
TEXT. WHITE + mainscord white	486234	486224
TEXT. BLACK + mainscord black	486202	486212
BRUSHED ALU + mainscord red	486219	486209
CHROME + mainscord black	486220	486210

⦿ M10 BASE 230V P.313

suspended

Winston,
inspired by Blackout Light Bulbs,
complied with war department standards,
in commemoration of World War I
(1914-1918)



KALEBAS

design by Cas Moor & Lieven Musschoot

suspended



suspended

design by Cas Moor & Lieven Musschoot

KALEBAS



KALEBAS

A60 - max. 40W
E27
230V - AC
dimmable: see bulb

CE, IP 20, F, 0,5

OAK + BRASS (MAINSKORD BLACK)	488015
BLACK OAK + BRASS (MAINSKORD BLACK)	488025
OAK + TEXT. BLACK (MAINSKORD BLACK)	488026
BLACK OAK + TEXT. BLACK (MAINSKORD BLACK)	488036
OAK + TEXT. WHITE (MAINSKORD WHITE)	488047
OAK + CU ₂₉ (MAINSKORD BLACK)	488050
BLACK OAK + CU ₂₉ (MAINSKORD BLACK)	488060

KALEBAS M10

A60 - max. 40W
E27
230V - AC
dimmable: see bulb

CE, IP 20, F, 0,4

OAK + BRASS (MAINSKORD BLACK)	488115
BLACK OAK + BRASS (MAINSKORD BLACK)	488125
OAK + TEXT. BLACK (MAINSKORD BLACK)	488126
BLACK OAK + TEXT. BLACK (MAINSKORD BLACK)	488136
OAK + TEXT. WHITE (MAINSKORD WHITE)	488147
OAK + CU ₂₉ (MAINSKORD BLACK)	488150
BLACK OAK + CU ₂₉ (MAINSKORD BLACK)	488160

M10 BASE 230V P.313

NUTS

suspended



NUTS E27

A60 MAX 40W
E27
230V - AC

TEXT. WHITE	425047
TEXT. WHITE + MAINSCORD PIED de POULE	425094
TEXT. BLACK + MAINSCORD PIED de POULE	425095
TEXT. BLACK	425026
TEXT. RED	425034
TEXT. YELLOW	425035
CHROME + MAINSCORD BLACK	425021
BRUSHED ALU + MAINSCORD RED	425009
CU ₂₉ + MAINSCORD BLACK	425050
BRASS ANTIQUE	425060
TIN ANTIQUE	425061
BRONZE ANTIQUE	425062

exclusive lamp



NUTS DESIGNLINE

A60 MAX 40W
E27
230V - AC

SILVER ANO + MAINSCORD RED	425209
GOLD 24K + MAINSCORD BLACK	425213

exclusive lamp

suspended



NUTS M10

suspended



NUTS E27 M10

		A60 MAX 40W E27 230V - AC	
TEXT. WHITE	425547		
TEXT. WHITE + MAINSCORD PIED de POULE	425594		
TEXT. BLACK + MAINSCORD PIED de POULE	425595		
TEXT. BLACK	425526		
TEXT. RED	425534		
TEXT. YELLOW	425535		
CHROME + MAINSCORD BLACK	425521		
BRUSHED ALU + MAINSCORD RED	425509		
CU ₂₄ + MAINSCORD BLACK	425550		
BRASS ANTIQUE	425560		
TIN ANTIQUE	425561		
BRONZE ANTIQUE	425562		
		exclusive lamp	

⦿ M10 BASE 230V: p.313

NUTS DESIGNLINE M10

		A60 MAX 40W E27 230V - AC	
SILVER ANO + MAINSCORD RED	425609		
GOLD 24K + MAINSCORD BLACK	425613		
		exclusive lamp	

⦿ M10 BASE 230V: p.313



SPINOLA

suspended



SPINOLA HALOLED

LUXEON M LED 7,84W
700mA DC
755 lumen
beam 36°
dimmable PWM or CCR

	2700K	3000K
TEXT. WHITE	433647	433648
TEXT. BLACK	433626	433627
TEXT. WHITE + GOLD	433692	433693
BLACK + GOLD	433696	433697
CU ₂₉ + BLACK	433657	433658

GU10 versions: see website

SPINOLA HALOLED M10

LUXEON M LED 7,84W

700mA DC

755 lumen

beam 36°

dimmable PWM or CCR

A+

IP 20

	2700K	3000K
TEXT. WHITE	433747	433748
TEXT. BLACK	433726	433727
TEXT. WHITE + GOLD	433792	433793
BLACK + GOLD	433796	433797
CU ₂₉ + BLACK	433757	433758

ⓘ M10 BASE 700mA: p.313

⦿ M10 BASE 700mA: p.313

GU10 versions: see website

suspended

SPINOLA



PARIS

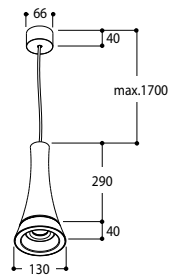
design by Peter Vanooteghem

suspended



PARIS





PREVALED 12,7W
230V - AC
1100 lumen
beam 38°
dimmable L, C
CRI 90

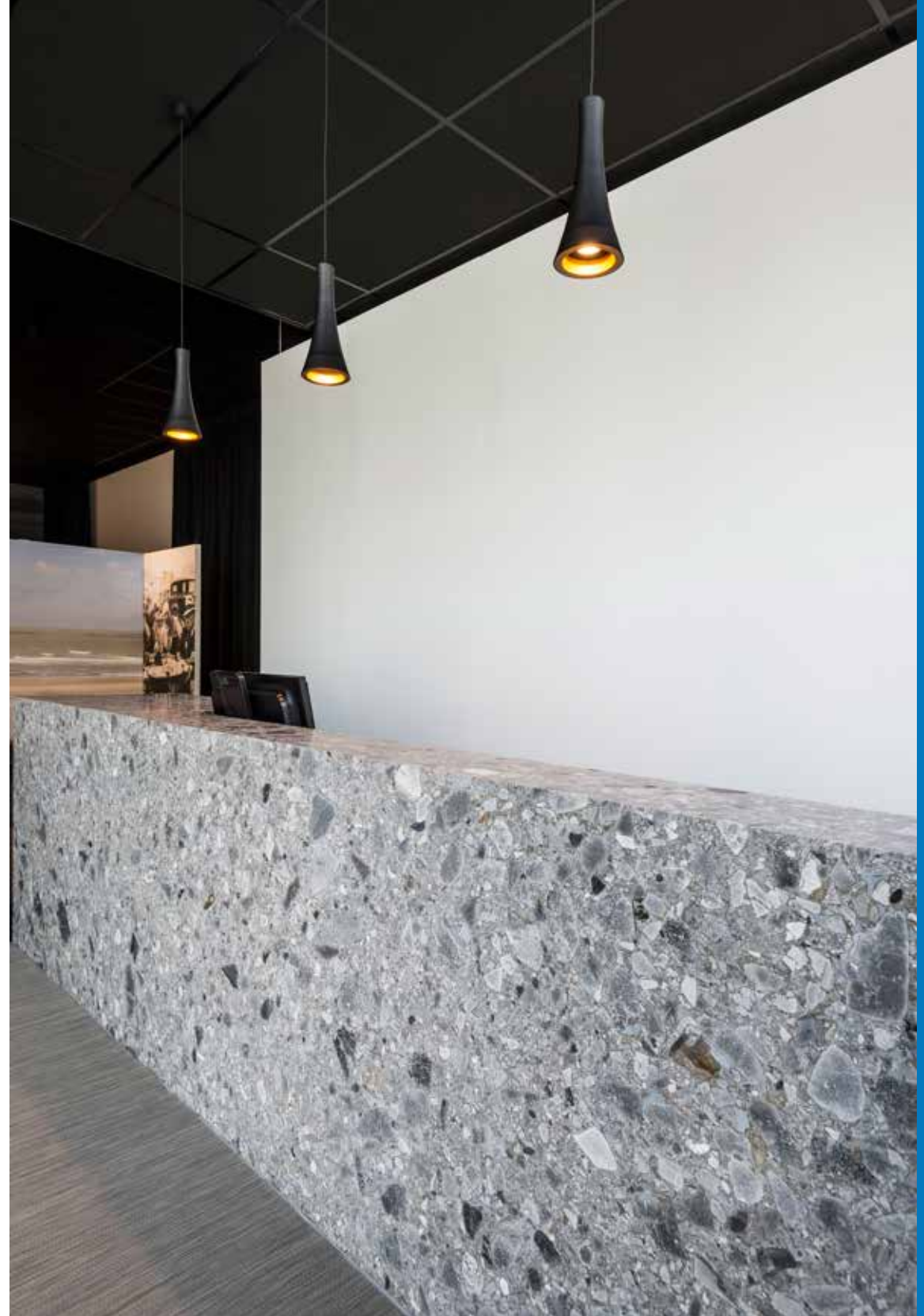
A+

CE   IP 20   

	2700K
CHROME + MAINSCORD TRANSPARENT	496021
TEXT. BLACK - MAINSCORD BLACK	496026
TEXT. BLACK - MAINSCORD RED	496036
TEXT. WHITE - MAINSCORD WHITE	496037
TEXT. WHITE - MAINSCORD RED	496047
TEXT. WHITE + CHROME - MAINSCORD TRANSPARENT	496091
BLACK + GOLD - MAINSCORD BLACK	496096
TEXT. BLACK BODY - CU ₂₉ CONE - BLACK FOCUS - MAINSCORD BLACK	496056
CU ₂₉ - TEXT BLACK FOCUS - MAINSCORD BLACK	496057

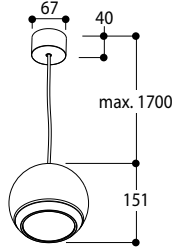


496096





BERRIER



PREVALED 12,7W
230V - AC
1100 lumen
beam 60°
dimmable L, C
CRI 90

A+

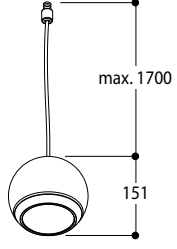
CE   IP 20   

	2700K
FULL CU ₂₉	494050
TEXT. BLACK BODY + FRONT CU ₂₉	494056
CU ₂₉ BODY + FRONT TEXT. BLACK	494057
TEXT. WHITE - MAINSCORD WHITE	494001
TEXT. WHITE - MAINSCORD RED	494047
TEXT. BLACK - MAINSCORD RED	494026
TEXT. BLACK + CHROME - MAINSCORD BLACK	494019
TEXT. BLACK - MAINSCORD BLACK	494016
TEXT. RED - MAINSCORD RED	494034
TEXT. WHITE + CHROME - MAINSCORD WHITE	494020
TEXT. BLACK + GOLD - MAINSCORD BLACK	494096
TEXT. WHITE (HOUSING) + TEXT. BLACK*	494094
TEXT. BLACK (HOUSING) + TEXT. WHITE*	494095
GOLD 24K - MAINSCORD BLACK	494013

*Mainscord cable pied de poule



BERRIER M10



PREVALED 12,7W
230V - AC
1100 lumen
beam 60°
dimmable L, C
CRI 90

A+

CE   IP 20   

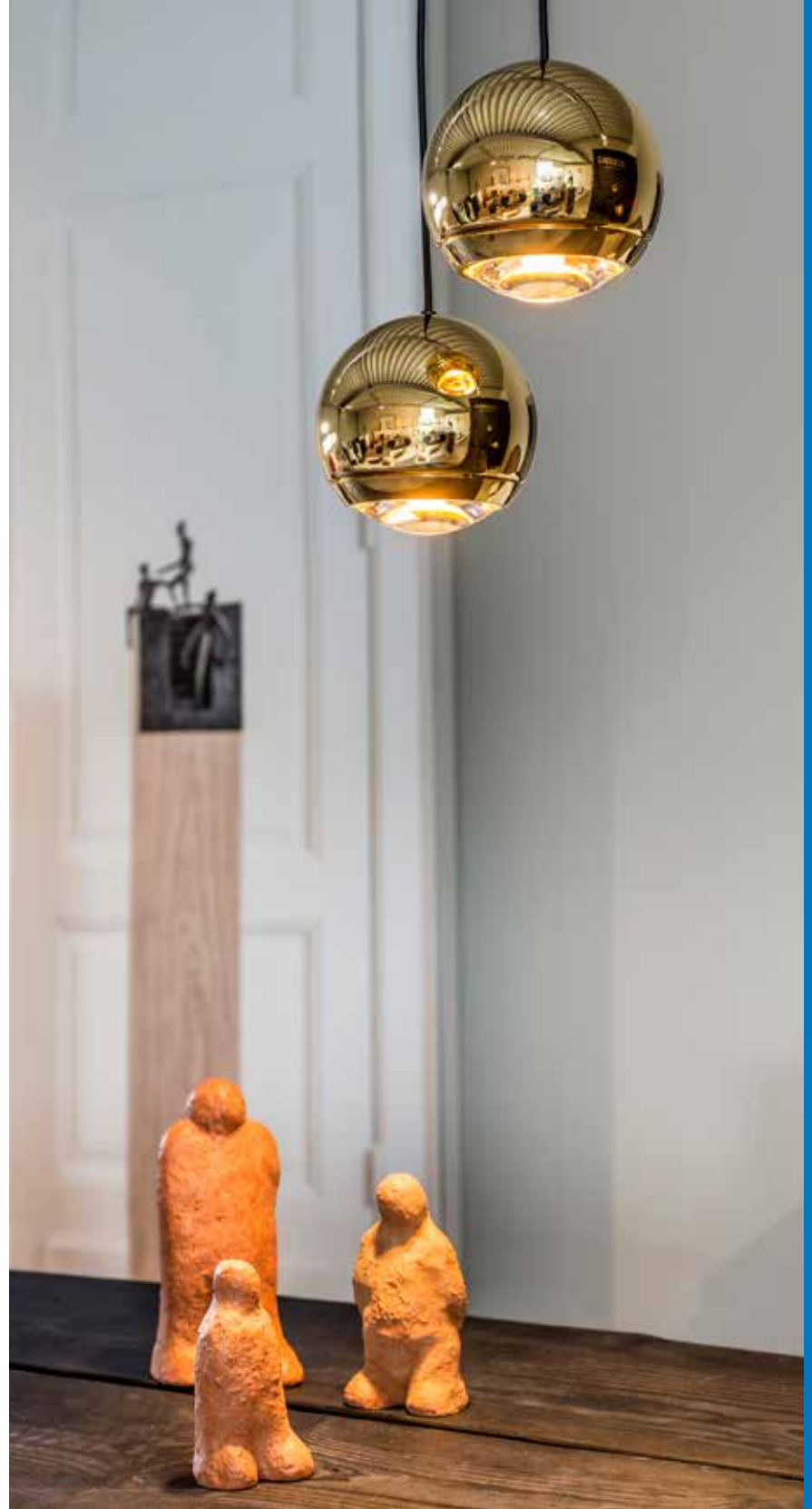
	2700K
FULL CU ₂₉	494150
TEXT. BLACK BODY + FRONT CU ₂₉	494156
CU ₂₉ BODY + FRONT TEXT. BLACK	494157
TEXT. WHITE - MAINSCORD WHITE	494101
TEXT. WHITE - MAINSCORD RED	494147
TEXT. BLACK - MAINSCORD RED	494126
TEXT. BLACK + CHROME - MAINSCORD BLACK	494119
TEXT. BLACK - MAINSCORD BLACK	494116
TEXT. RED - MAINSCORD RED	494134
TEXT. WHITE + CHROME - MAINSCORD WHITE	494120
TEXT. BLACK + GOLD - MAINSCORD BLACK	494196
TEXT. WHITE (HOUSING) + TEXT. BLACK*	494194
TEXT. BLACK (HOUSING) + TEXT. WHITE*	494195
GOLD 24K - MAINSCORD BLACK	494113

*Mainscord cable pied de poule

⦿ M10 BASE 230V P.313

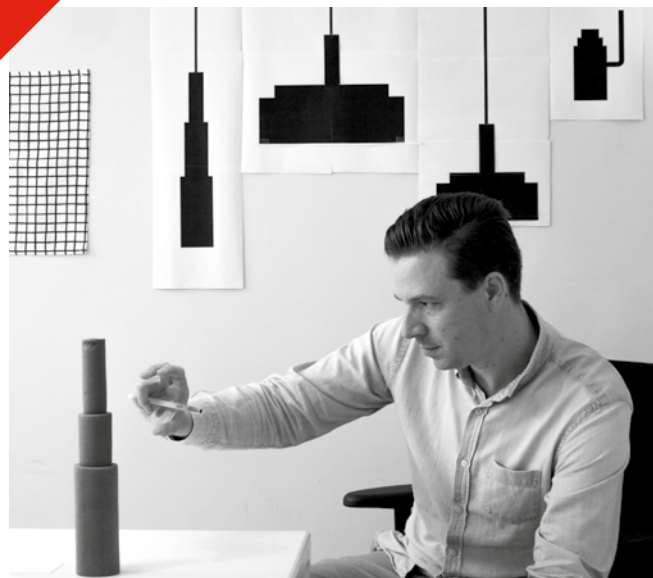






TELESCOOP design by Sylvain Willenz

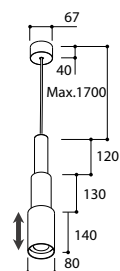
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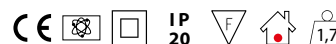
TELESCOOP SUSPENDED



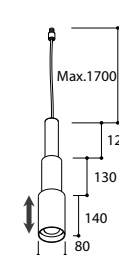
TELESCOOP SUSPENDED M10



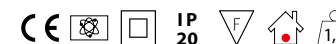
Luxeon M LED 7,84W
230V - AC
Adjustable beam 20° - 48°
755 lumen
Not dimmable



	2700K	3000K
TEXT. WHITE	491547	491557
TEXT. BLACK	491526	491536



Luxeon M LED 7,84W
230V - AC
Adjustable beam 20° - 48°
755 lumen
Not dimmable



	2700K	3000K
TEXT. WHITE	491647	491657
TEXT. BLACK	491626	491636

- CLUSTERPLATE 7 - TEXT. WHITE 492977
- CLUSTERPLATE 7 - TEXT. BLACK 492976
- CLUSTERPLATE 11 - TEXT. WHITE 492917
- CLUSTERPLATE 11 - TEXT. BLACK 492916
- CLUSTERPLATE 15 - TEXT. WHITE 492957
- CLUSTERPLATE 15 - TEXT. BLACK 492956

see p. 315



suspended

design by Sylvain Willenz

TELESCOOP

TELESCOOP ZOOM IN



BEAM ADJUSTED 20°

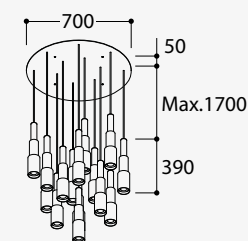
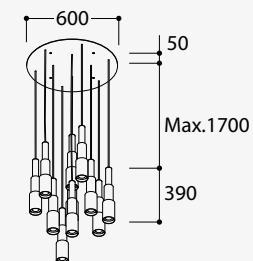
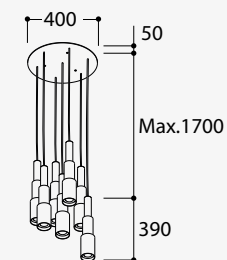
TELESCOOP ZOOM OUT



BEAM ADJUSTED 48°



Combine multiple
TELESCOOP
as a cluster.



NELSON

design by Sylvain Willenz

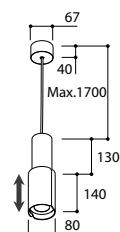
suspended



NELSON SUSPENDED



NELSON SUSPENDED M10

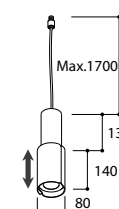


Luxeon M LED 7,84W
230V - AC
Adjustable beam 20° - 48°
755 lumen
Not dimmable

A+

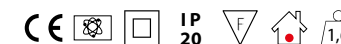


	2700K	3000K
TEXT. WHITE + BRASS	491157	491167
TEXT. BLACK + BRASS	491156	491166
TEXT. BLACK + CU ₂₉	491150	491160



Luxeon M LED 7,84W
230V - AC
Adjustable beam 20° - 48°
755 lumen
Not dimmable

A+



	2700K	3000K
TEXT. WHITE + BRASS	491257	491267
TEXT. BLACK + BRASS	491256	491266
TEXT. BLACK + CU ₂₉	491250	491260
⊕ CLUSTERPLATE 7 - TEXT. WHITE	492977	
⊕ CLUSTERPLATE 7 - TEXT. BLACK	492976	
⊕ CLUSTERPLATE 11 - TEXT. WHITE	492917	
⊕ CLUSTERPLATE 11 - TEXT. BLACK	492916	
⊕ CLUSTERPLATE 15 - TEXT. WHITE	492957	
⊕ CLUSTERPLATE 15 - TEXT. BLACK	492956	

see p. 315



design by Sylvain Willenz **NELSON**

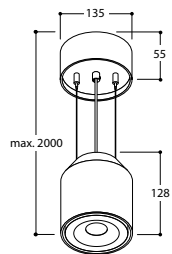


THOR

suspended

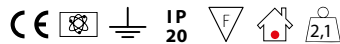


THOR BEAUFORT²



CITIZEN 18W
230V - AC
2000 Lumen
359° 30°

A++



	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	102547	102527	102577	102537
TEXT. BLACK	102546	102526	102576	102536



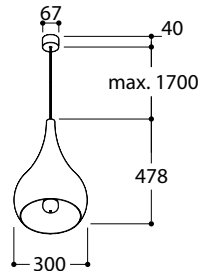
suspended

DIMITRI & KAZAN



 DIMITRI

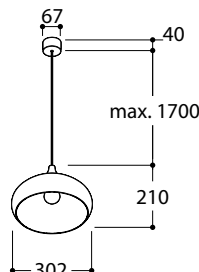


	A60 - 40W E27 230V - AC dimmable see bulb
      	
BLACK + GOLD 453596	



 KAZAN

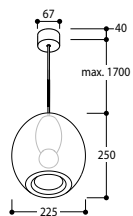


	A60 - 40W E27 230V - AC dimmable see bulb
      	
BLACK + GOLD 453696	

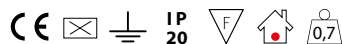
OLIJF



OLIJF E27



A60 - max. 40W
E27
230V - AC
dimable: see bulb



CLEAR GLASS + CHROME PIT	480100
GREY GLASS + CHROME PIT	480104
GREEN GLASS + CHROME PIT	480107
GREY GLASS + GOLD 24K PIT	480113



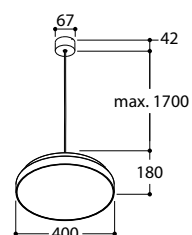


LUZIEN LED

suspended

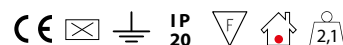


LUZIEN LED - Mains dim



LED ARRAY 21,7W
230V - AC
dimmable L, C
2600 Lumen

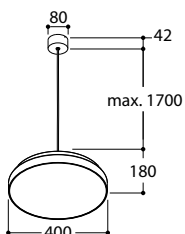
A++



TEXT. WHITE	453147
TEXT. BLACK	453126
TEXT. RED	453134
TEXT. YELLOW	453135

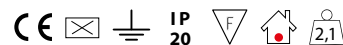


LUZIEN LED - Dali / touch dim



LED ARRAY 21,7W
230V - AC
Dali/touch dimmable
2600 Lumen

A++



TEXT. WHITE	453247
TEXT. BLACK	453226
TEXT. RED	453234
TEXT. YELLOW	453235



suspended

LUZIEN LED dB



LED ARRAY 21,7W
230V - AC
dimmable L, C
2600 Lumen

A++

3000K

FELT/OAK + mainscord WHITE	453170
FELT/OAK + mainscord BLACK	453176



LED ARRAY 21,7W
230V - AC
Dali/touch dimmable
2600 Lumen

A++

3000K

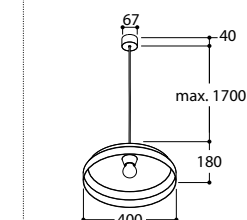
FELT/OAK + mainscord WHITE	453270
FELT/OAK + mainscord BLACK	453276



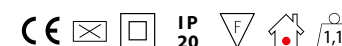
LUZIEN E27

suspended

LUZIEN E27

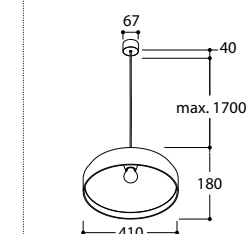


A60 40W
E27
230V - AC
dimmbale: see bulb

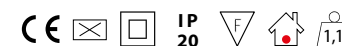


TEXT. WHITE	453047
TEXT. BLACK	453026
TEXT. RED	453034
TEXT. YELLOW	453035
BLACK+GOLD	453096
CU ₂₉	453050

LUZIEN E27 dB



A60 max.40W
E27
230V - AC
dimmbale: see bulb



FELT/OAK (WHITE INSIDE) + mainscord WHITE	453070
FELT/OAK (WHITE INSIDE) + mainscord BLACK	453076
FELT/OAK (CU ₂₉ INSIDE) + mainscord WHITE	453075
FELT/OAK (CU ₂₉ INSIDE) + mainscord BLACK	453077



focus gives energy focus
energy gives focus

Hospitality
is not a
department
it's
lifestyle

ACTING

time is
minutes

THE
DREAM





suspended

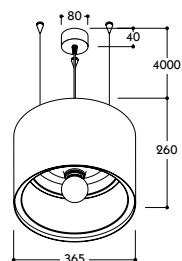


ROBAN E27

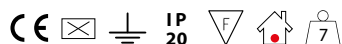
suspended



ROBAN SUSPENSION

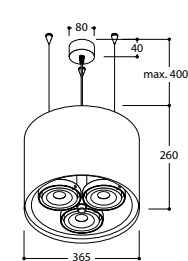


A60 max. 100W
E27
230V - AC
dimable: see bulb



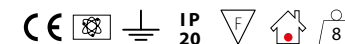
TEXT. WHITE	104518
BLACK + GOLD	104526
TEXT. WHITE + GOLD	104527

ROBAN SUSPENSION BEAUFORT²



CITIZEN (x3) 18W
230V - AC
3 x 2000 lm
155° 180°

A++



	2700K			3000K		
	24°	35°	70°	24°	35°	70°
TEXT. WHITE	104707	104747	104727	104717	104777	104737
TEXT. BLACK	104706	104746	104726	104716	104776	104736
	4000K					
	24°	35°	70°			
TEXT. WHITE	-	104757	104767			
TEXT. BLACK	-	104756	104766			



suspended

ROBAN E27



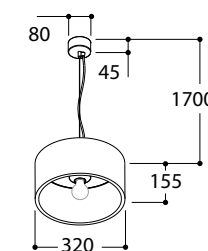


suspended

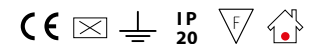
ROBAN OAK



 ROBAN OAK E27



A60 max. 40W
E27
230V - AC
dimable: see bulb



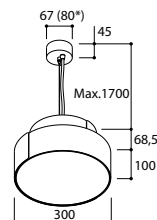
OAK + TEXT. WHITE + MAINSCORD WHITE	481747	⚖ 3,9 kg
OAK + CU ₂₀ + MAINSCORD BLACK	481750	⚖ 4,2 kg
OAK + BRASS + MAINSCORD WHITE	481715	⚖ 4,2 kg

ROLLO design by Sylvain Willenz

suspended

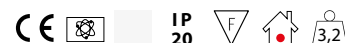


ROLLO SUSPENDED 300



LED ARRAY 13,8W
230V - AC
1880 Lumen
Opal diffuser
Indirect backlight

A++



3000K

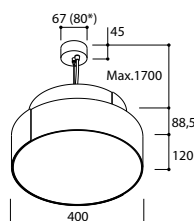
Dimmable L, C

(*)Touch/Dali Dimmable

TEXT. WHITE + BRASS	492157	492167
TEXT. BLACK + BRASS	492156	492166
TEXT. BLACK + CU ₂₉	492150	492160

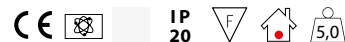


ROLLO SUSPENDED 400



LED ARRAY 18,3W
230V - AC
2740 Lumen
Opal diffuser
Indirect backlight

A++



3000K

Dimmable L, C

(*)Touch/Dali Dimmable

TEXT. WHITE + BRASS	492357	492367
TEXT. BLACK + BRASS	492356	492366
TEXT. BLACK + CU ₂₉	492350	492360

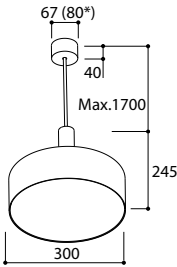


suspended

design by Sylvain Willenz **HUBBLE**



 HUBBLE SUSPENDED 300

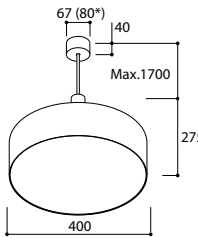


LED ARRAY 13,8W
230V - AC
1880 Lumen
Opal diffuser
Indirect backlight

A++

     		
3000K		
Dimmable L, C	[*]Touch/Dali Dimmable	
TEXT. WHITE	491947	491957
TEXT. BLACK	491926	491936
		

 HUBBLE SUSPENDED 400



LED ARRAY 18,3W
230V - AC
2740 Lumen
Opal diffuser
Indirect backlight

A++

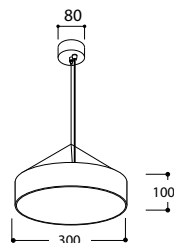
     		
3000K		
Dimmable L, C	[*]Touch/Dali Dimmable	
TEXT. WHITE	491967	491977
TEXT. BLACK	491946	491956
		

FABIAN

suspended

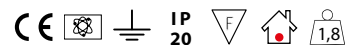


FABIAN 300



LED ARRAY 13,8 W
230V - AC
CRI 82

A++



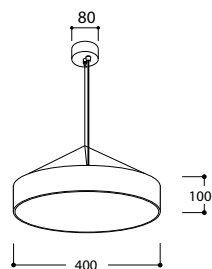
	3000K		4000K	
	mains dim	dali/touch	mains dim	dali/touch
TEXT. WHITE	620347	620357	620367	620377
TEXT. BLACK	620346	620356	620366	620376
	1880 lm		2050 lm	



p. 216



FABIAN 400



LED ARRAY 18,3 W
230V - AC
CRI 82

A++



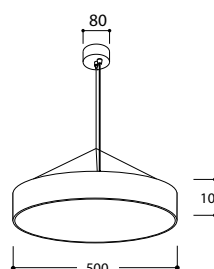
	3000K		4000K	
	mains dim	dali/touch	mains dim	dali/touch
TEXT. WHITE	621347	621357	621367	621377
TEXT. BLACK	621346	621356	621366	621376
	2740 lm		2990 lm	



p. 218



FABIAN 500



LED ARRAY 35,2 W
230V - AC
CRI 82

A++



	3000K		4000K	
	non dim	dali/touch	non dim	dali/touch
TEXT. WHITE	630347	630357	630367	630377
TEXT. BLACK	630346	630356	630366	630376
	5200 lm		5200 lm	



p. 218

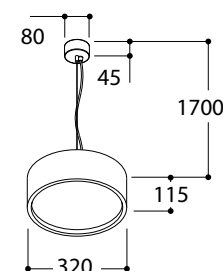




FABIAN OAK

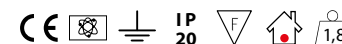


FABIAN OAK



LED ARRAY 13,8 W
230V - AC
CRI 82
1880 lm

A++



3000K

mains dim

dali/touch

OAK + MAINSCORD WHITE

481100

481150



TIMBER



 **TIMBER** 

max 2250
105
1150
65

A++

LED SMD ARRAY 17,6 W
230V - AC
2600lm

CE   IP 20   

	2700K		3000K	
	not dimm	dali dimm	not dimm	dali dimm
OAK + MAINSCORD WHITE	481111	481161	481110	481160
BLACK OAK + MAINSCORD BL.	481117	481167	481116	481166

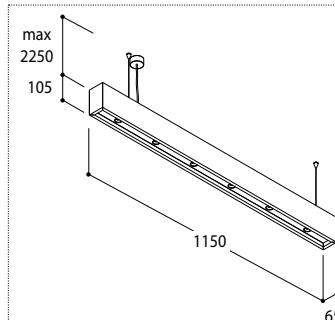
 Zhaga 



LEYE

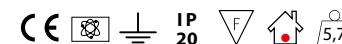


LEYE



A++

LUXEON M LED 6x 3,82W
230V - AC
6x 400 LUMEN
dimnable L,C
beam 36°



2700K

BLACK OAK + GOLD ANO

481196

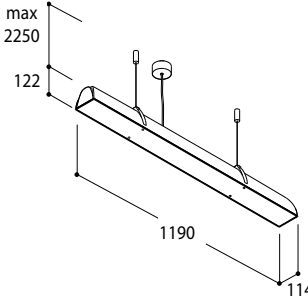


p. 221

ARCHIMEDES



 ARCHIMEDES



PREVALED 17,6 W
230V - AC
2600lm

A++

CE     

	3000K		4000K	
	not dimm	dali dimm	not dimm	dali dimm
TEXTURED WHITE	311427	311527	311437	311537
TEXTURED BLACK	311426	311526	311436	311536

 Zhaga





WODAN BEAUFORT²

suspended



WODAN 2 BEAUFORT²

CITIZEN (x2) 13W
230V - AC
2 x 1500 lm
↻ 155° ↻ 180°

A++

CE, IP 20, F, 3.9

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	421285	421266	421276	421256
TEXT. BLACK	421287	421267	421277	421257
TEXT. WHITE + TEXT. BLACK	421282	421264	421274	421254

BEAUFORT²



WODAN 4 BEAUFORT²

CITIZEN (x4) 13W
230V - AC
4 x 1500 lm
↻ 155° ↻ 180°

A++

CE, IP 20, F, 7.2

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	421585	421566	421576	421556
TEXT. BLACK	421587	421567	421577	421557
TEXT. WHITE + TEXT. BLACK	421582	421564	421574	421554

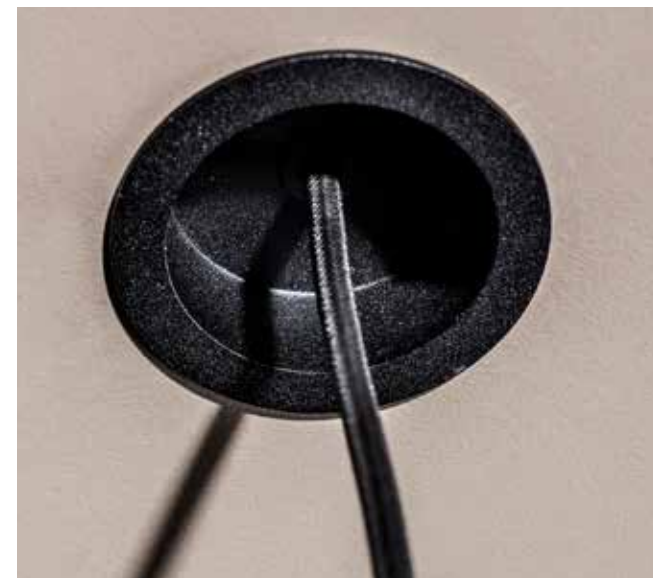
BEAUFORT²

suspended

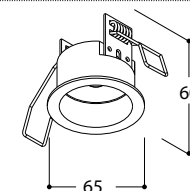


KOSMOS BASE M10

suspended



M10 BASE KOSMOS

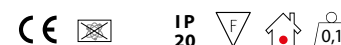


56 mm
Installation height 60 mm

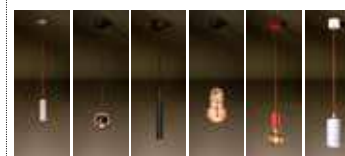
350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

Max. luminaires weight: 0,5kg

Can be used as access point for converter!



TEXT. BLACK	408626
TEXT. WHITE	408647
TEXT. RED	408634

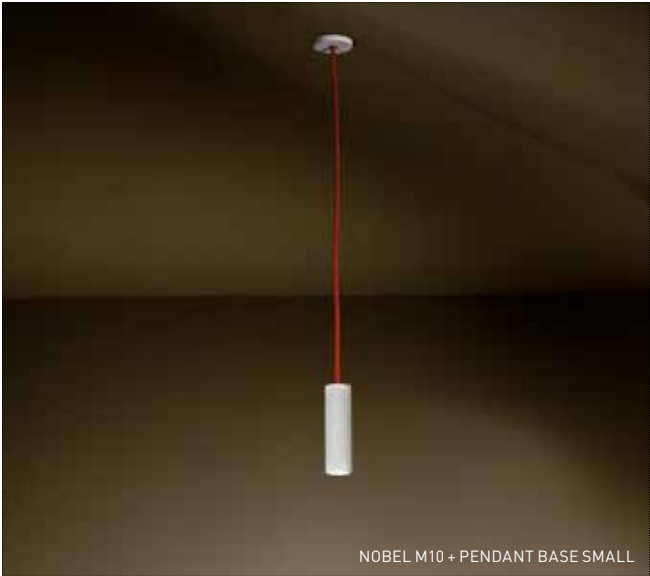


Nobel Berrier Junior Nobel Pi Kalebas Nuts Spinola

CONVERTER p.554 CONVERTER p.556 CONVERTER p.560

suspended

M10 BASE



NOBEL M10 + PENDANT BASE SMALL



3 X NOBEL M10 + PENDANT BASE 3 CI LARGE

M10 BASE RECESSED SMALL



350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

⚡ 20 mm
Installation height 50 mm

CE, IP 20, F, Home, 0,1

TEXT. BLACK	408826
TEXT. WHITE	408847
TEXT. RED	408834
CHROME	408820

Nobel Berrier Junior Nobel Pi Kalebas Nuts

M10 BASE RECESSED LARGE



350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

Can be used as access point for converter!

⚡ 42 mm
Installation height 50 mm

CE, IP 20, F, Home, 0,1

TEXT. BLACK	408926
TEXT. WHITE	408947
TEXT. RED	408934
CHROME	408920

Nobel Berrier Junior Nobel Pi Kalebas Nuts Spinola Berrier Nelson Tele-scoop

M10 BASE 3 LARGE 350mA CI



max. 18W
230V - AC
Output 350mA DC

For suspension only!

CE, IP 20, F, Home, 0,6

TEXT. BLACK	408726
TEXT. WHITE	408747

Nobel Berrier Junior Nobel Pi

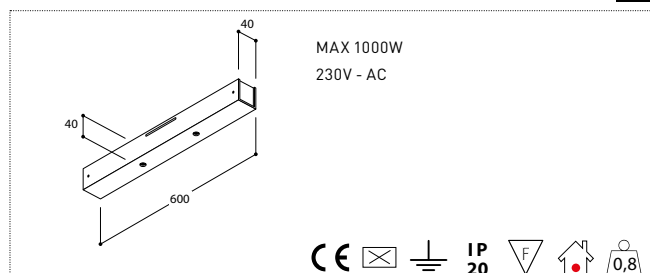
CONVERTER p.554 CONVERTER p.556 CONVERTER p.560

CONVERTER p.554 CONVERTER p.556 CONVERTER p.560

M10 BASE 230V

suspended

M10 BASE DUO 230V 600



TEXT. WHITE

375206

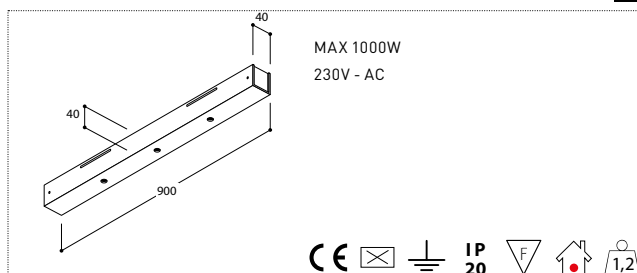
TEXT. BLACK

375236



Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

M10 BASE TRIO 230V 900



TEXT. WHITE

375309

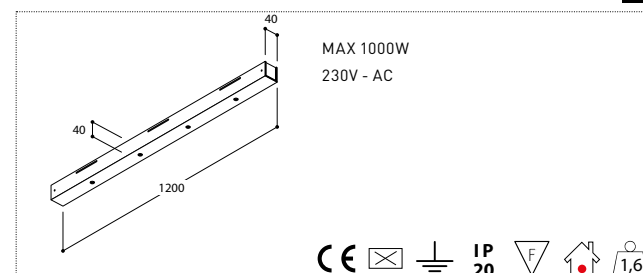
TEXT. BLACK

375336



Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

M10 BASE QUATTRO 230V 1200



TEXT. WHITE

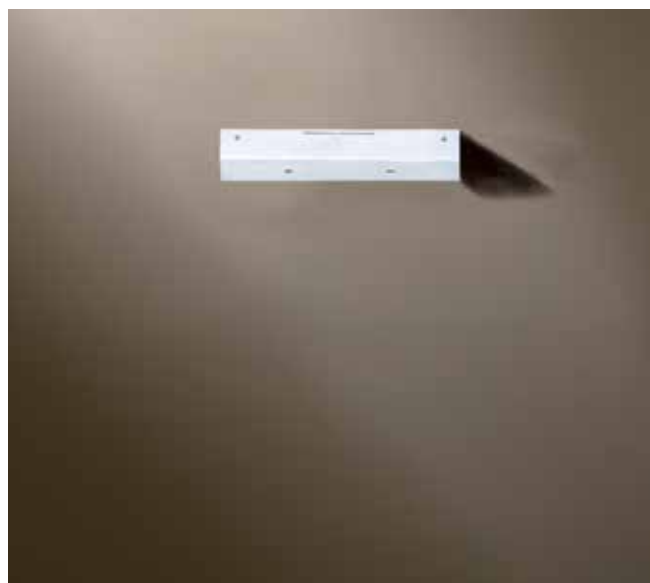
375412

TEXT. BLACK

375436



Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*



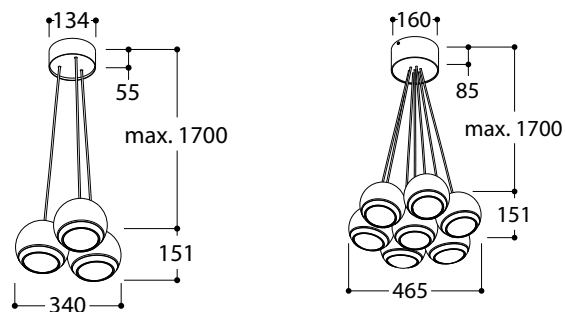
*Olijf must be positioned on several heights to avoid glass contact

Combine
multiple
TELESCOOP
as a cluster.



suspended

M10 BASE ROUND 230V



M10 BASE ROUND 3 230V

MAX 1000W
230V - AC

CE

TEXT. WHITE	411937
TEXT. BLACK	411926

Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

M10 BASE ROUND 7 230V

MAX 1000W
230V - AC

CE

TEXT. WHITE	411977
TEXT. BLACK	411976

Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

M10 CLUSTERPLATE 7 230V

MAX 1000W
230V - AC

CE

CLUSTERPLATE 7 - TEXT. WHITE	492977
CLUSTERPLATE 7 - TEXT. BLACK	492976

Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

M10 CLUSTERPLATE 11 230V

MAX 1000W
230V - AC

CE

CLUSTERPLATE 11 - TEXT. WHITE	492917
CLUSTERPLATE 11 - TEXT. BLACK	492916

Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

M10 CLUSTERPLATE 15 230V

MAX 1000W
230V - AC

CE

CLUSTERPLATE 15 - TEXT. WHITE	492957
CLUSTERPLATE 15 - TEXT. BLACK	492956

Kalebas Nuts Winston Spinola Berrier Nelson Tele-scoop Olijf*

*Olijf must be positioned on several heights to avoid glass contact

stand alone

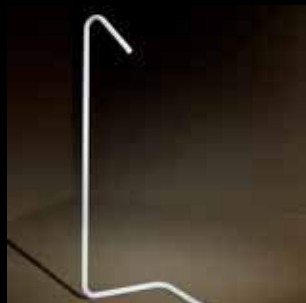
stand alone



DADO 325



ROSEAU 318



SNAKE 320



WODAN 2 BEAUFORT² 324

ROSEAU FLOOR

design by Michel de Nyn

stand alone



ROSEAU FLOOR

LUXEON M - 3,82W
 230V - AC
 400 Lumen
 casambi controlled
 beam 36°
 ⚙ 35°

A++

CE

	2700K	3000K
TEXT. WHITE	416447	416457
TEXT. BLACK	416426	416436

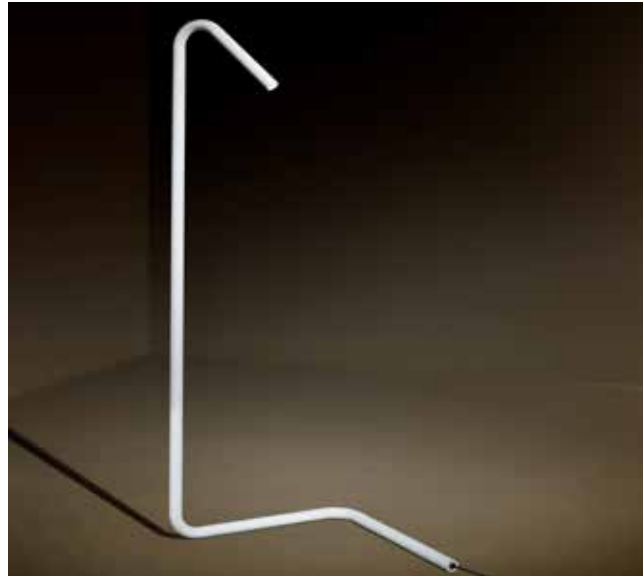
CASAMBI



SNAKE

design by Bruno Erpicum

stand alone



SNAKE

LUXEON M 3,82W
230V - AC
beam 36°
400 lumen

A++

CE, IP 20, F, 4,5

2700K 3000K

TEXT. WHITE	485047	485147
TEXT. BLACK	485026	485126
24K GOLD	485013	485113
CHROME	485021	485121
CU29	485050	485150

Technical drawing showing dimensions: 295, 30, 400, 595, 1440.





stand alone



stand alone



WODAN BEAUFORT²

stand alone



 WODAN 2 BEAUFORT²

LENGTH: 2000

CITIZEN (x2) 12,3W
230V - AC
2x 1500 lumen
↻ 155° ↻ 180°

A++

CE   IP 20    3,9

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	423287	423267	423277	423257
TEXT. BLACK	423285	423266	423276	423256
TEXT. WHITE + TEXT. BLACK	423282	423264	423274	423254

 ²



 WODAN 3 BEAUFORT²

LENGTH: 2000

CITIZEN (x3) 12,3W
230V - AC
3x 1500 lumen
↻ 155° ↻ 180°

A++

CE   IP 20    5,6

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	423387	423367	423377	423357
TEXT. BLACK	423385	423366	423376	423356
TEXT. WHITE + TEXT. BLACK	423382	423364	423374	423354

 ²

 WODAN 4 BEAUFORT²

LENGTH: 2000

CITIZEN (x4) 12,3W
230V - AC
4x 1500 lumen
↻ 155° ↻ 180°

A++

CE   IP 20    7,2

	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	423487	423467	423477	423457
TEXT. BLACK	423485	423466	423476	423456
TEXT. WHITE + TEXT. BLACK	423482	423464	423474	423454

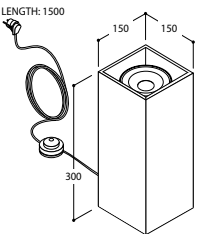
 ²

stand alone

DADO



 **DADO BEAUFORT²** 



CITIZEN 18W
230V - AC
2000 lumen
30°

A++

CE   IP 20   

	2700K	3000K	4000K
	35°	35°	35°
TEXT. WHITE	370947	370977	370957
TEXT. BLACK	370946	370976	370956

 ²



inground uplight

	MATERIAL	TREATMENT	
	STAINLESS STEEL	MARINE GRADE 316 Electrolytically Polished	
	SILVER ANO	AlMgSi 0,5 Technical Anodised	

350mA DC



MICRO OB0/UB0 FOCUS
350mA 330

inground uplight

24V DC



MINI OBO/UBO ROUND LED OPAL
24V 336



MINI OBO/UBO SQUARE LED OPAL
24V 336



MINI OBO/UBO ROUND LED SPOT
24V 334



MINI OBO/UBO SQUARE LED SPOT
24V 334

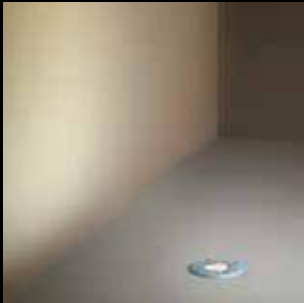
230V AC



MINI OBO/UBO ROUND LED OPAL
230V 340



MINI OBO/UBO SQUARE LED OPAL
230V 340



MINI OBO/UBO ROUND LED SPOT
230V 338



MINI OBO/UBO SQUARE LED SPOT
230V 338



MICRO OBO/UBO ROUND
350mA 330



MINI OBO/UBO ROUND LED OPAL
350mA 344



MINI OBO/UBO SQUARE LED OPAL
350mA 344



MINI OBO/UBO ROUND LED SPOT
350mA 342



MINI OBO/UBO SQUARE LED SPOT
350mA 342



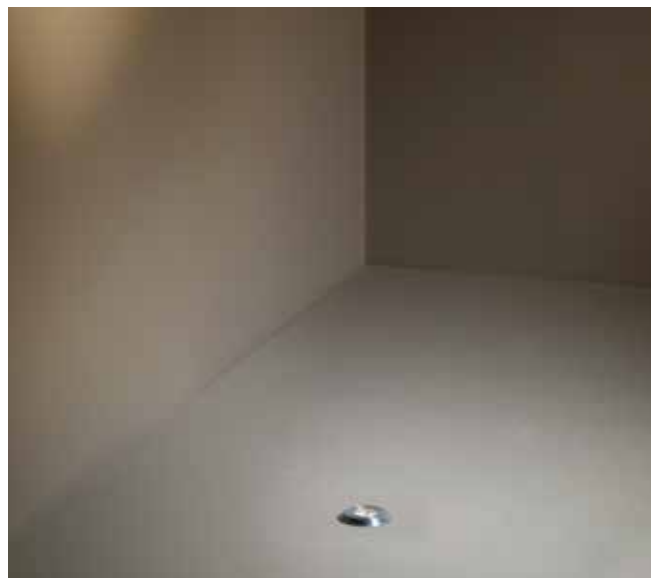
MINI OBO/UBO XICATO
350mA 347





MICRO OBO/UBO ROUND

inground uplight



MICRO OBO ROUND

LUXEON M LED 3,82W
350mA DC
CLEAR GLASS
400 Lumen
beam 36°

A++

	2700K	3000K
STAINLESS STEEL	362621	362670
SILVER ANO	362623	362672

FLOORTUBE

369650

CONVERTER p.554

MICRO UBO ROUND

LUXEON M LED 3,82W
350mA DC
CLEAR GLASS
400 Lumen
beam 36°

A++

	2700K	3000K
STAINLESS STEEL	362641	362660
SILVER ANO	362643	362662

FLOORTUBE

369651

CONVERTER p.554



MICRO OBO FOCUS

LUXEON M 3,8W
350mA DC
CLEAR GLASS
beam 36°
400 Lumen

A++

	2700K	3000K
STAINLESS STEEL + BLACK FOCUS	362625	362675
SILVER ANO + BLACK FOCUS	362627	362677
BLACK ANO + GOLD FOCUS	362628	-
BLACK ANO + BLACK FOCUS	362629	362678

FLOORTUBE

369650

CONVERTER p.554

MICRO UBO FOCUS

LUXEON M 3,8W
350mA DC
CLEAR GLASS
beam 36°
400 Lumen

A++

	2700K	3000K
STAINLESS STEEL + BLACK FOCUS	362645	362665
SILVER ANO + BLACK FOCUS	362647	362667
BLACK ANO + GOLD FOCUS	362648	-
BLACK ANO + BLACK FOCUS	362649	362668

FLOORTUBE

369651

CONVERTER p.554

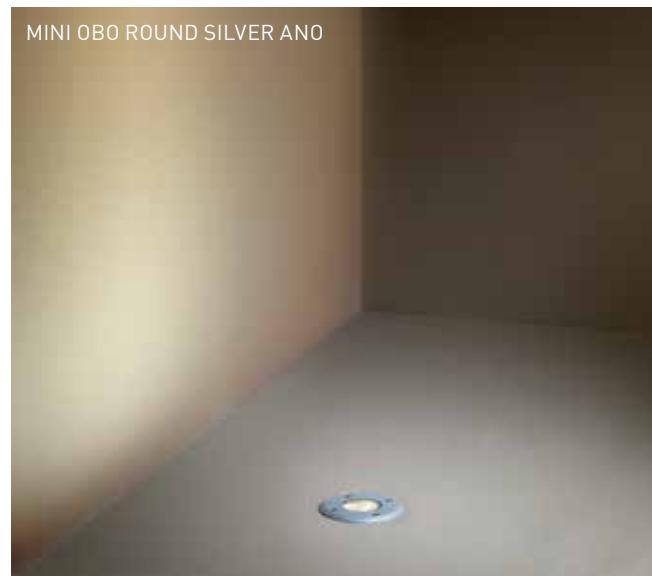




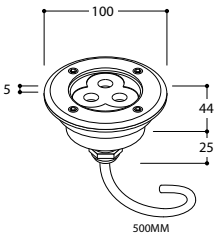


MINI OBO/UBO SPOT 24V

inground uplight



MINI OBO ROUND 24V



PHOBOS LED 3 x 1W
24V DC
CLEAR GLASS
300 Lumen

A

CE, RoHS, Energy Label, IP 67, F, House, 0.8

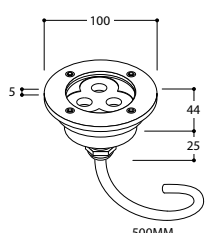
	2700K	3000K
STAINLESS STEEL	369840	363020
SILVER ANO	369842	363022

36°

⊕ FLOORTUBE 366318 p.348
⊕ FLOORBOX 366319 p.348

CONVERTER p.550

MINI UBO ROUND 24V



PHOBOS LED 3 x 1W
24V DC
CLEAR GLASS
300 Lumen

A

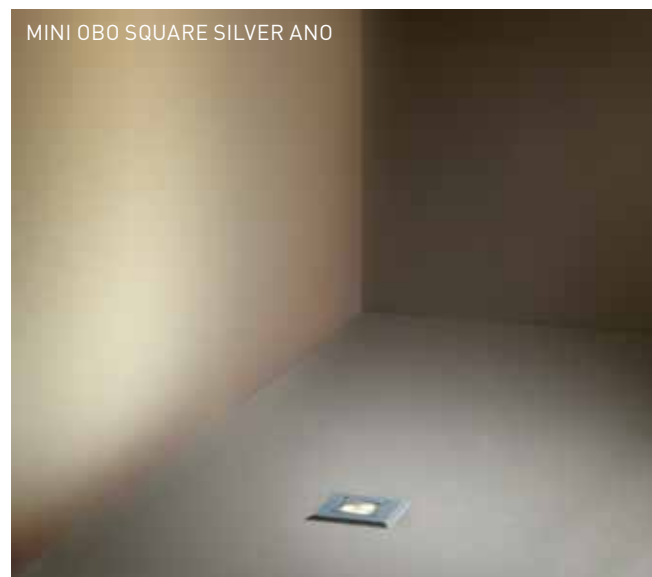
CE, RoHS, Energy Label, IP 67, F, House, 0.8

	2700K	3000K
STAINLESS STEEL	369860	363120
SILVER ANO	369862	363122

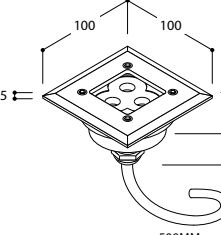
36°

⊕ FLOORTUBE 366308 p.348
⊕ FLOORBOX 366309 p.348

CONVERTER p.550



MINI OBO SQUARE 24V



PHOBOS LED 3 x 1W
24V DC
CLEAR GLASS
300 Lumen

A

CE, RoHS, Energy Label, IP 67, F, House, 0.8

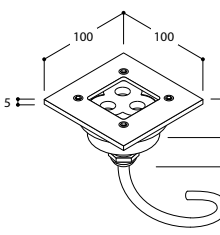
	2700K	3000K
STAINLESS STEEL	369850	363220
SILVER ANO	369852	363222

36°

⊕ FLOORTUBE 366318 p.348
⊕ FLOORBOX 366319 p.348

CONVERTER p.550

MINI UBO SQUARE 24V



PHOBOS LED 3 x 1W
24V DC
CLEAR GLASS
300 Lumen

A

CE, RoHS, Energy Label, IP 67, F, House, 0.8

	2700K	3000K
STAINLESS STEEL	369870	363320
SILVER ANO	369872	363322

36°

⊕ FLOORTUBE 366408 p.348
⊕ FLOORBOX 366409 p.348

CONVERTER p.550

inground uplight

MINI OBO/UBO ROUND

OBO SECTION VIEW

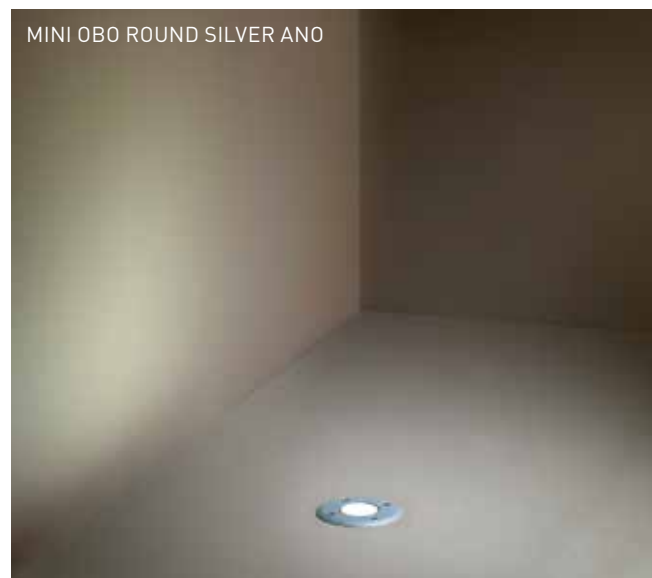


UBO SECTION VIEW



MINI OBO/UBO OPAL 24V

inground uplight



MINI OBO ROUND 24V

PHOBOS LED 3 x 1W
24V DC
OPAL GLASS
300 Lumen

A

CE, RoHS, ENEC, IP 67, F, Home, 0.8

	2700K	3000K
STAINLESS STEEL	369740	369741
SILVER ANO	369742	369743

180°

FLOORTUBE 366318 p.348
 FLOORBOX 366319 p.348

CONVERTER p.554

MINI UBO ROUND 24V

PHOBOS LED 3 x 1W
24V DC
OPAL GLASS
300 Lumen

A

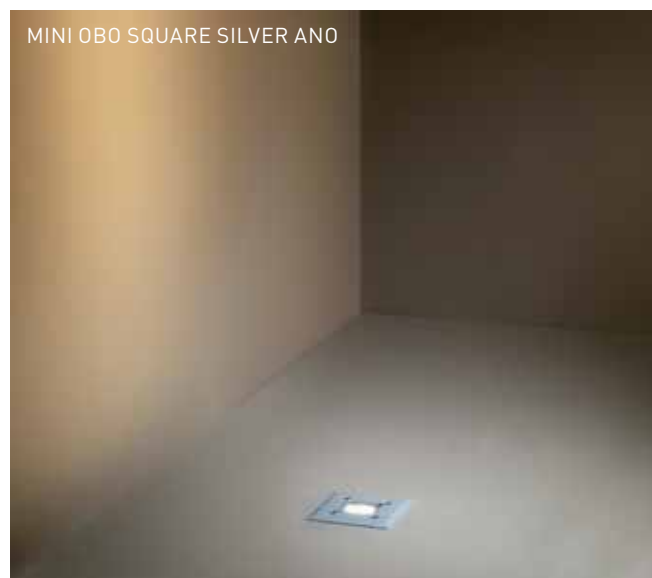
CE, RoHS, ENEC, IP 67, F, Home, 0.8

	2700K	3000K
STAINLESS STEEL	369760	369761
SILVER ANO	369762	369763

180°

FLOORTUBE 366308 p.348
 FLOORBOX 366309 p.348

CONVERTER p.554



MINI OBO SQUARE 24V

PHOBOS LED 3 x 1W
24V DC
OPAL GLASS
300 Lumen

A

CE, RoHS, ENEC, IP 67, F, Home, 0.8

	2700K	3000K
STAINLESS STEEL	369750	369751
SILVER ANO	369752	369753

180°

FLOORTUBE 366318 p.348
 FLOORBOX 366319 p.348

CONVERTER p.554

MINI UBO SQUARE 24V

PHOBOS LED 3 x 1W
24V DC
OPAL GLASS
300 Lumen

A

CE, RoHS, ENEC, IP 67, F, Home, 0.8

	2700K	3000K
STAINLESS STEEL	369770	369771
SILVER ANO	369772	369773

180°

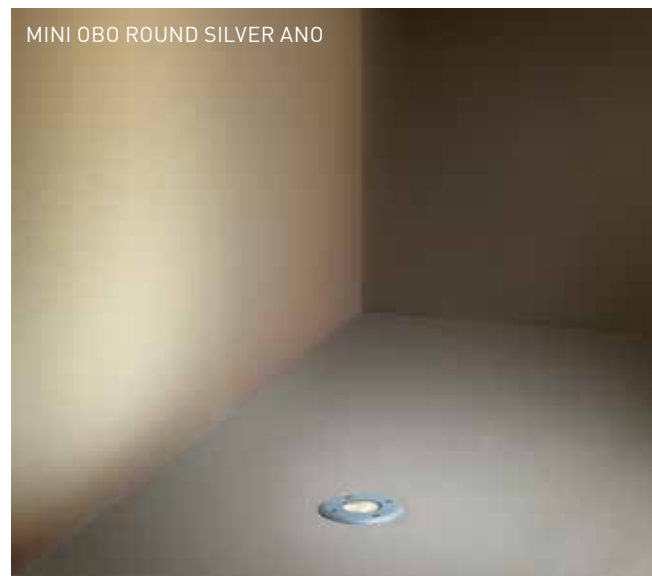
FLOORTUBE 366408 p.348
 FLOORBOX 366409 p.348

CONVERTER p.554



MINI OBO/UBO SPOT 230V

inground uplight



MINI OBO ROUND 230V

LUXEON M LED 3,82W
230V - AC
CLEAR GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, 0,8

	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	493300	493400	493500	493340	493440	493540
SILVER ANO	493302	493402	493502	493342	493442	493542

FLOORTUBE 493358 p.348
 FLOORBOX 493359 p.348

MINI UBO ROUND 230V

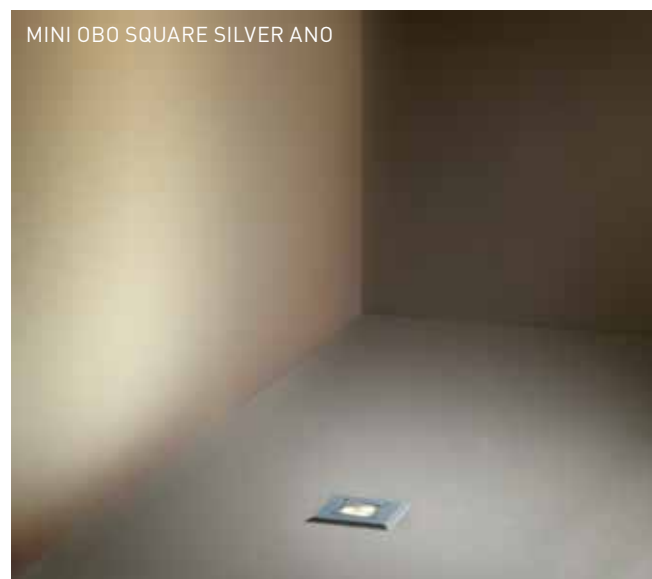
LUXEON M LED 3,82W
230V - AC
CLEAR GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, 0,8

	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	493320	493420	493520	493360	493460	493560
SILVER ANO	493322	493422	493522	493362	493462	493562

FLOORTUBE 493348 p.348
 FLOORBOX 493349 p.348



MINI OBO SQUARE 230V

LUXEON M LED 3,82W
230V - AC
CLEAR GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, 0,8

	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	493310	493410	493510	493350	493450	493550
SILVER ANO	493312	493412	493512	493352	493452	493552

FLOORTUBE 493358 p.348
 FLOORBOX 493359 p.348

MINI UBO SQUARE 230V

LUXEON M LED 3,82W
230V - AC
CLEAR GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, 0,8

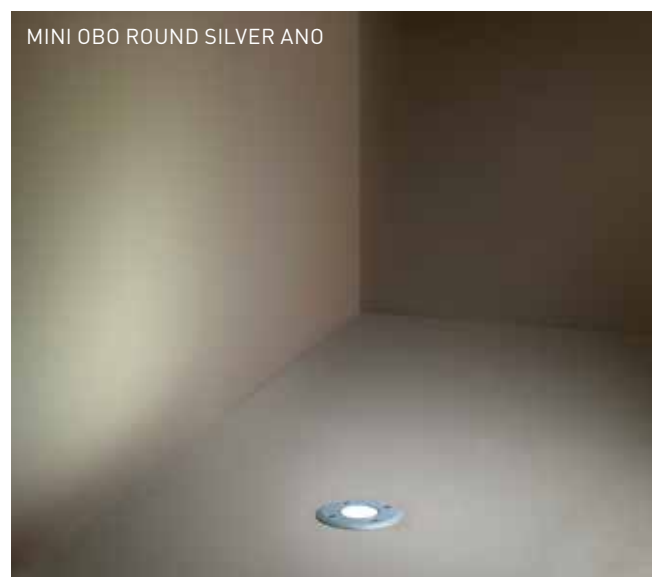
	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	493330	493430	493530	493370	493470	493570
SILVER ANO	493332	493432	493532	493372	493472	493572

FLOORTUBE 493448 p.348
 FLOORBOX 493449 p.348



MINI OBO/UBO OPAL 230V

inground uplight



MINI OBO ROUND 230V

LUXEON M LED 3,82W
230V - AC
OPAL GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, Home, 0,8

	2700K	3000K
STAINLESS STEEL	493200	493240
SILVER ANO	493202	493242

FLOORTUBE 493358 p.348
 FLOORBOX 493359 p.348

MINI UBO ROUND 230V

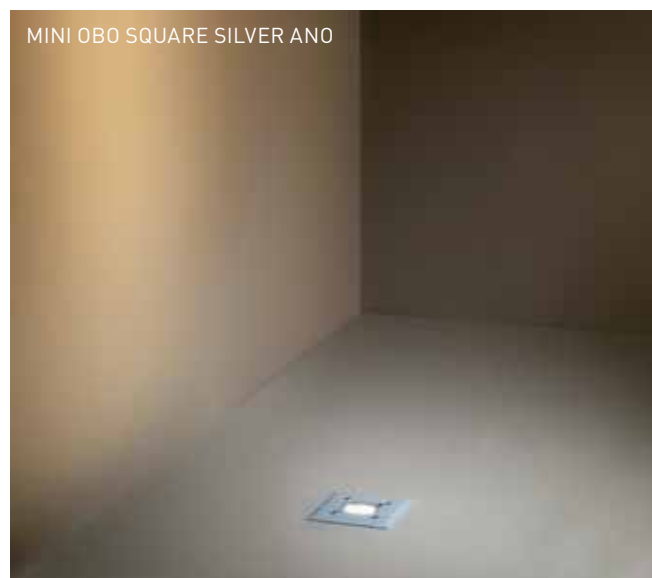
LUXEON M LED 3,82W
230V - AC
OPAL GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, Home, 0,8

	2700K	3000K
STAINLESS STEEL	493220	493260
SILVER ANO	493222	493262

FLOORTUBE 493348 p.348
 FLOORBOX 493349 p.348



MINI OBO SQUARE 230V

LUXEON M LED 3,82W
230V - AC
OPAL GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, Home, 0,8

	2700K	3000K
STAINLESS STEEL	493210	493250
SILVER ANO	493212	493252

FLOORTUBE 493358 p.348
 FLOORBOX 493359 p.348

MINI UBO SQUARE 230V

LUXEON M LED 3,82W
230V - AC
OPAL GLASS
400 Lumen

A++

CE, RoHS, IP 67, F, Home, 0,8

	2700K	3000K
STAINLESS STEEL	493230	493270
SILVER ANO	493232	493272

FLOORTUBE 493448 p.348
 FLOORBOX 493449 p.348

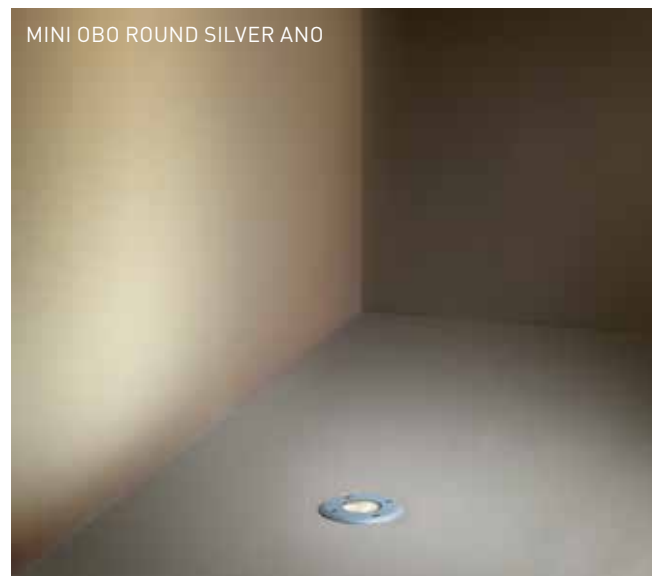
inground uplight

MINI OBO/UBO OPAL 230V

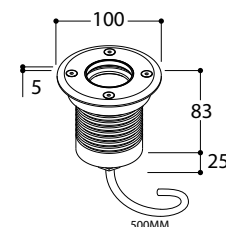


MINI OBO/UBO SPOT 350mA

inground uplight

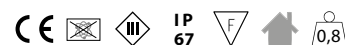


MINI OBO ROUND 350mA



LUXEON M LED 3,82W
350mA DC
CLEAR GLASS
400 Lumen
dimmable PWM or CCR

A++

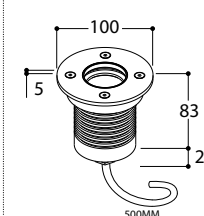


	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	369300	369400	369500	369340	369440	369540
SILVER ANO	369302	369402	369502	369342	369442	369542

- FLOORTUBE 366358 p.348
- FLOORBOX 366359 p.348

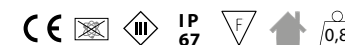
CONVERTER p.554

MINI UBO ROUND 350mA



LUXEON M LED 3,82W
350mA DC
CLEAR GLASS
400 Lumen
dimmable PWM or CCR

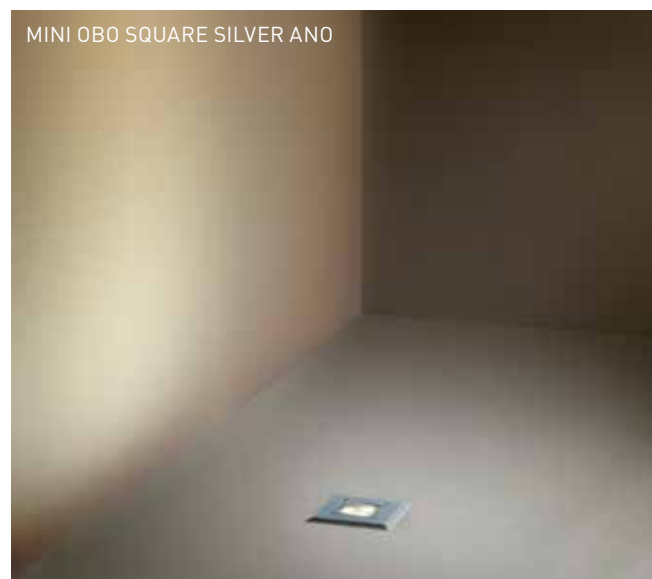
A++



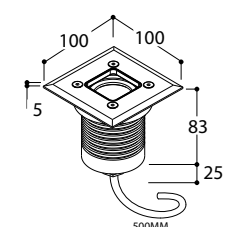
	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	369320	369420	369520	369360	369460	369560
SILVER ANO	369322	369422	369522	369362	369462	369562

- FLOORTUBE 366348 p.348
- FLOORBOX 366349 p.348

CONVERTER p.554

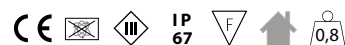


MINI OBO SQUARE 350mA



LUXEON M LED 3,82W
350mA DC
CLEAR GLASS
400 Lumen
dimmable PWM or CCR

A++

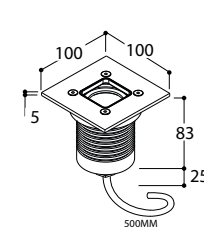


	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	369310	369410	369510	369350	369450	369550
SILVER ANO	369312	369412	369512	369352	369452	369552

- FLOORTUBE 366358 p.348
- FLOORBOX 366359 p.348

CONVERTER p.554

MINI UBO SQUARE 350mA



LUXEON M LED 3,82W
350mA DC
CLEAR GLASS
400 Lumen
dimmable PWM or CCR

A++



	2700K			3000K		
	9°	38°	60°	9°	38°	60°
STAINLESS STEEL	369330	369430	369530	369370	369470	369570
SILVER ANO	369332	369432	369532	369372	369472	369572

- FLOORTUBE 366448 p.348
- FLOORBOX 366449 p.348

CONVERTER p.554



9°



38°

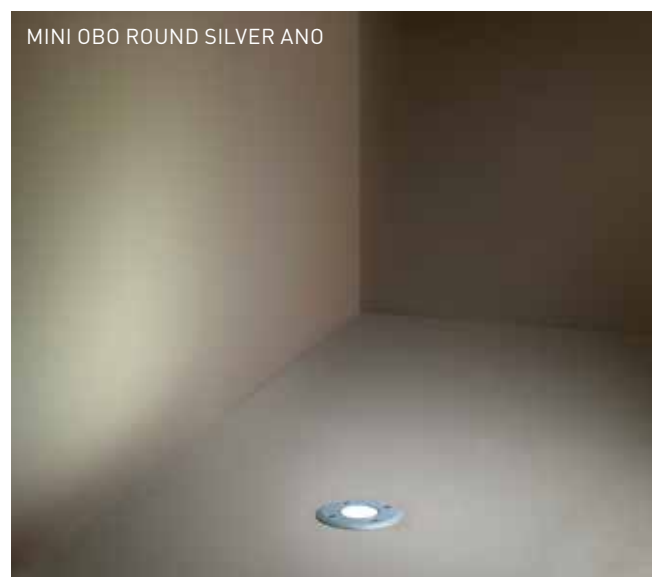


60°

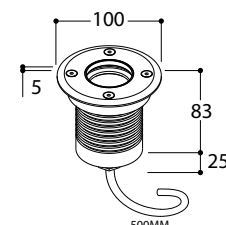


MINI OBO/UBO OPAL 350mA

inground uplight

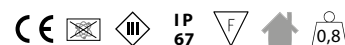


MINI OBO ROUND 350mA



LUXEON M LED 3,82W
350mA DC
OPAL GLASS
400 Lumen
dimmable PWM or CCR

A++

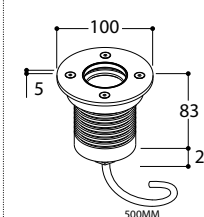


	2700K	3000K
STAINLESS STEEL	369200	369240
SILVER ANO	369202	369242

FLOORTUBE	366358	p.348
FLOORBOX	366359	p.348

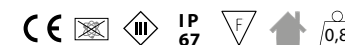
CONVERTER p.554

MINI UBO ROUND 350mA



LUXEON M LED 3,82W
350mA DC
OPAL GLASS
400 Lumen
dimmable PWM or CCR

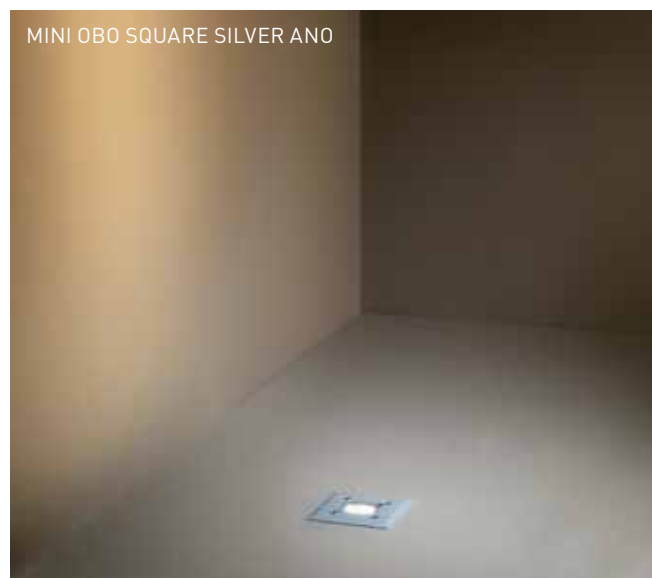
A++



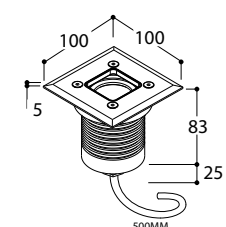
	2700K	3000K
STAINLESS STEEL	369220	369260
SILVER ANO	369222	369262

FLOORTUBE	366348	p.348
FLOORBOX	366349	p.348

CONVERTER p.554

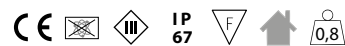


MINI OBO SQUARE 350mA



LUXEON M LED 3,82W
350mA DC
OPAL GLASS
400 Lumen
dimmable PWM or CCR

A++

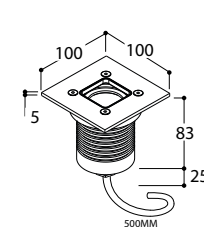


	2700K	3000K
STAINLESS STEEL	369210	369250
SILVER ANO	369212	369252

FLOORTUBE	366358	p.348
FLOORBOX	366359	p.348

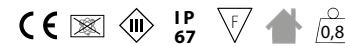
CONVERTER p.554

MINI UBO SQUARE 350mA



LUXEON M LED 3,82W
350mA DC
OPAL GLASS
400 Lumen
dimmable PWM or CCR

A++



	2700K	3000K
STAINLESS STEEL	369230	369270
SILVER ANO	369232	369272

FLOORTUBE	366448	p.348
FLOORBOX	366449	p.348

CONVERTER p.554

inground uplight

MINI OBO/UBO OPAL 350mA



MINI OBO/UBO XICATO

inground uplight

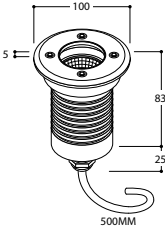


inground uplight

MINI OBO/UBO XICATO



MINI OBO ROUND XICATO



XICATO XTM 6,3W
350mA (18,1Vf)
dimmbable PWM or CCR
720 Lumen
beam 40°
CRI 97



Installation depth 115 mm	2700K
BLACK ANO + CLEAR GLASS	369685
STAINLESS STEEL + CLEAR GLASS	369693
SILVER ANO + CLEAR GLASS	369695

 FLOORTUBE

 FLOORBOX

366358

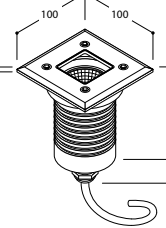
366359

p.348

p.348

CONVERTER p.554

MINI OBO SQUARE XICATO



XICATO XTM 6,3W
350mA (18,1Vf)
dimmbable PWM or CCR
720 Lumen
beam 40°
CRI 97



Installation depth 115 mm	2700K
BLACK ANO + CLEAR GLASS	369885
STAINLESS STEEL + CLEAR GLASS	369893
SILVER ANO + CLEAR GLASS	369895

 FLOORTUBE

 FLOORBOX

366358

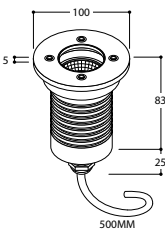
366359

p.348

p.348

CONVERTER p.554

MINI UBO ROUND XICATO



XICATO XTM 6,3W
350mA (18,1Vf)
dimmbable PWM or CCR
720 Lumen
beam 40°
CRI 97



Installation depth 120 mm	2700K
BLACK ANO + CLEAR GLASS	369785
STAINLESS STEEL + CLEAR GLASS	369793
SILVER ANO + CLEAR GLASS	369795

 FLOORTUBE

 FLOORBOX

366348

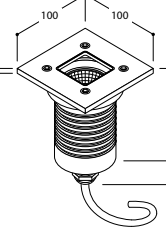
366349

p.348

p.348

CONVERTER p.554

MINI UBO SQUARE XICATO



XICATO XTM 6,3W
350mA (18,1Vf)
dimmbable PWM or CCR
720 Lumen
beam 40°
CRI 97



Installation depth 120 mm	2700K
BLACK ANO + CLEAR GLASS	369985
STAINLESS STEEL + CLEAR GLASS	369993
SILVER ANO + CLEAR GLASS	369995

 FLOORTUBE

 FLOORBOX

366448

366449

p.348

p.348

CONVERTER p.554

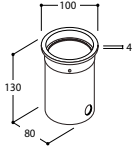
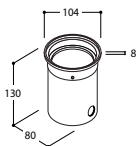
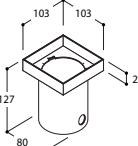
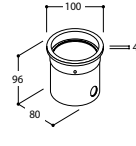
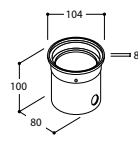
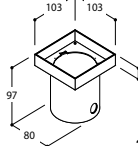
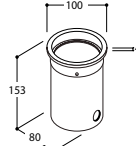
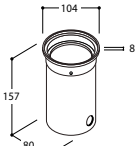
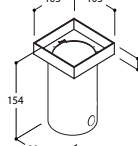


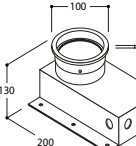
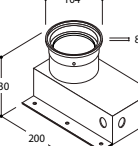
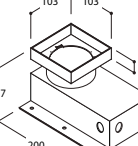
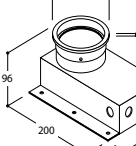
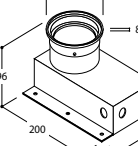
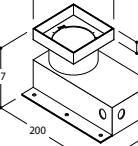
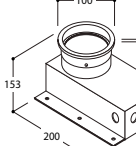
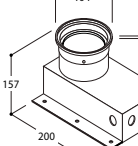
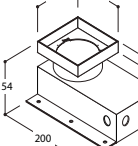
	MATERIAL	TREATMENT
STAINLESS STEEL	MARINE GRADE 316	Electrolytically Polished
SILVER ANO	AlMgSi 0,5	Technical Anodised

FLOORTUBES

FLOORBOX

inground uplight

	MINI OBO ROUND/ SQUARE	MINI UBO ROUND	MINI UBO SQUARE
XICATO XTM LUXEON M WC	 366358	 366348	 366448
PHOBOS LED	 366318	 366308	 366408
LUXEON M CI	 393358	 493348	 493448

	MINI OBO ROUND/ SQUARE	MINI UBO ROUND	MINI UBO SQUARE
XICATO XTM LUXEON M WC	 366359	 366349	 366449
PHOBOS LED	 366319	 366309	 366409
LUXEON M CI	 493359	 493349	 493449

RECESSED DIMENSIONS

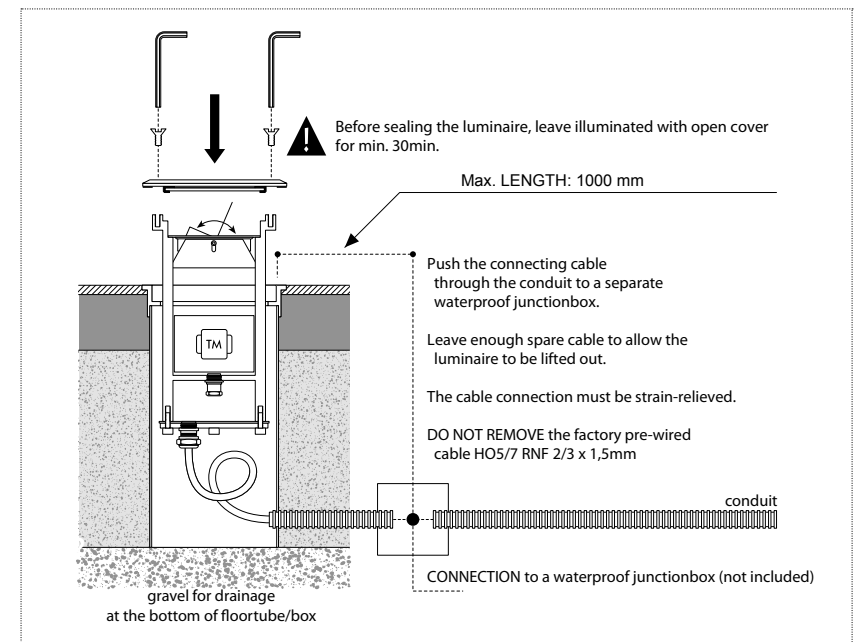
	MINI OBO ROUND/ SQUARE	MINI UBO ROUND	MINI UBO SQUARE
XICATO XTM LUXEON M WC			
PHOBOS LED			
LUXEON M CI			

Recessed dimensions are the minimum dimensions required for floorspot installation without floorspot or floortube.

INSTALLATION



RECOMMENDED INSTALLATION OF FLOORSPOTS





B4 354



BERNARD 372



BRIX CEILING 396



BRIX LED IP65 392



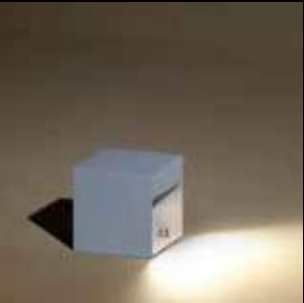
BRIX LONG IP65 395



FORUM BEACON 382



GUIDO 397



HEB 366



HEKOWA 50 SPOT 376



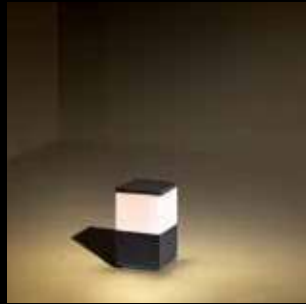
HEKOWA 50 PUCK 378



HEKOWA 100 SPOT 377



HEKOWA 100 PUCK 379



MENHIR 150-250 362



MENHIR B.I.G. 600 363



MINI HELAX OUT 402



ROBBE 360



ROSEAU FLOOR 358



ROSEAU PIN 356

exterior



FORUM SPOT 383



FORUM PUCK 385



GREG 401



GREGORIUS 399



GREGORY 400



GUARDIAN 368



HEKOWA BEACON 380



HELAX OUT 403



JOE DALTON 390



LISDODDE 352



MAX 50 374



MENHIR BLUE 364



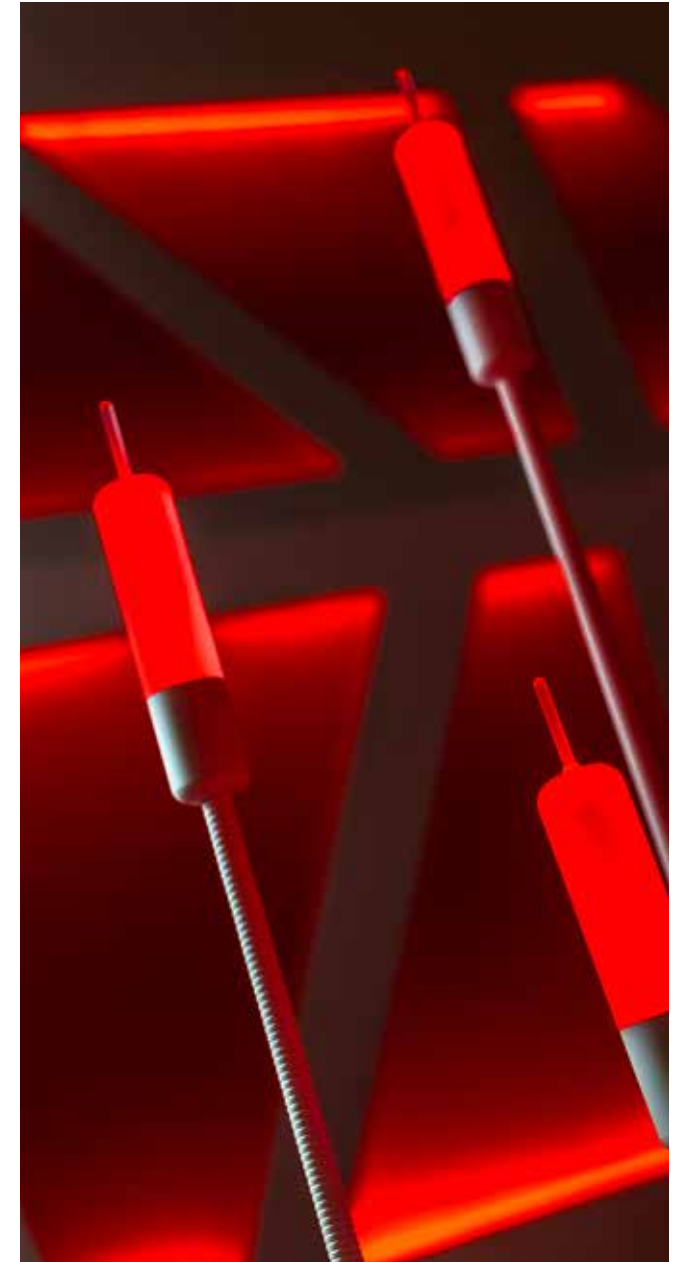
TOOTEM PUCK 386



TOOTEM BEACON 388

LISDODDE

exterior



LISDODDE

CREE XPE 1,5W
24V - DC
94 lumen

A+

LENGTH: 2000
1120
35

LENGTH: 2000
1120
35

CE 1,2

	2700K	3000K
TEXTURED BLACK	440026	440036
SILVER ANTHRACITE	440023	440033

LISDODDE 1IN 1OUT SINGLE CONNECTOR IP68 **440090**
 LISDODDE 1IN 3OUT MULTIPLE CONNECTOR IP68 **440091**

CONVERTER p.550

exterior

LISDODDE



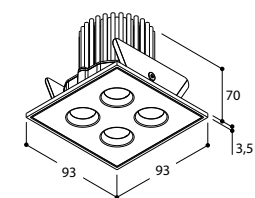
B4 OUT

 80 mm

exterior



B4 OUT LEAF

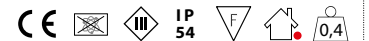


CREE XPG 8W
700mA DC
Dimmable PWM or CCR
832 Lumen
CRI 92

A++

 80 mm

Installation height 75 (90) mm



	2700K			3000K		
	10°	25°	46°	10°	25°	46°
TEXT. WHITE	294347	294447	294547	294357	294457	294557
TEXT. BLACK	294326	294426	294526	294336	294436	294536

CONVERTER p.560

exterior

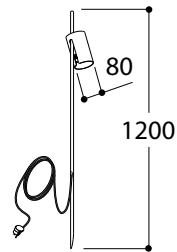


ROSEAU PIN design by Michel de Nyn

exterior

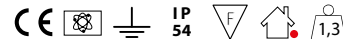


ROSEAU PIN



LUXEON M 3,82W
230V - AC
0-35°
400 lumen

A++



	2700K	3000K
TEXTURED BLACK	416126	416136
TEXTURED GREY	416103	416113
SILVER ANTHRACITE	416123	416133
SILVER SAND	416129	416139



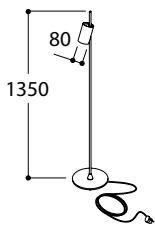
ROSEAU FLOOR

design by Michel de Nyn

exterior



ROSEAU FLOOR 1350



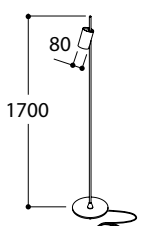
LUXEON M 3,82W
 230V - AC
 0-35°
 400 lumen

A++

CE, IP 54, F, 5,1

	2700K	3000K
TEXTURED BLACK	416226	416236
TEXTURED GREY	416203	416213
SILVER ANTHRACITE	416223	416233
SILVER SAND	416229	416239

ROSEAU FLOOR 1700



LUXEON M 3,82W
 230V - AC
 0-35°
 400 lumen

A++

CE, IP 54, F, 5,3

	2700K	3000K
TEXTURED BLACK	416326	416336
TEXTURED GREY	416303	416313
SILVER ANTHRACITE	416323	416333
SILVER SAND	416329	416339





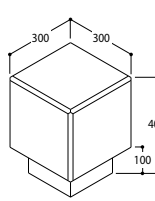
ROBBER

design by Frederik Degreve

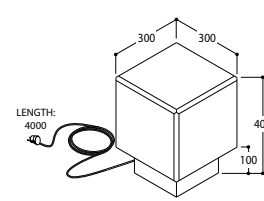
exterior



ROBBER

		SMD 18W 230V - AC		A+	
CE     		3000K		BLACK RUBBER	
				643026	
FLOORPIN				260991	

ROBBER STAND ALONE

		SMD 18W 230V - AC		A+	
CE     		3000K		BLACK RUBBER	
				643926	
FLOORPIN				260991	

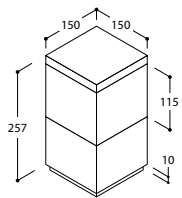


MENHIR 150-250

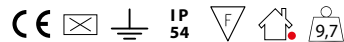
exterior



 MENHIR 150-250



A60 MAX 40W
E27
230V - AC
dimnable: see bulb



TEXTURED BLACK	360526
TEXTURED GREY	360533
SILVER ANTHRACITE	360530
SILVER SAND	360529

 GROUNDPIN 260992

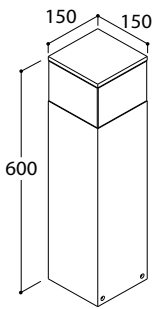


exterior

MENHIR B.I.G.



 **MENHIR B.I.G. 600**



A60 MAX 40W
E27
230V - AC
dimmable: see bulb



TEXTURED BLACK	360726
TEXTURED GREY	360734
SILVER ANTHRACITE	360764
SILVER SAND	360786

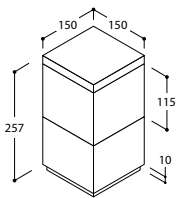
 GROUNDPIN LARGE 260991



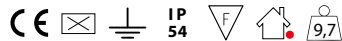
MENHIR BLUESTONE



MENHIR 150-250



A60 MAX 40W
E27
230V - AC
dimnable: see bulb



BLUE STONE

360550

⊕ GROUND PIN

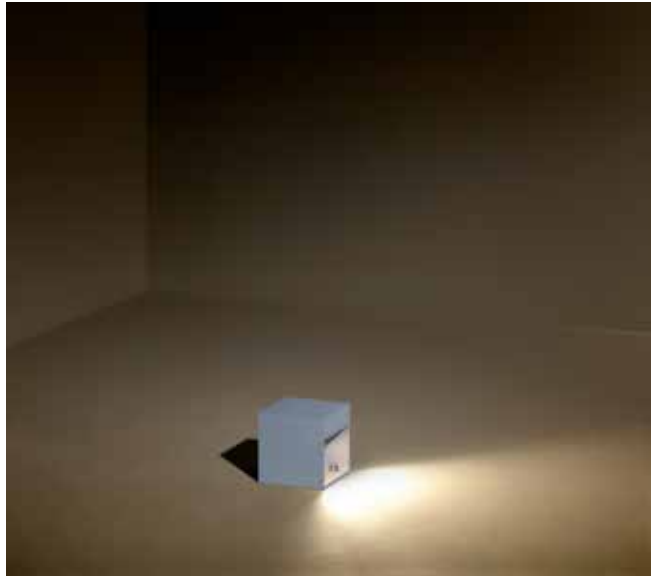
260992



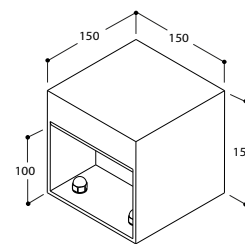


HEB

exterior

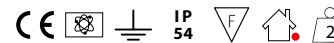


HEB 150-150 CI



CREE XPE (x3) 1,2W
230V - AC
300 lumen

A⁺



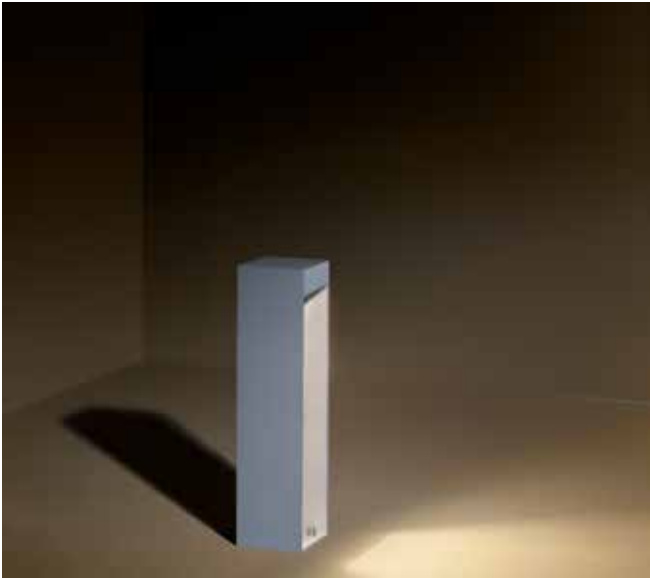
	2700K	3000K
TEXTURED BLACK	150726	150096
TEXTURED GREY	150703	150098
SILVER ANTHRACITE	150723	150923
SILVER SAND	150729	150929

GROUNDPIN

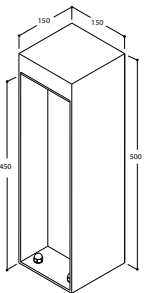
260991

exterior

HEB



 **HEB 150-500 CI** 



CREE XPE (x3) 1,2W
230V - AC
300 lumen

A⁺



	2700K	3000K
TEXTURED BLACK	150736	150798
TEXTURED GREY	150730	150930
SILVER ANTHRACITE	150733	150933
SILVER SAND	150739	150939

 GROUNDPIN LARGE

260991

TAL 367

GUARDIAN

exterior



 GUARDIAN 295



LUXEON M 3,82W

230V - AC

400 lumen

A++

IP
65

2700K

3000K

TEXTURED BLACK

431226

431626

TEXTURED GREY

431203

431603

SILVER ANTHRACITE

431223

431623

SILVER SAND

431229

431629

GROUND PIN

260992

 GUARDIAN 595



LUXEON M 3,82W

230V - AC

400 lumen

A++

IP
65

3,1

2700K

3000K

TEXTURED BLACK

431326

431726

TEXTURED GREY

431303

431703

SILVER ANTHRACITE

431323

431723

SILVER SAND

431329

431729

GROUND PIN

260992



exterior

GUARDIAN





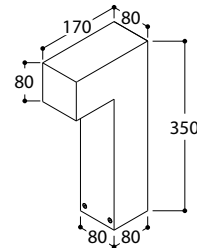


BERNARD

exterior



 BERNARD 350



LUXEON M 3,82W
230V - AC
400 lumen

A++



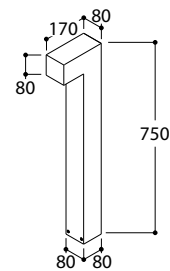
	2700K	3000K
TEXTURED BLACK	454026	454226
TEXTURED GREY	454003	454203
SILVER ANTHRACITE	454023	454223
SILVER SAND	454029	454229

 GROUNDPIN

260992



 BERNARD 750



LUXEON M 3,82W
230V - AC
400 lumen

A++



	2700K	3000K
TEXTURED BLACK	454126	454326
TEXTURED GREY	454103	454309
SILVER ANTHRACITE	454123	454323
SILVER SAND	454129	454329

 GROUNDPIN

260992



exterior

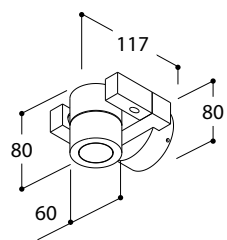
BERNARD



MAX 50

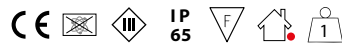


MAX 50 WC



LUXEON M 3,82W
350mA DC
Dimmable PWM or CCR
400 lumen
beam 36°
⌀ 100°

A++



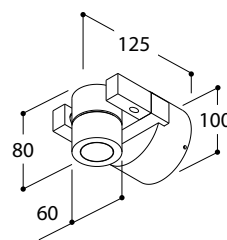
	2700K	3000K
TEXTURED BLACK	474226	474236
TEXTURED GREY	474203	474213
SILVER ANTHRACITE	474223	474233
SILVER SAND	474229	474239

GROUNDPIN

260990

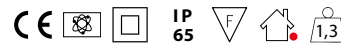
CONVERTER p.554

MAX 50 CI



LUXEON M 3,82W
230V - AC
400 lumen
beam 36°
⌀ 100°

A++



	2700K	3000K
TEXTURED BLACK	474026	474036
TEXTURED GREY	474003	474013
SILVER ANTHRACITE	474023	474033
SILVER SAND	474029	474039

GROUNDPIN

260990



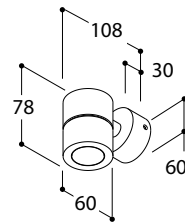


HEKOWA 50 SPOT

exterior

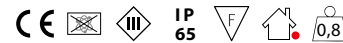


HEKOWA 50 SPOT WC



LUXEON M 3,82W
350mA DC
Dimmable PWM or CCR
400 lumen
beam 36°

A++

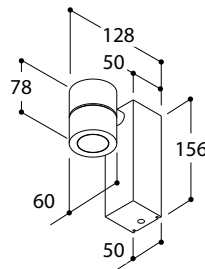


	2700K	3000K
TEXTURED BLACK	473226	473236
TEXTURED GREY	473203	473213
SILVER ANTHRACITE	473223	473233
SILVER SAND	473229	473239

CONVERTER p.554



HEKOWA 50 SPOT CI



LUXEON M 3,82W
230V - AC
400 lumen
beam 36°

A++



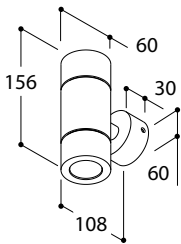
	2700K	3000K
TEXTURED BLACK	473026	473036
TEXTURED GREY	473003	473013
SILVER ANTHRACITE	473023	473033
SILVER SAND	473029	473039

exterior



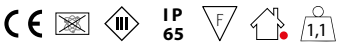
HEKOWA 100 SPOT

HEKOWA 100 SPOT WC



LUXEON M (x2) 3,82W
350mA DC
Dimmable PWM or CCR
2x 400 lumen
beam up & down 36°

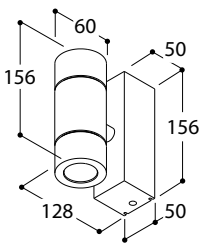
A++



	2700K	3000K
TEXTURED BLACK	473326	473336
TEXTURED GREY	473303	473313
SILVER ANTHRACITE	473323	473333
SILVER SAND	473329	473339

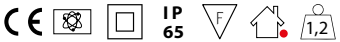
CONVERTER p.554

HEKOWA 100 SPOT CI



LUXEON M (x2) 3,82W
230V - AC
2x 400 lumen
beam up & down 36°

A++



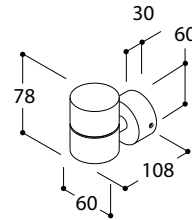
	2700K	3000K
TEXTURED BLACK	473126	473136
TEXTURED GREY	473103	473113
SILVER ANTHRACITE	473123	473133
SILVER SAND	473129	473139

HEKOWA 50 PUCK

exterior

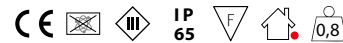


 HEKOWA 50 PUCK WC



LUXEON M 3,82W
350mA DC
Dimmable PWM or CCR
400 lumen

A++

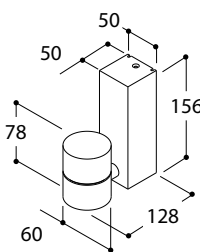


	2700K	3000K
TEXTURED BLACK	473626	473636
TEXTURED GREY	473603	473613
SILVER ANTHRACITE	473623	473633
SILVER SAND	473629	473639

CONVERTER p.554

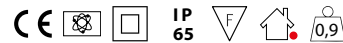


 HEKOWA 50 PUCK CI



LUXEON M 3,82W
230V - AC
400 lumen

A++



	2700K	3000K
TEXTURED BLACK	473426	473436
TEXTURED GREY	473403	473413
SILVER ANTHRACITE	473423	473433
SILVER SAND	473429	473439

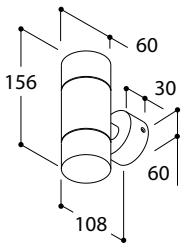


exterior



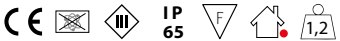
HEKOWA 100 PUCK

HEKOWA 100 PUCK WC



LUXEON M (x2) 3,82W
350mA DC
Dimmable PWM or CCR
2x 400 lumen

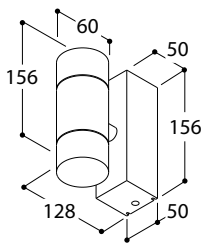
A++



	2700K	3000K
TEXTURED BLACK	473666	473676
TEXTURED GREY	473643	473653
SILVER ANTHRACITE	473663	473673
SILVER SAND	473669	473679

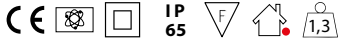
CONVERTER p.554

HEKOWA 100 PUCK CI



LUXEON M (x2) 3,82W
230V - AC
2x 400 lumen

A++



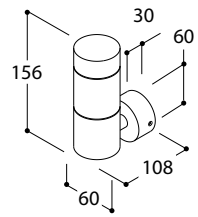
	2700K	3000K
TEXTURED BLACK	473466	473476
TEXTURED GREY	473443	473453
SILVER ANTHRACITE	473463	473473
SILVER SAND	473469	473479

HEKOWA 50 BEACON

exterior



HEKOWA 50 BEACON WC

  LUXEON M 3,82W
350mA DC
Dimmable PWM or CCR
400 lumen

A++

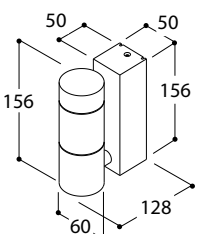
CE   IP 65    0,8

	2700K	3000K
TEXTURED BLACK	473726	473736
TEXTURED GREY	473703	473713
SILVER ANTHRACITE	473723	473733
SILVER SAND	473729	473739

CONVERTER p.554



HEKOWA 50 BEACON CI

  LUXEON M 3,82W
230V - AC
400 lumen

A++

CE   IP 65    0,9

	2700K	3000K
TEXTURED BLACK	473526	473536
TEXTURED GREY	473503	473513
SILVER ANTHRACITE	473523	473533
SILVER SAND	473529	473539



exterior



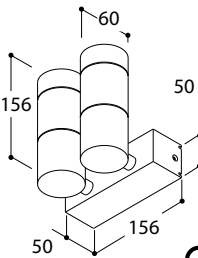
FORUM BEACON

exterior



FORUM BEACON WC

1

LUXEON M (x2) 3,82W
350mA DC
Dimmable PWM or CCR
2x 400 lumen
beam 2x 36°

A++

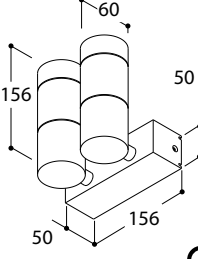
CE      

	2700K	3000K
TEXTURED BLACK	475726	475736
TEXTURED GREY	475703	475713
SILVER ANTHRACITE	475723	475733
SILVER SAND	475729	475739

CONVERTER p.554

FORUM BEACON CI

1

LUXEON M (x2) 3,82W
230V - AC
2x 400 lumen
beam 2x 36°

A++

CE      

	2700K	3000K
TEXTURED BLACK	475526	475536
TEXTURED GREY	475503	475513
SILVER ANTHRACITE	475523	475533
SILVER SAND	475529	475539

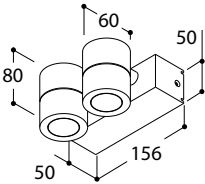


exterior



FORUM SPOT WC





LUXEON M (x2) 3,82W
350mA DC
Dimmable PWM or CCR
2x 400 lumen
beam 2x 36°

A++

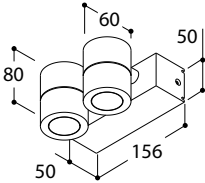
CE, RoHS, Energy Label, IP 65, F, Home, 1,3

	2700K	3000K
TEXTURED BLACK	475326	475336
TEXTURED GREY	475303	475313
SILVER ANTHRACITE	475323	475333
SILVER SAND	475329	475339

CONVERTER p.554

FORUM SPOT CI





LUXEON M (x2) 3,82W
230V - AC
2x 400 lumen
beam 2x 36°

A++

CE, RoHS, Energy Label, IP 65, F, Home, 1,4

	2700K	3000K
TEXTURED BLACK	475126	475136
TEXTURED GREY	475103	475113
SILVER ANTHRACITE	475123	475133
SILVER SAND	475129	475139





exterior

FORUM PUCK

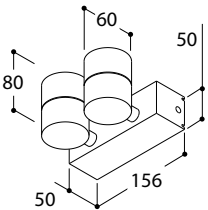


FORUM PUCK WC



FORUM PUCK CI



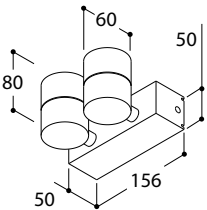


LUXEON M (x2) 3,82W
350mA DC
Dimmable PWM or CCR
2x 400 lumen

A++

CE, RoHS, ENEC, IP 65, F, I, 1,1

	2700K	3000K
TEXTURED BLACK	475626	475636
TEXTURED GREY	475603	475613
SILVER ANTHRACITE	475623	475633
SILVER SAND	475629	475639

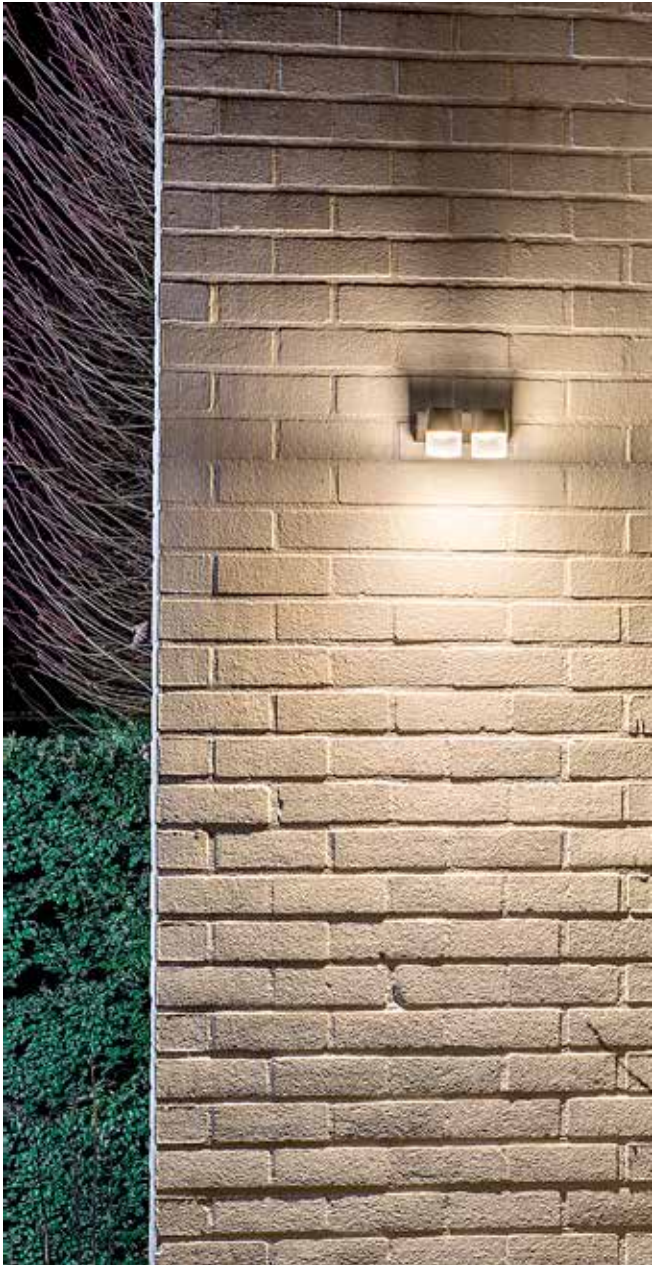


LUXEON M (x2) 3,82W
230V - AC
2x 400 lumen

A++

CE, RoHS, ENEC, IP 65, F, I, 1,2

	2700K	3000K
TEXTURED BLACK	475426	475436
TEXTURED GREY	475403	475413
SILVER ANTHRACITE	475423	475433
SILVER SAND	475429	475439



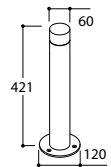
TOOTEM PUCK

exterior



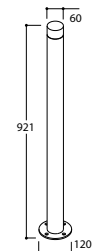
TOOTEM 500 PUCK



 LUXEON M 3,82W 230V - AC 400 lumen A++ CE, RoHS, IP 65, F, 1,5		
	2700K	3000K
TEXTURED BLACK	476426	476436
TEXTURED GREY	476403	476413
SILVER ANTHRACITE	476423	476433
SILVER SAND	476429	476439
GROUNDPIN 260990		

TOOTEM 1000 PUCK



 LUXEON M 3,82W 230V - AC 400 lumen A++ CE, RoHS, IP 65, F, 2		
	2700K	3000K
TEXTURED BLACK	477426	477436
TEXTURED GREY	477403	477413
SILVER ANTHRACITE	477423	477433
SILVER SAND	477429	477439
GROUNDPIN 260990		

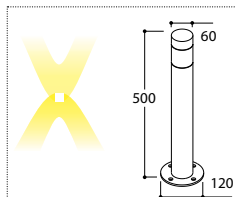


TOOTEM BEACON

exterior



TOOTEM 500 BEACON



LUXEON M 3,82W
230V - AC
400 lumen

A++

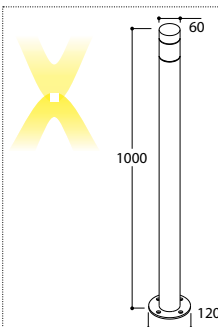


	2700K	3000K
TEXTURED BLACK	476526	476536
TEXTURED GREY	476503	476513
SILVER ANTHRACITE	476523	476533
SILVER SAND	476529	476539

GROUNDPIN

260990

TOOTEM 1000 BEACON



LUXEON M 3,82W
230V - AC
400 lumen

A++



	2700K	3000K
TEXTURED BLACK	477526	477536
TEXTURED GREY	477503	477513
SILVER ANTHRACITE	477523	477533
SILVER SAND	477529	477539

GROUNDPIN

260990

exterior

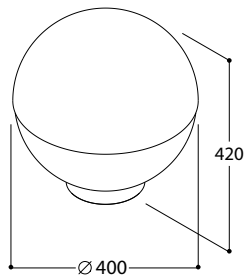


JOE DALTON

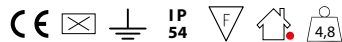
exterior



JOE DALTON



A60 MAX 40W
E27
230V - AC
dimnable: see bulb



TEXT. BLACK	455026
TEXT. GREY	455003
SILVER ANTRACITE	455023
SILVER SAND	455029

GROUNDPIN LARGE II 260993

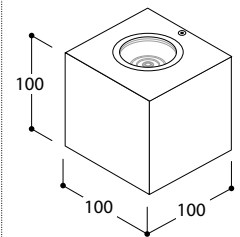




BRIX OUT

exterior





BRIX SINGLE BEAM IP65

LUXEON M 3,82W
230V - AC
dimmable L,C
400 lumen
UP $\square$ 70° or DOWN $\square$ 70°

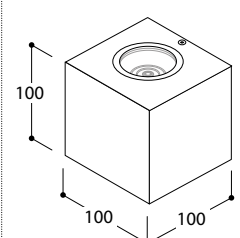
A++

CE   IP 65   1,4

	2700K	3000K
TEXTURED BLACK	260941	260931
TEXTURED GREY	260943	260933
SILVER ANTHRACITE	260947	260937
SILVER SAND	260948	260938

p. 396





BRIX UP/DOWN IP65

LUXEON M (x2) 3,82W
230V - AC
dimmable L,C
2x 400 lumen
UP/ DOWN $\square$ 70°

A++

CE   IP 65   1,5

	2700K	3000K
TEXTURED BLACK	260942	260932
TEXTURED GREY	260946	260936
SILVER ANTHRACITE	260944	260934
SILVER SAND	260945	260935

p. 396



BRIX LONG

exterior

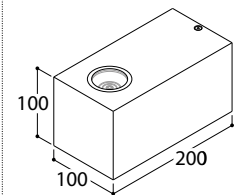


exterior

BRIX LONG



**BRIX LONG SINGLE BEAM IP65**



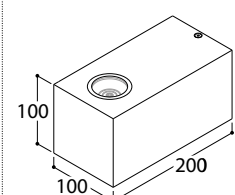
LUXEON M 3,82W
230V - AC
dimmable L,C
400 lumen
UP $\uparrow$ 70° or DOWN $\downarrow$ 70°

CE   IP 65   1,3

	2700K	3000K
TEXTURED BLACK	264941	264931
TEXTURED GREY	264943	264933
SILVER ANTHRACITE	264947	264937
SILVER SAND	264948	264938



**BRIX LONG UP/DOWN IP65**



LUXEON M [x2] 3,82W
230V - AC
dimmable L,C
2x 400 lumen
UP/ DOWN $\updownarrow$ 70°

CE   IP 65   1,5

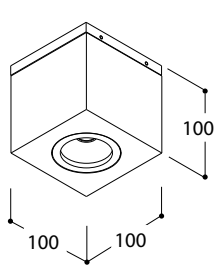
	2700K	3000K
TEXTURED BLACK	264942	264932
TEXTURED GREY	264946	264936
SILVER ANTHRACITE	264944	264934
SILVER SAND	264945	264935



BRIX CEILING



 **BRIX CEILING** 



LUXEON M 3,82W
230V - AC
dimmable L,C
400 Lumen
beam 36°

A++

CE   IP 64   

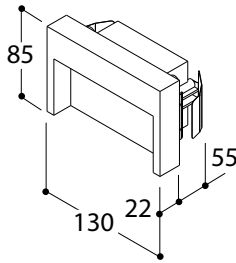
	2700K	3000K
TEXTURED BLACK	260972	260982
TEXTURED GREY	260976	260986
SILVER ANTHRACITE	260974	260984
SILVER SAND	260975	260985


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 GUIDO 



CREE XPE (3x) 1,2W
230V - AC
282 lumen

114 x 71
Installation depth 60 mm

	2700K	3000K
TEXTURED BLACK	449026	449036
TEXTURED GREY	449003	449013
SILVER ANTHRACITE	449023	449033
SILVER SAND	449029	449039

FRAME FOR PLASTER

BOX FOR PLASTERED CONCRETE

BOX FOR VISIBLE CONCRETE

499077

499097

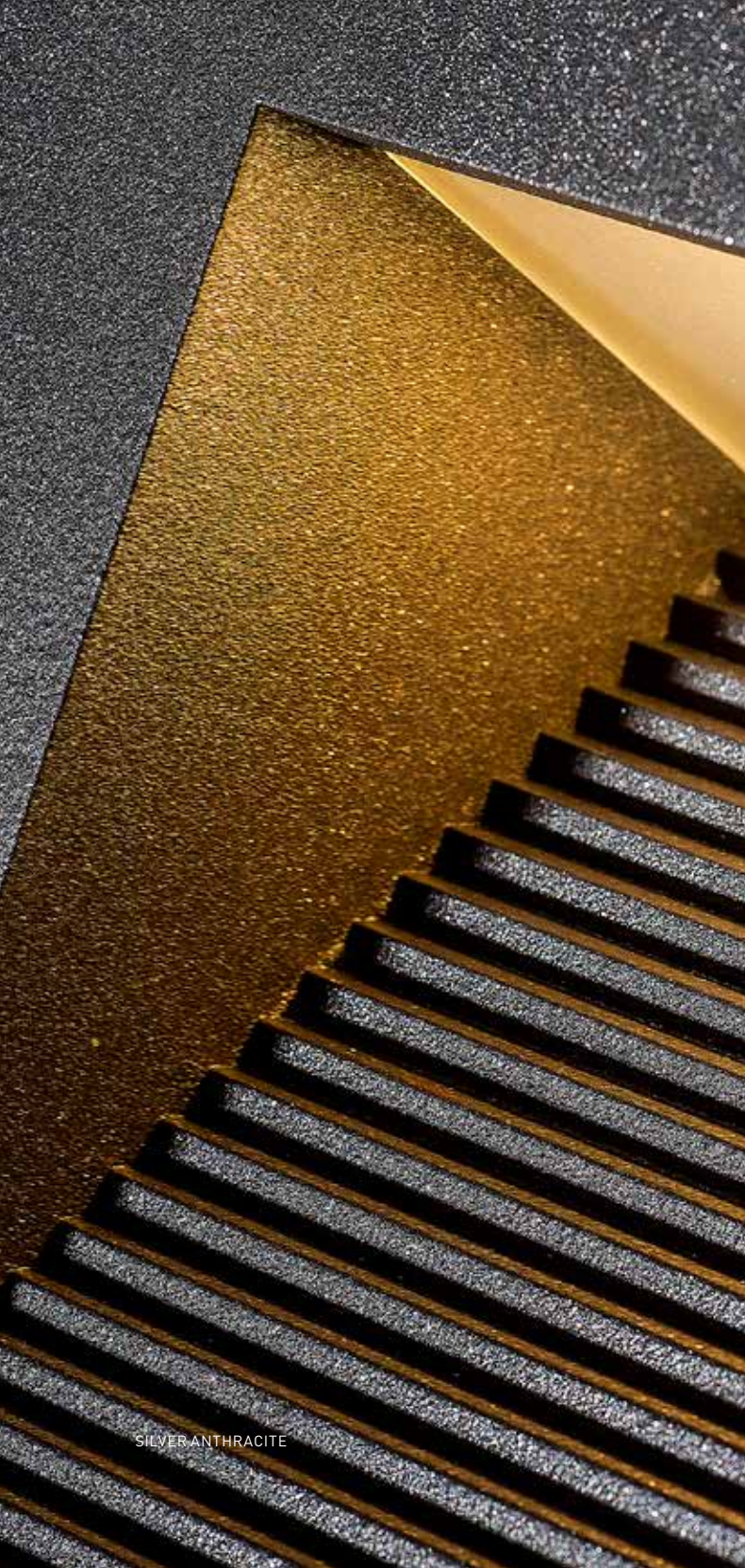
499099

116 x 72 x H 70 mm

128 x 78 x H 70 mm

123 x 78 x H 70 mm

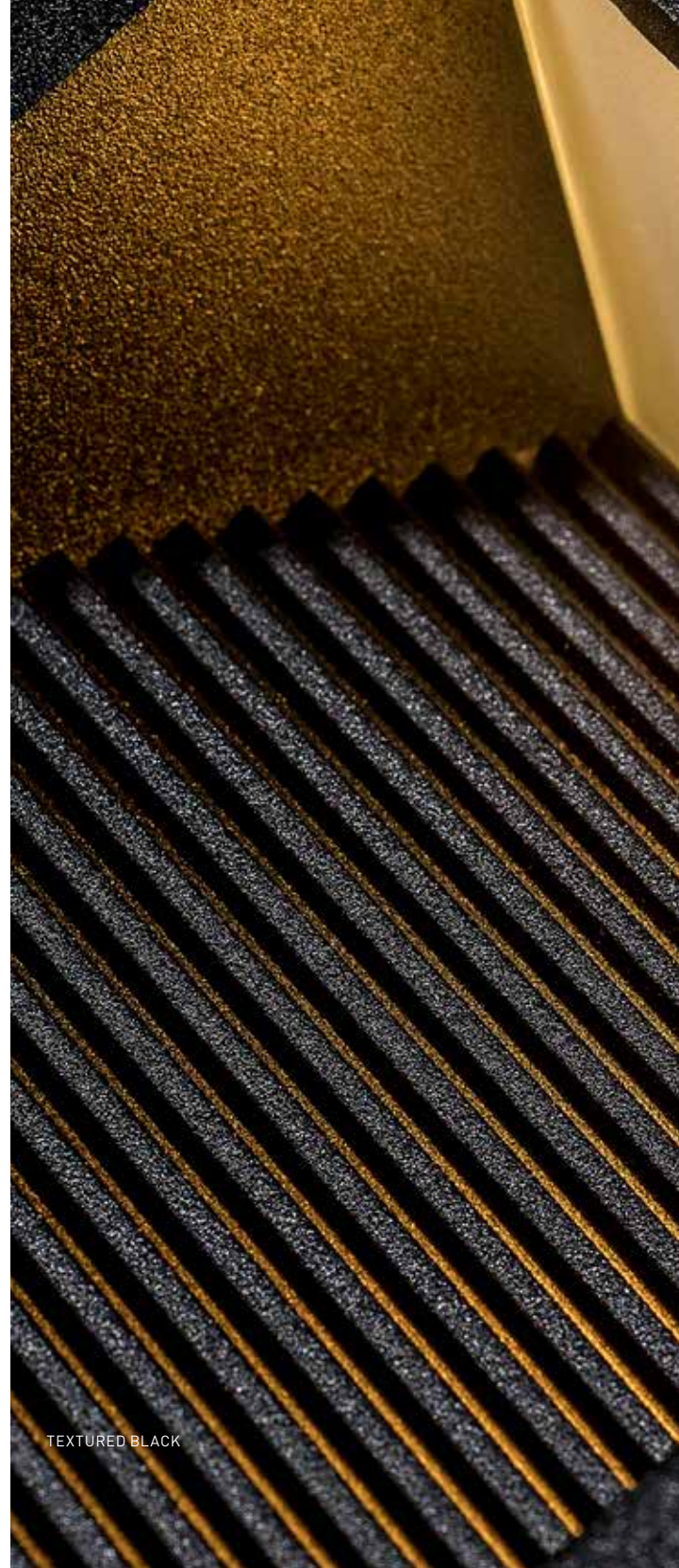




SILVER ANTHRACITE



SILVER SAND



TEXTURED BLACK

exterior

GREGORIUS



GREGORIUS

CITIZEN LED 6,6W
230V - AC
595 lumen

A⁺

CE, RoHS, Energy Star, IP 65, F, HomePlug, 0,8

	2700K	3000K
TEXT. GREY	432003	432013
TEXT. BLACK	432026	432036
SILVER SAND	432029	432039
SILVER ANTHRACITE	432023	432033

⦿ GREGORIUS INSTAL. BOX
⦿ INSTALLATION BOX
FOR VISIBLE CONCRETE

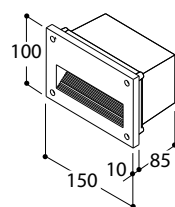
432097 153 x 153 x 120 mm
432099

GREGORY

exterior

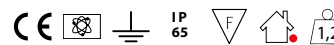


GREGORY HORIZONTAL



CREE XPE (x3) 1,2W
230V - AC
300 lumen

A+



	2700K	3000K
TEXT. BLACK	388936	388926
TEXT. GREY	388913	388903
SILVER ANTHR.	388933	388923
SILVER SAND	388939	388929

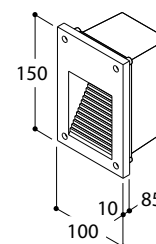


◉ GREGORY INSTALLATION BOX

388999

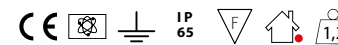
143 x 93 x 90 mm

GREGORY VERTICAL



triple LED 3W
230V - AC
300 lumen

A



	2700K	3000K
TEXT. BLACK	389936	389926
TEXT. GREY	389913	389903
SILVER ANTHR.	389933	389923
SILVER SAND	389939	389929



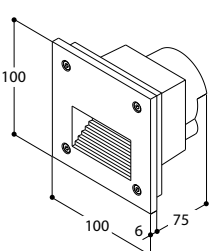
◉ GREGORY INSTALLATION BOX

388999

143 x 93 x 90 mm



 **GREG INDY**

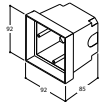


CREE XPE 1,2W
230V - AC
100 lumen

A+

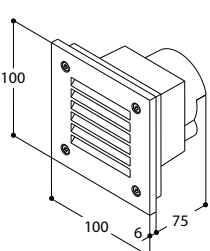


	2700K	3000K
TEXT. BLACK	186286	186296
TEXT. GREY	186224	186234
SILVER ANTHR.	186283	186293
SILVER SAND	186289	186299



 **GREG INSTALLATION BOX** **168999** 93 x 93 x 90 mm

 **GREG LOUVRE**

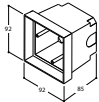


CREE XPE 1,2W
230V - AC
100 lumen

A+

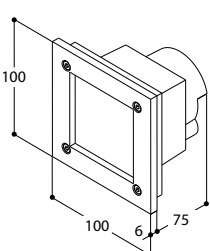


	2700K	3000K
TEXT. BLACK	186186	186196
TEXT. GREY	186124	186134
SILVER ANTHR.	186183	186193
SILVER SAND	186189	186199



 **GREG INSTALLATION BOX** **168999** 93 x 93 x 90 mm

 **GREG SQUARE**

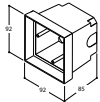


CREE XPE 1,2W
230V - AC
100 lumen

A+



	2700K	3000K
TEXT. BLACK	186086	186096
TEXT. GREY	186024	186034
SILVER ANTHR.	186083	186093
SILVER SAND	186089	186099



 **GREG INSTALLATION BOX** **168999** 93 x 93 x 90 mm

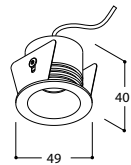
MINI HELAX OUT

40 mm

exterior



MINI HELAX OUT 400 LUMEN



LUX M 3,82W
350mA DC
dimnable PWM or CCR
beam 36°

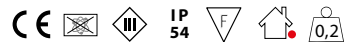
A++

40 mm

Installation height 60 mm

TEXT. BLACK

TEXT. WHITE



2700K

178946

178940

3000K

178947

178941



CONVERTER p.554

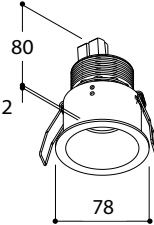


exterior  70 mm

HELAX 70 OUT



 **HELAX 70 OUT HALOLED TORSION** 



LUXEON M 7,84W
700mA DC
dimnable PWM or CCR
755 lumen
beam 36°

A+

 70 mm
Installation height 85 mm

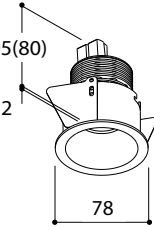
	2700K	3000K
TEXT. WHITE	249017	249027
TEXT. BLACK	249016	249026

CE    IP 54   

CONVERTER p.560



 **HELAX 70 OUT HALOLED LEAF** 



LUXEON M 7,84W
700mA DC
dimnable PWM or CCR
755 lumen
beam 36°

A+

 70 mm
Installation height 100 (85) mm

	2700K	3000K
TEXT. WHITE	249047	249057
TEXT. BLACK	249046	249056

CE    IP 54   

CONVERTER p.560

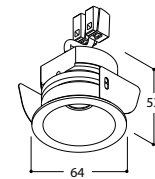
HELAX SML OUT

 56 mm

exterior



HELAX SML IP54 LEAF

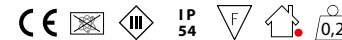


LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

A++

 56 mm

Installation height 70 (55) mm



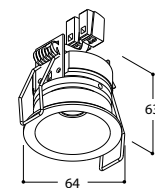
	2700K	3000K
TEXT. WHITE	178547	178557
TEXT. BLACK	178526	178536

 56 mm solid ceilings
55 mm hollow ceilings

CONVERTER p.554



HELAX SML IP54 TORSION

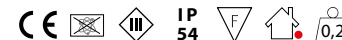


LUXEON M 3,82W
350mA DC
dimmable PWM or CCR
400 Lumen
beam 36°

A++

 55 mm

Installation height 65 mm



	2700K	3000K
TEXT. WHITE	178647	178657
TEXT. BLACK	178626	178636

CONVERTER p.554



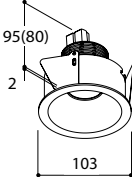
exterior  95 mm

HELAX SML OUT HALOLED



 **HELAX SML OUT HALOLED**





LUXEON M 7,84W
700mA DC
dimnable PWM or CCR
755 lumen
beam 36°

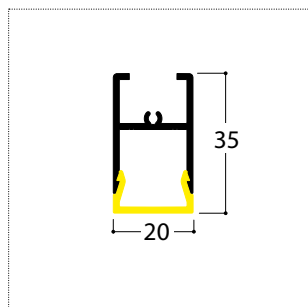
 95 mm

Installation height 100 [85] mm

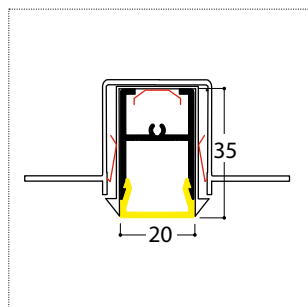
	2700K	3000K
TEXT. WHITE	249147	249157
TEXT. BLACK	249146	249156



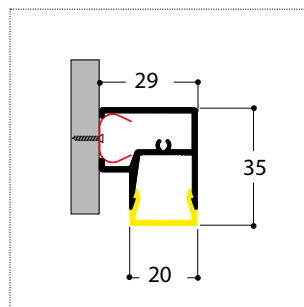
CONVERTER p.560



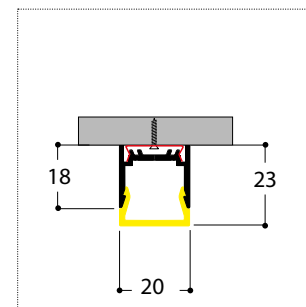
1U 424



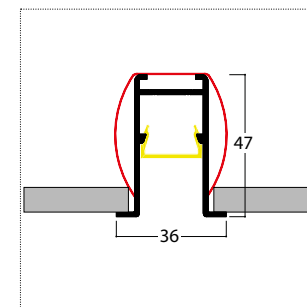
1U FLUSH 434



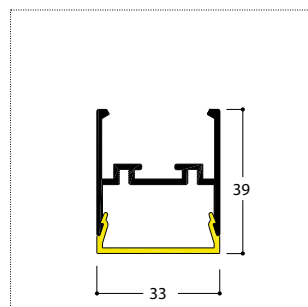
1U WALL 438



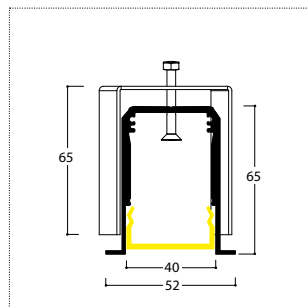
1U SLIM 442



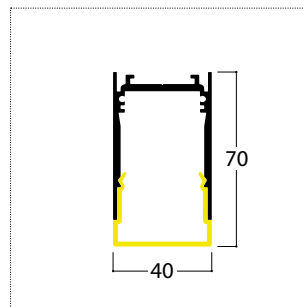
TAGLIO 418



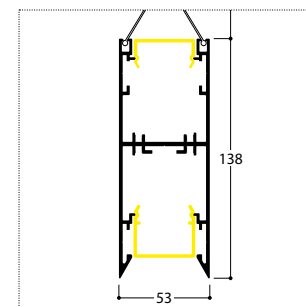
PROTUT 408



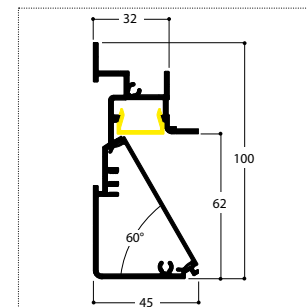
2U RECESSED 454



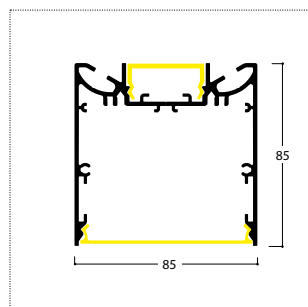
2U 464



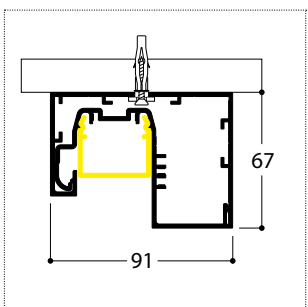
LUDO 476



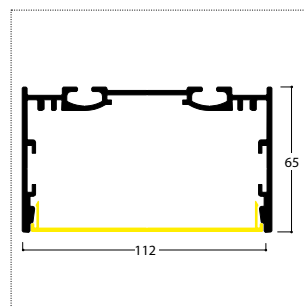
DUCTOR 448



DORMENT 504

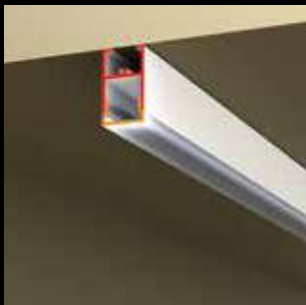


OSCAR 488

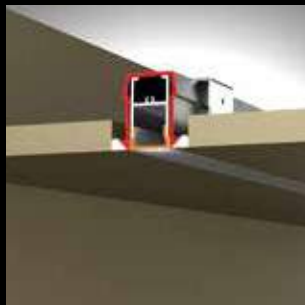


BORITI 510

profiles



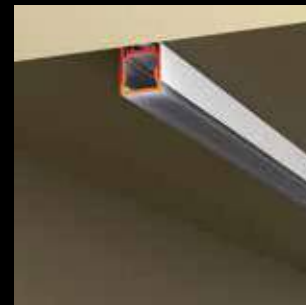
1U 424



1U FLUSH 434



1U WALL 438



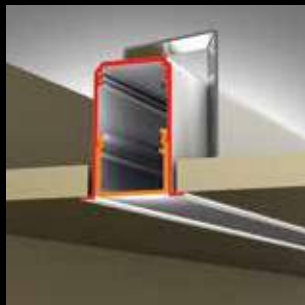
1U SLIM 442



TAGLIO 418



PROTUT 408



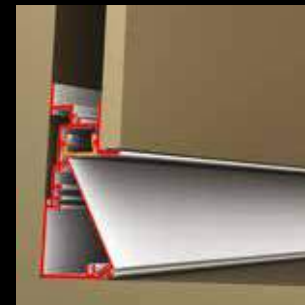
2U RECESSED 454



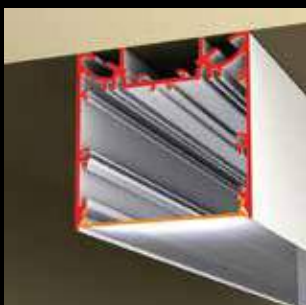
2U 464



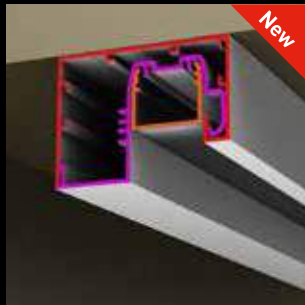
LUDO 476



DUCTOR 448



DORMENT 504



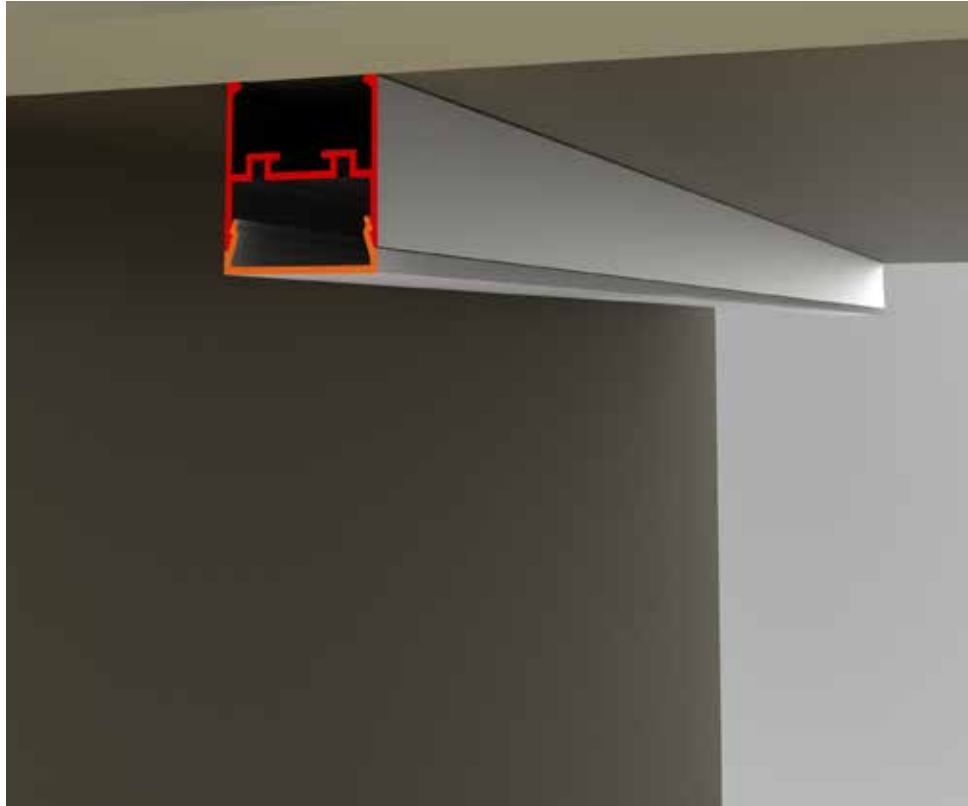
OSCAR 488



BORITI 510

PROTUT

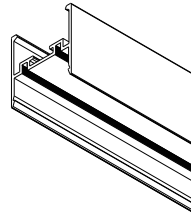
profiles

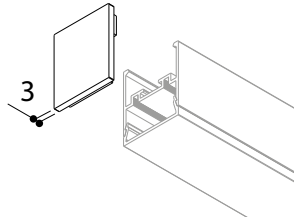


PROFILE/ m

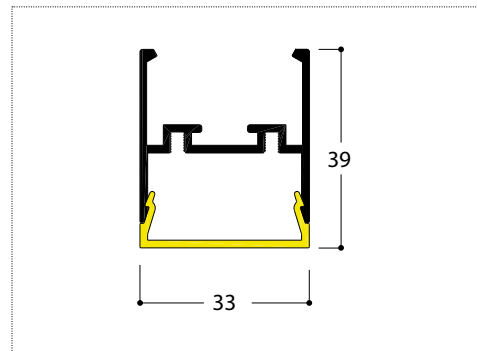


ENDCAP

	
TEXT. WHITE	960047
SILVER ANO	960012
TEXT. BLACK	960026

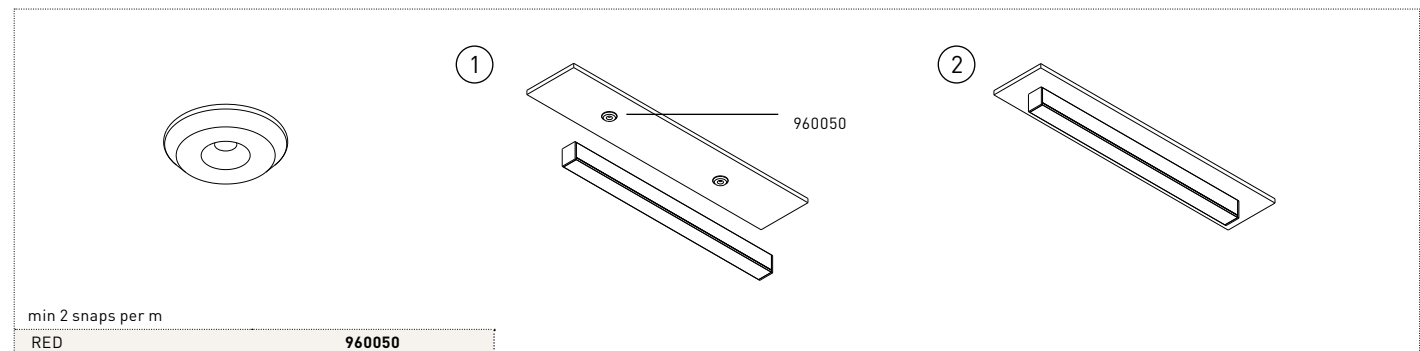
	
TEXT. WHITE	960147
SILVER ANO	960112
TEXT. BLACK	960126

SECTION VIEW



SNAP

FIXATION ON CEILING OR WALL



“Ten o'clock and still everything
under control”

-Lydia Protut

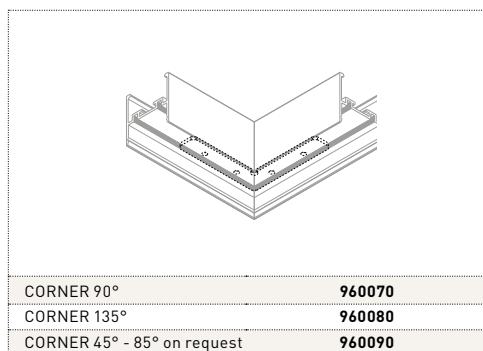




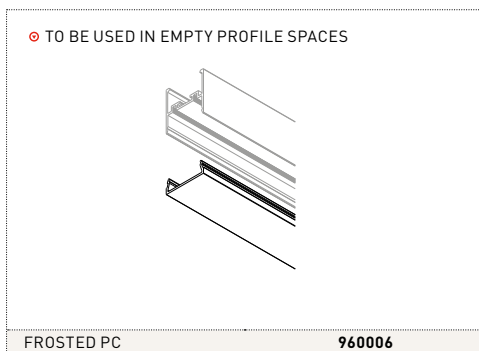
profiles

PROTUT

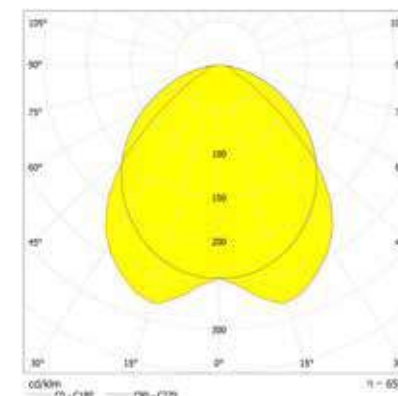
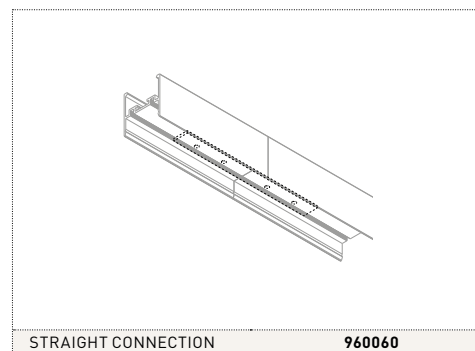
CORNER



DIFFUSER/ m



STRAIGHT CONNECTION



LEDSYSTEM HE - 2315 lm/meter



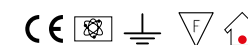
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
PROTUT LEDSYSTEM 2x650lm	FROSTED POLYCARBONATE	IP 40	960605	960600	960305	960300	960405	960400	7	560	2
PROTUT LEDSYSTEM 3x650lm	FROSTED POLYCARBONATE	IP 40	960615	960610	960315	960310	960415	960410	10,5	840	3
PROTUT LEDSYSTEM 4x650lm	FROSTED POLYCARBONATE	IP 40	960625	960620	960325	960320	960425	960420	14	1120	4
PROTUT LEDSYSTEM 5x650lm	FROSTED POLYCARBONATE	IP 40	960635	960630	960335	960330	960435	960430	17,5	1400	5
PROTUT LEDSYSTEM 6x650lm	FROSTED POLYCARBONATE	IP 40	960645	960640	960345	960340	960445	960440	21	1680	6

LEDSYSTEM H0 - 3925 lm/meter



			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
PROTUT LEDSYSTEM 2x1100lm	FROSTED POLYCARBONATE	IP 40	960505	960500	960105	960100	960205	960200	11,6	560	2
PROTUT LEDSYSTEM 3x1100lm	FROSTED POLYCARBONATE	IP 40	960515	960510	960115	960110	960215	960210	17,4	840	3
PROTUT LEDSYSTEM 4x1100lm	FROSTED POLYCARBONATE	IP 40	960525	960520	960125	960120	960225	960220	23,2	1120	4
PROTUT LEDSYSTEM 5x1100lm	FROSTED POLYCARBONATE	IP 40	960535	960530	960135	960130	960235	960230	29	1400	5
PROTUT LEDSYSTEM 6x1100lm	FROSTED POLYCARBONATE	IP 40	960545	960540	960145	960140	960245	960240	34,8	1680	6

INPUT VOLTAGE 230V AC

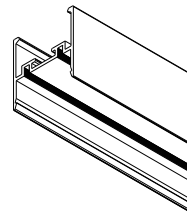


PROTUT for **SAPP**[®] CEILING

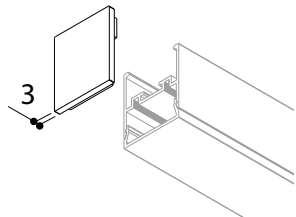
profiles



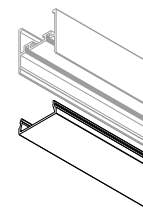
PROFILE/ m

	0,5
TEXT. WHITE	960047
SILVER ANO	960012
TEXT. BLACK	960026

ENDCAP

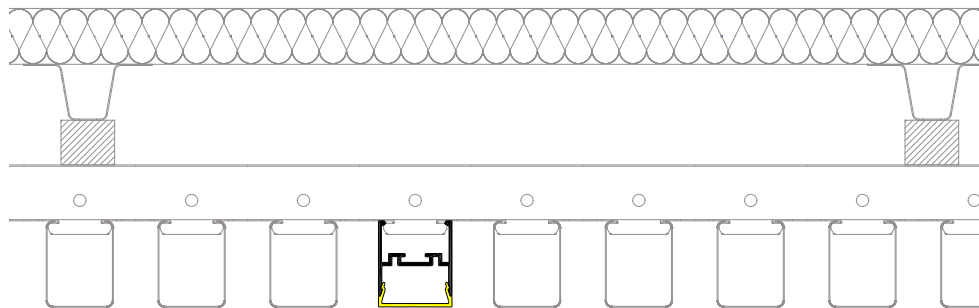
	3
TEXT. WHITE	960147
SILVER ANO	960112
TEXT. BLACK	960126

DIFFUSER/ m

TO BE USED IN EMPTY PROFILE SPACES	
	
FROSTED PC	960006

interalu
SMART CEILINGS
SAPP[®] CEILING

FITS ON **SAPP**[®] CEILING



Protut profile by TAL is 100% compatible with the **SAPP**[®] CEILING system by **interalu**.
The profile snaps on the ceiling frame without any use of screws.





profiles

PROTUT for SAPP[®] CEILING

LEDSYSTEM HE - 2315 lm/meter



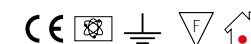
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
PROTUT LEDSYSTEM 3x650lm	FROSTED POLYCARBONATE	IP 40	960615	960610	960315	960310	960415	960410	10,5	840	3
PROTUT LEDSYSTEM 4x650lm	FROSTED POLYCARBONATE	IP 40	960625	960620	960325	960320	960425	960420	14	1120	4
PROTUT LEDSYSTEM 5x650lm	FROSTED POLYCARBONATE	IP 40	960635	960630	960335	960330	960435	960430	17,5	1400	5
PROTUT LEDSYSTEM 6x650lm	FROSTED POLYCARBONATE	IP 40	960645	960640	960345	960340	960445	960440	21	1680	6

LEDSYSTEM HO - 3925 lm/meter

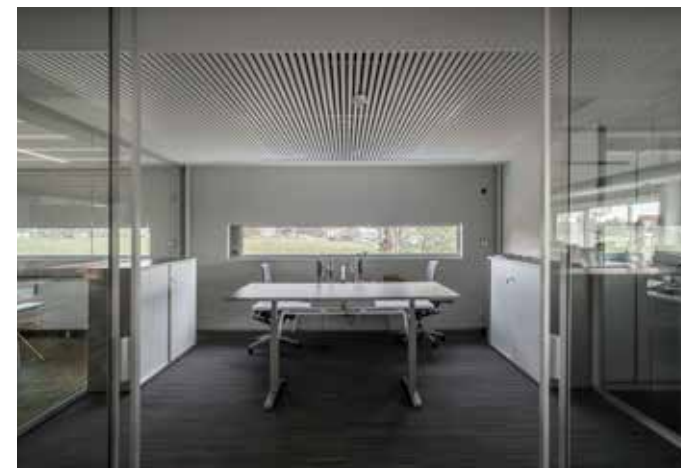
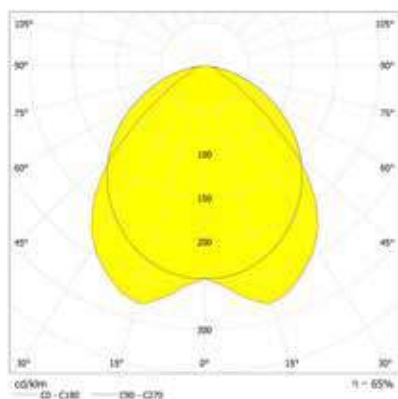


			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
PROTUT LEDSYSTEM 3x1100lm	FROSTED POLYCARBONATE	IP 40	960515	960510	960115	960110	960215	960210	17,4	840	3
PROTUT LEDSYSTEM 4x1100lm	FROSTED POLYCARBONATE	IP 40	960525	960520	960125	960120	960225	960220	23,2	1120	4
PROTUT LEDSYSTEM 5x1100lm	FROSTED POLYCARBONATE	IP 40	960535	960530	960135	960130	960235	960230	29	1400	5
PROTUT LEDSYSTEM 6x1100lm	FROSTED POLYCARBONATE	IP 40	960545	960540	960145	960140	960245	960240	34,8	1680	6

INPUT VOLTAGE 230V AC



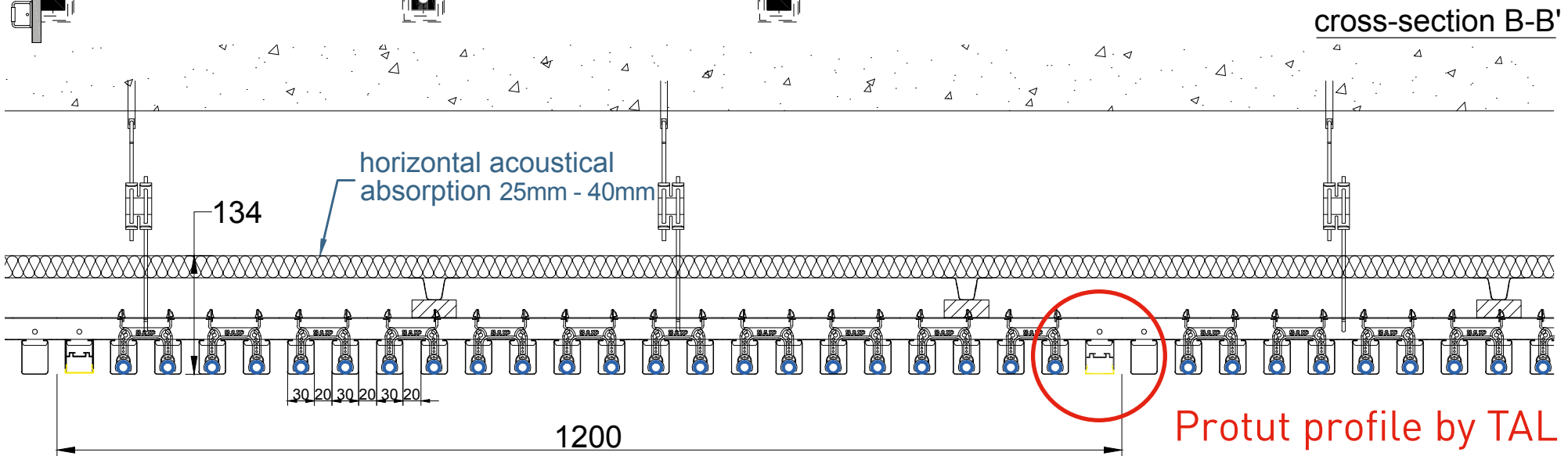
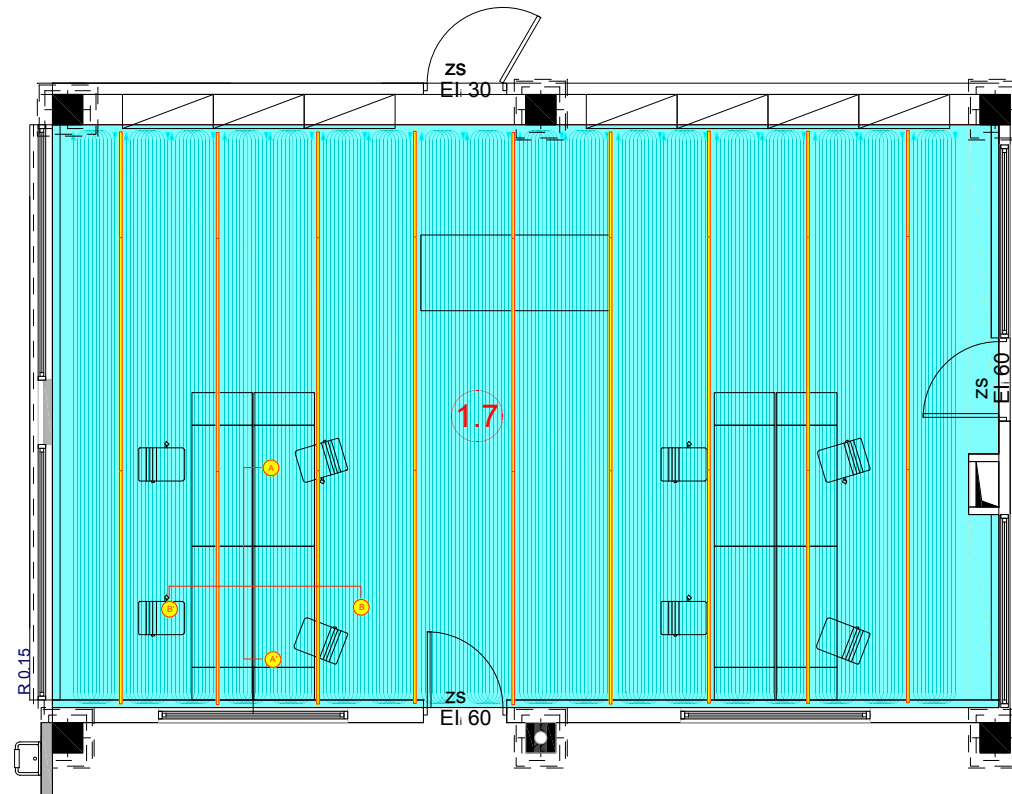
Zhaga



Greater flexibility combined with the PROTUT.

A SAPP® ceiling is an integral system that's tailored to your space and incorporates all the required technology, such as latest LED lighting (conform ZHAGA) .

This makes it flexible, eco-friendly and suitable for a wide range of architectural applications: from island ceilings to continuous ceilings, in offices, public buildings, shopping centres, transport infrastructure, and many other contexts.



profiles

PROTUT for **SAPP**[®] CEILING



SMART

Intelligent simplicity

ACOUSTIC

Excellent sound absorbency

PASSIVE

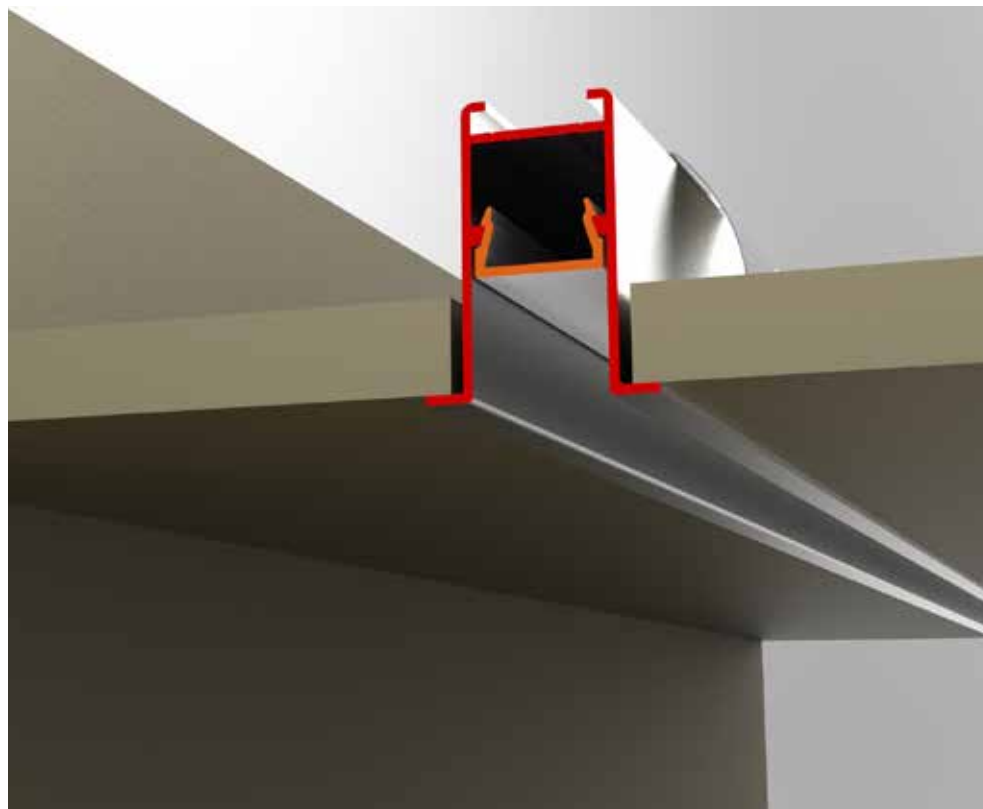
Storage of thermal energy in the concrete structure of the building through the use of night-time cooling (free chilling)

POWER

Powerful and highly efficient in lighting, cooling and heating.

TAGLIO

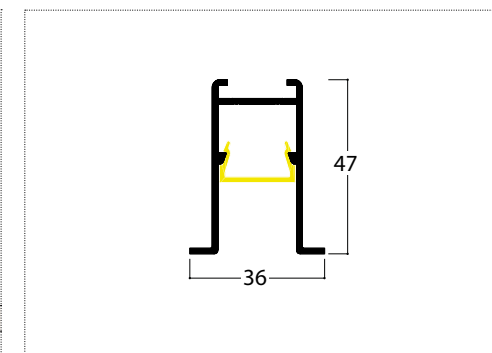
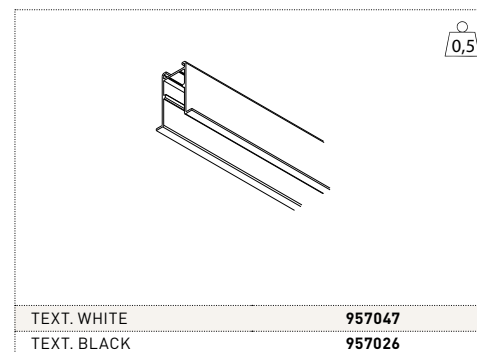
profiles



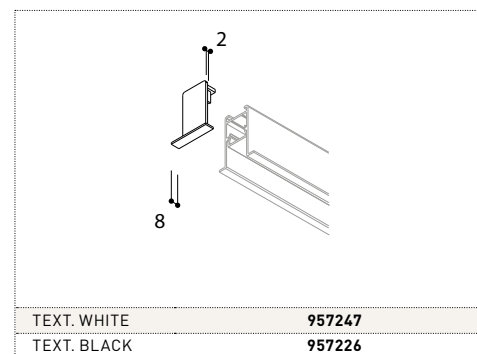
PROFILE/ m



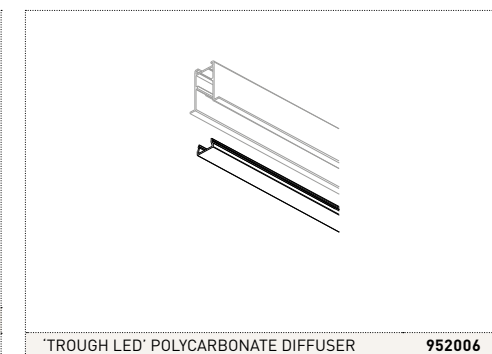
SECTION VIEW



ENDCAP

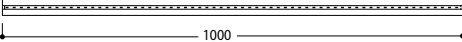


DIFFUSER



MODULE LEDLINE/M



		24V DC		     							
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference	952211	952251	952221	952261	952231	952271	952410	952510	952610	952710	952800
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14.4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

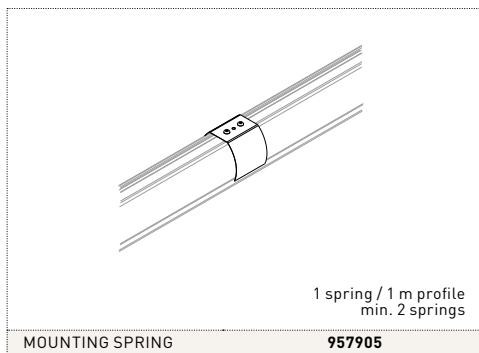
CONVERTER p.550

"TROUGH LED" POLYCARBONATE DIFFUSER INCLUDED

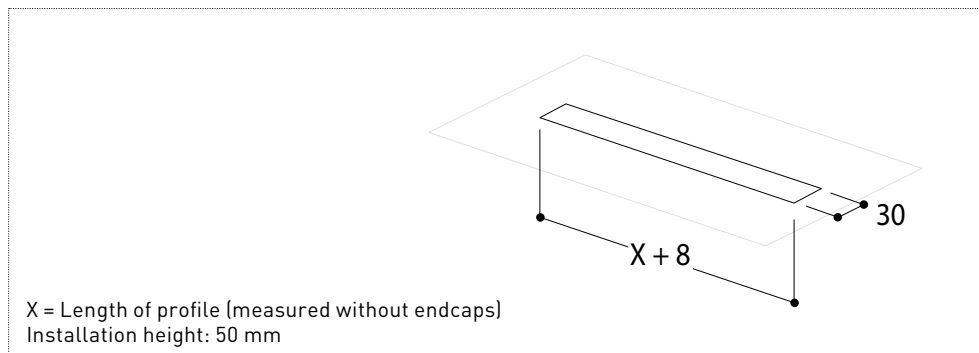
profiles

TAGLIO

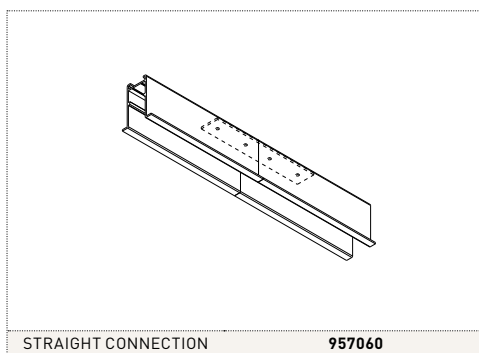
MOUNTING SPRING



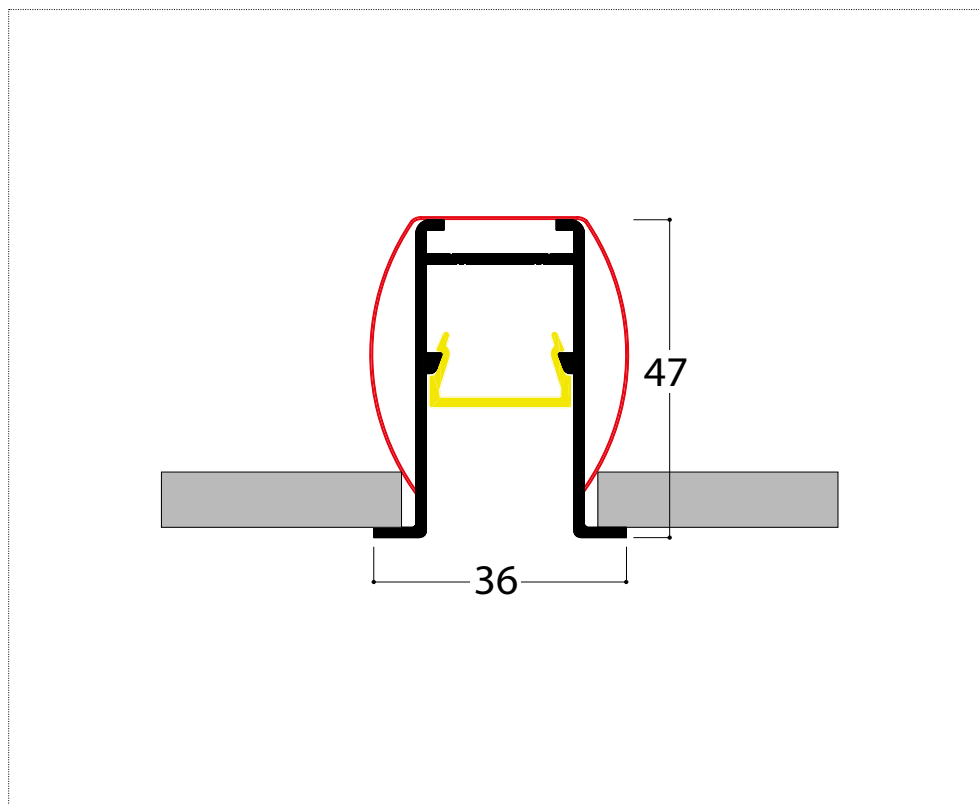
CUT OUT DIMENSIONS



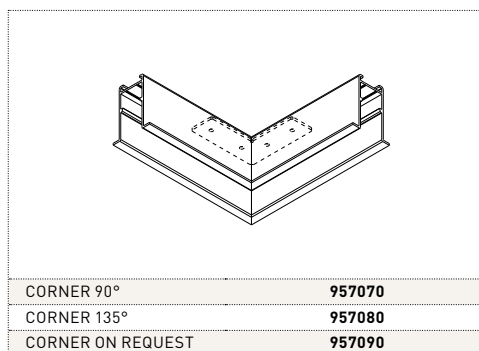
STRAIGHT CONNECTION



INSTALLATION DETAIL



CORNER









HOW TO COMPOSE TAGLIO

REQUEST CUSTOMER

SMALL RECESSED PROFILE 2 M
FALSE CEILING
WHITE COLOR
LED 4000K HP 24V
CRI >90

+ CONVERTOR

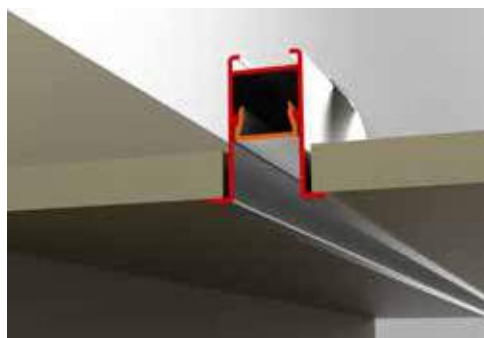
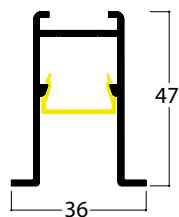


ORDERFORM

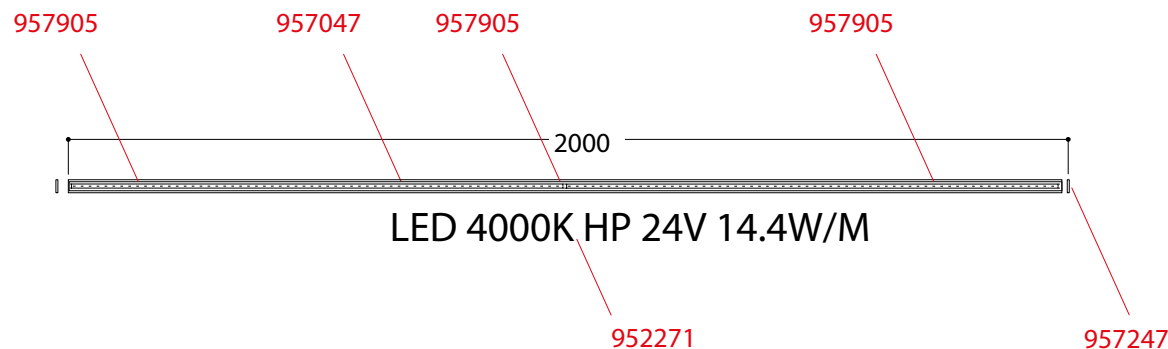
REFERENCE	DESCRIPTION	PCS / M
957047	PROFILE TEXT WHITE	2
957247	ENDCAP TEXT WHITE	2
952271	MODULE LEDLINE 4000K HP CRI 92	2
957905	MOUNTING SPRING	3
40070	CONVERTER 35W 24V	1

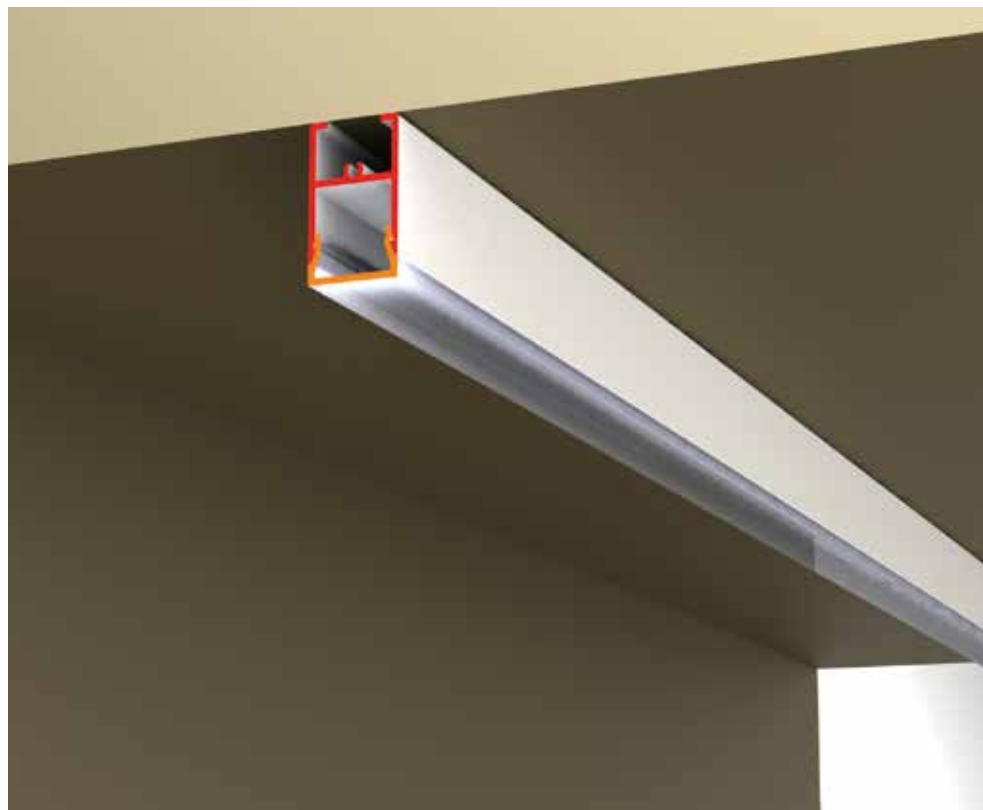
DRAWING

SECTION VIEW



TOP VIEW

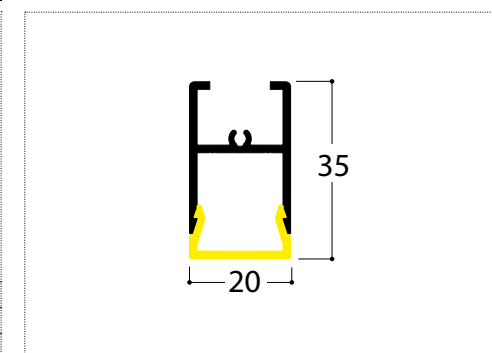
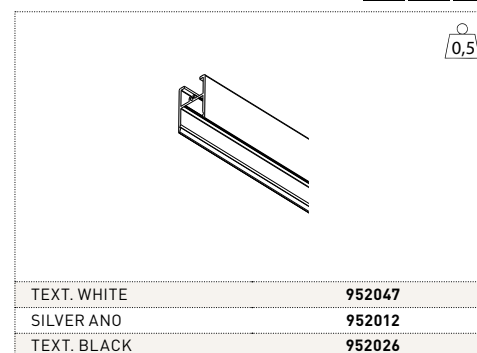




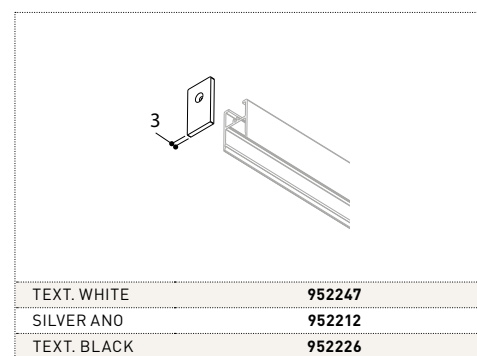
PROFILE/ m



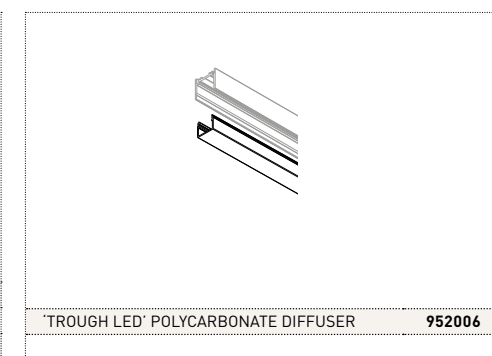
SECTION VIEW



ENDCAP



DIFFUSER



MODULE LEDLINE/M



		24V DC									
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference	952211	952251	952221	952261	952231	952271	952410	952510	952610	952710	952800
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14.4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

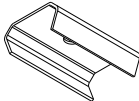
CONVERTER p.550

"TROUGH LED" POLYCARBONATE DIFFUSER INCLUDED

profiles

1U

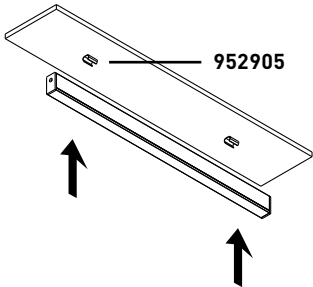
MOUNTING SPRINGS FOR SURFACE INSTALLATION



2 mounting springs per m

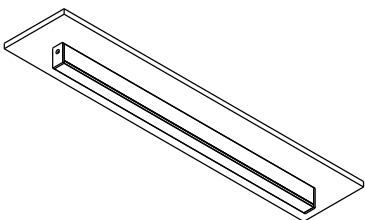
SPRING	952905
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1



952905

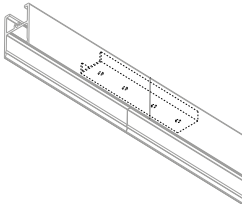
2



1U ANO 3000K HO

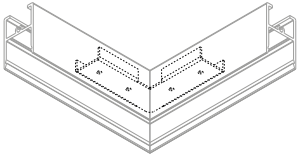


STRAIGHT CONNECTION



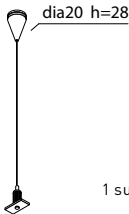
STRAIGHT CONNECTION	952060
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CORNER



CORNER 90°	952070
CORNER 135°	952080
CORNER ON REQUEST	952090

SUSPENSION SINGLE



dia20 h=28

1 suspension/ 1,5 m profile
min. 2 suspensions

	2,25 m
TEXT. WHITE	952041
SILVER ANO	952040
TEXT. BLACK	952042

CONNECTION SET ROUND (recessed)

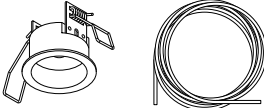


68 mm
Installation height 35 mm

Can be used as access point for converter

	2p MONOCOLOR	4p RGB
	2,45 m	
TEXT. WHITE	944009	944011
TEXT. BLACK	944007	944012

CONNECTION SET KOSMOS (recessed)



56 mm
Installation height 60 mm

Can be used as access point for converter

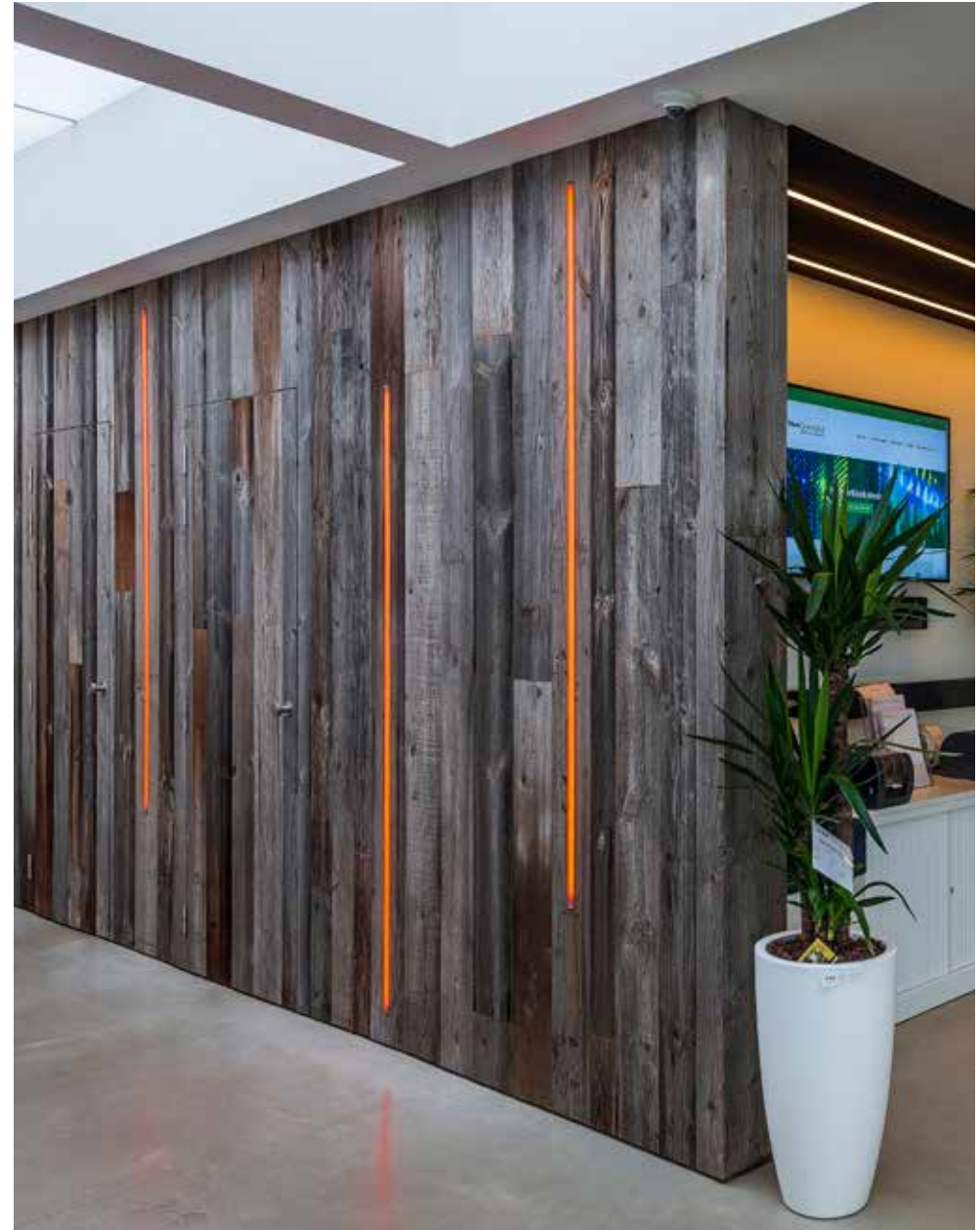
	2p (MONOCOLOUR)			4p (RGB)		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691056	691156	691256	691356	691456	691556
TEXT. BLACK	691035	691135	691235	691335	691435	691535





1U

profiles



REQUEST CUSTOMER

SLIM PROFILE 2 M
WHITE COLOR
LED 2700K HP 24V
INSTALLED ON CEILING

+ CONVERTER

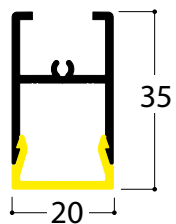


ORDERFORM

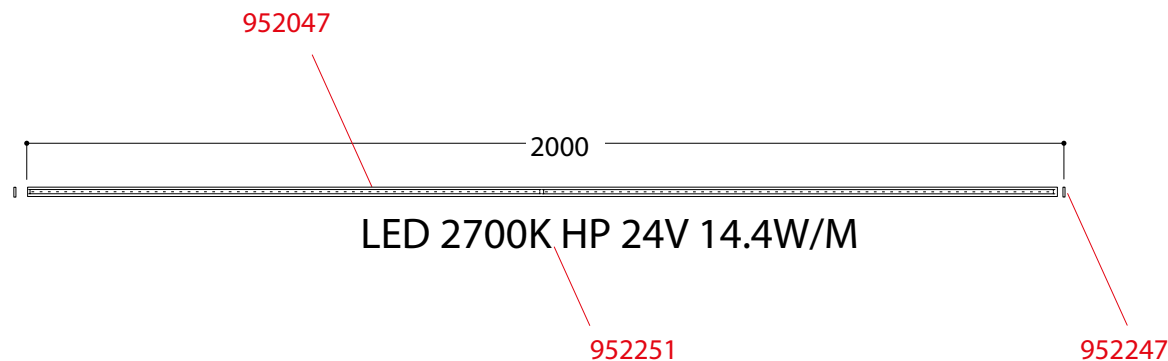
REFERENCE	DESCRIPTION	PCS / M
952047	PROFILE TEXT WHITE	2
952247	ENDCAP TEXT WHITE	2
952251	MODULE LEDLINE 2700 HP	2
952905	MOUNTING SPRING	3
40070	CONVERTER 35W 24V	1

DRAWING

SECTION VIEW

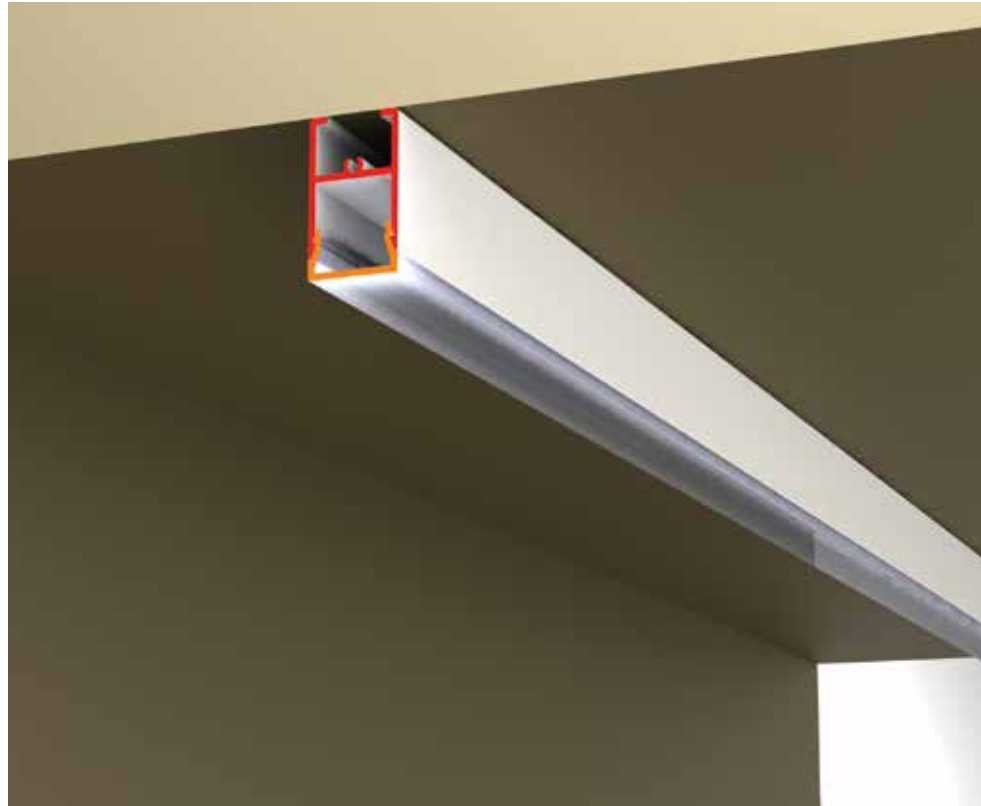


TOP VIEW



1U IP65

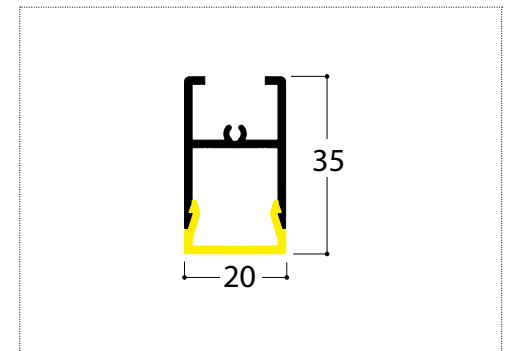
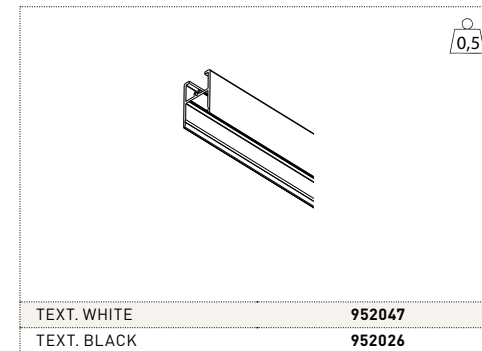
profiles



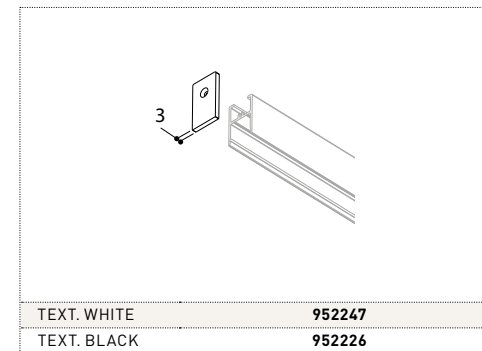
PROFILE/ m



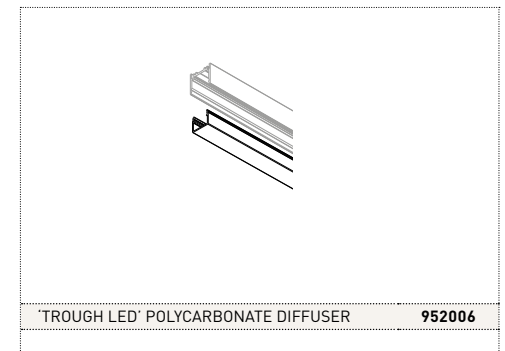
SECTION VIEW



ENDCAP



DIFFUSER



MODULE LEDLINE/M



		24V DC					
Color Temperature	3400K*		4000K*		RGB*		
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER		
Reference	952213	952253	952223	952263	952813		
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	14,4W/ m		
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	480lm/ m		
CRI	92	92	92	92	n/a		
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres		
Min. cutting length	50 mm	33 mm	50 mm	33 mm	100 mm		

CONVERTER p.550

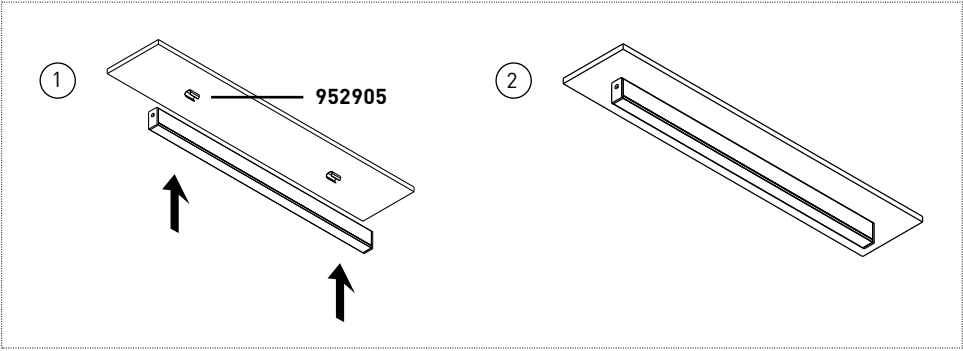
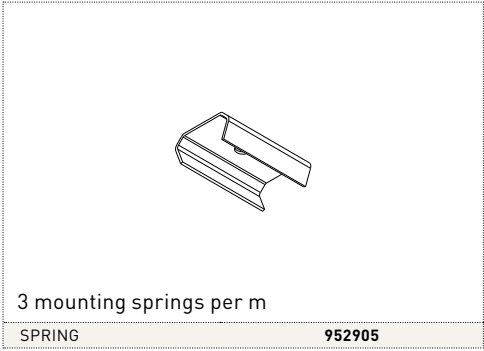
*slightly differences in colour temperature can occure due to resin

'TROUGH LED' POLYCARBONATE DIFFUSER INCLUDED

profiles

1U IP65

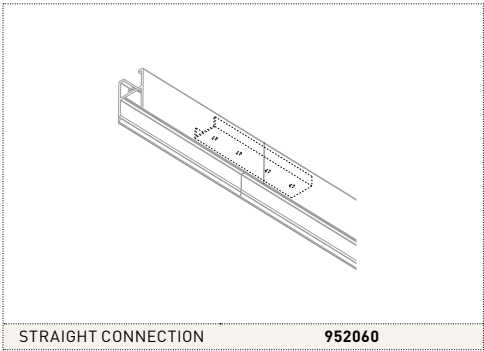
MOUNTING SPRINGS FOR SURFACE INSTALLATION



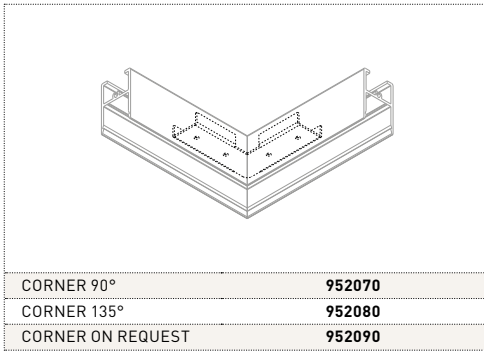
1U ANO 3000K H0



STRAIGHT CONNECTION



CORNER



1U IP65

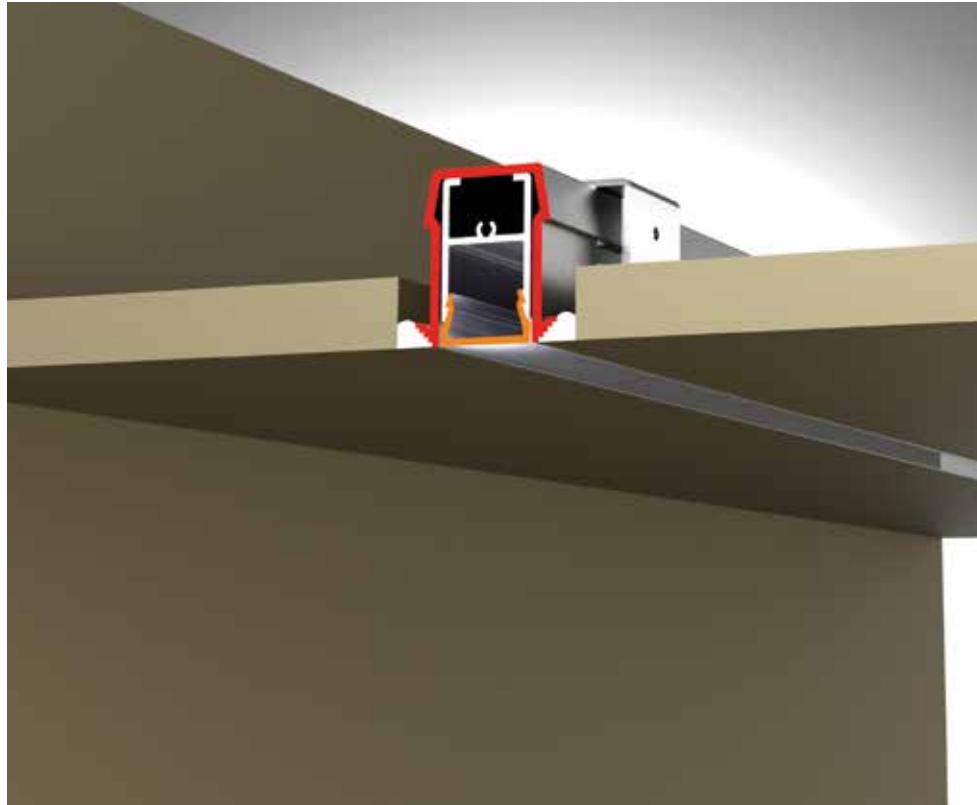
profiles





1U FLUSH

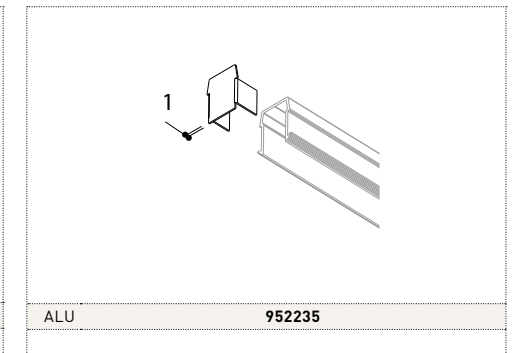
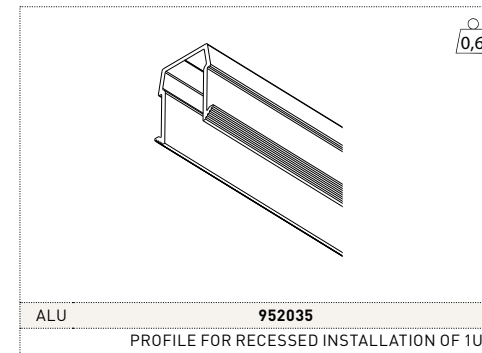
profiles



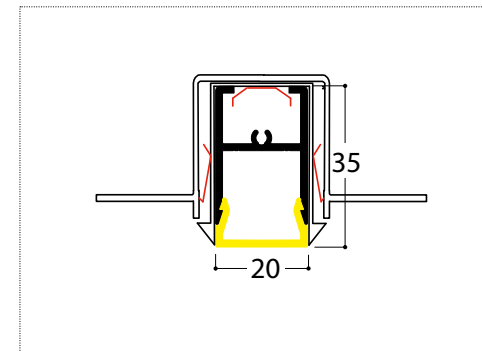
PLASTER PROFILE/ m



ENDCAP FOR PLASTER PROFILE



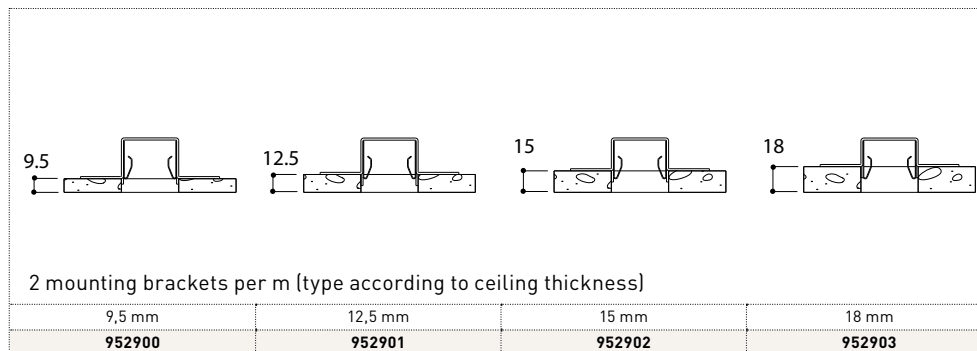
SECTION VIEW



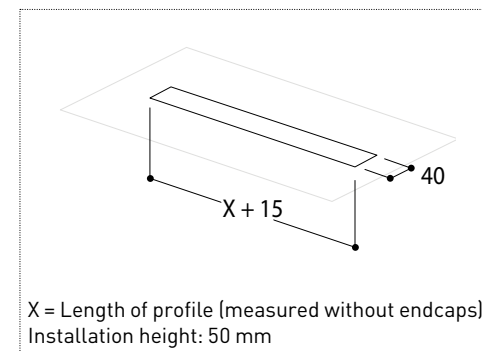
1U RECESSED 3000K H0



MOUNTING BRACKETS FOR RECESSED INSTALLATION



CUT OUT DIMENSIONS

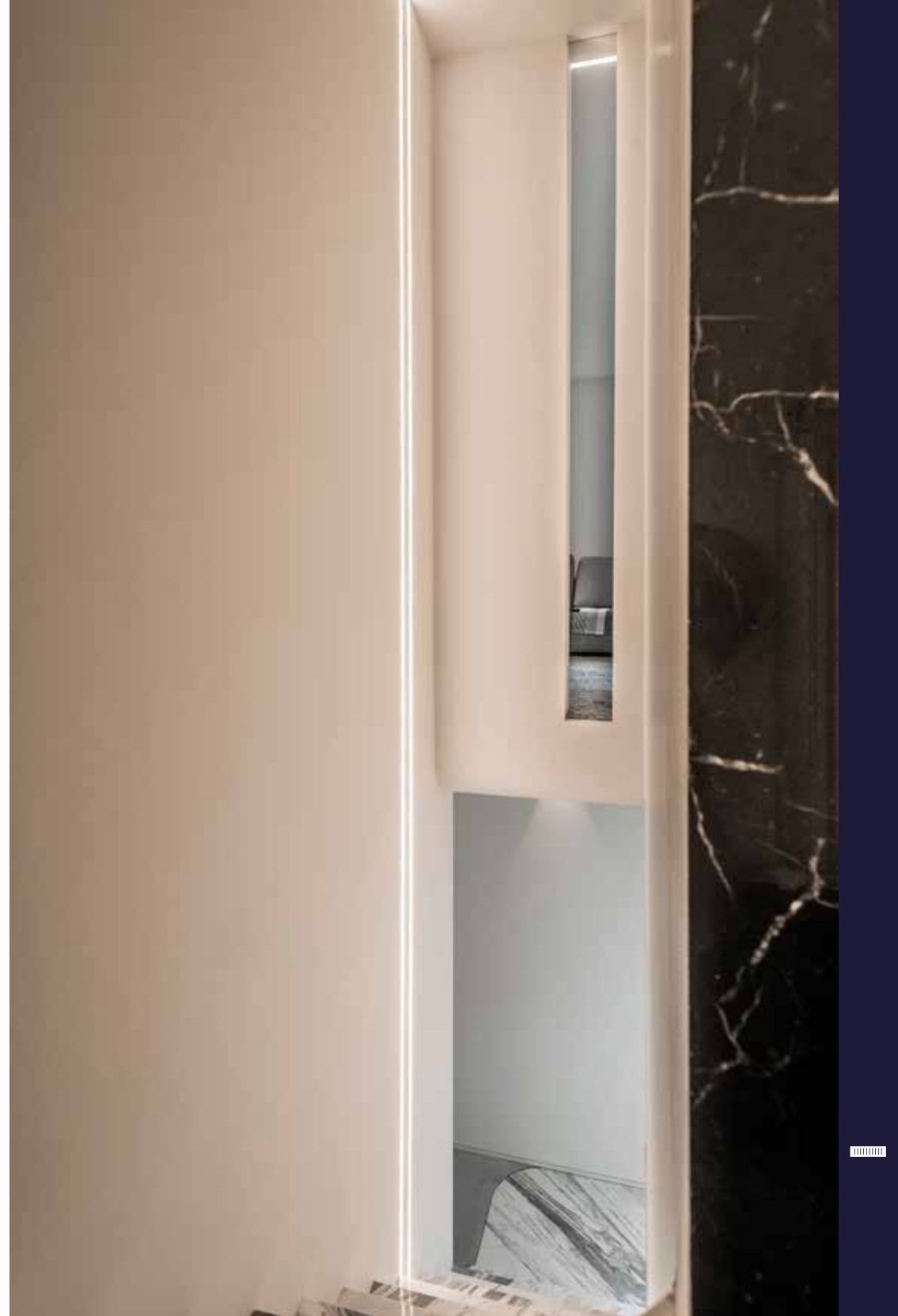


PLASTERPROFILE

- 1U profile to be added
- see installation manual for installation tolerances







1U WALL

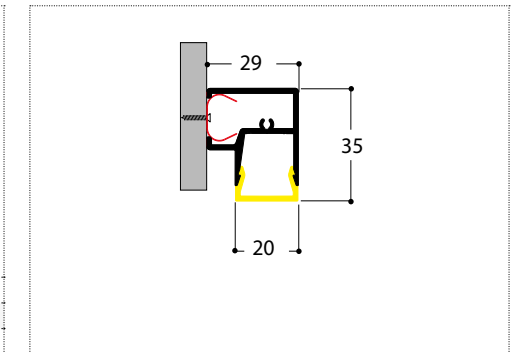
profiles



PROFILE/ m

TEXTURED WHITE	955047
TEXTURED BACK	955026
SILVER ANO	955012

SECTION VIEW



ENDCAP LEFT

TEXTURED WHITE	955248
TEXTURED BACK	955227
SILVER ANO	955213

ENDCAP RIGHT

TEXTURED WHITE	955247
TEXTURED BACK	955226
SILVER ANO	955212

MODULE LEDLINE/M



		24V DC									
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference	952211	952251	952221	952261	952231	952271	952410	952510	952610	952710	952800
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14.4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

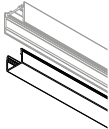
CONVERTER p.550

TROUGH LED POLYCARBONATE DIFFUSER INCLUDED

profiles

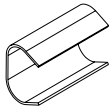
1U WALL

DIFFUSER



'TROUGH LED' POLYCARBONATE DIFFUSER	952006
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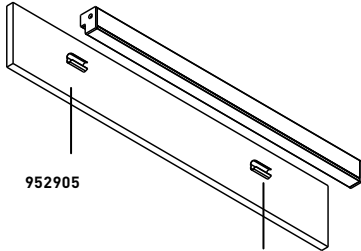
MOUNTING SPRINGS FOR SURFACE INSTALLATION



minimum 2 mounting springs per 0,6 meter

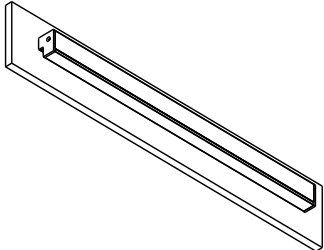
SPRING	952905
--------	--------

①



952905

②



952905

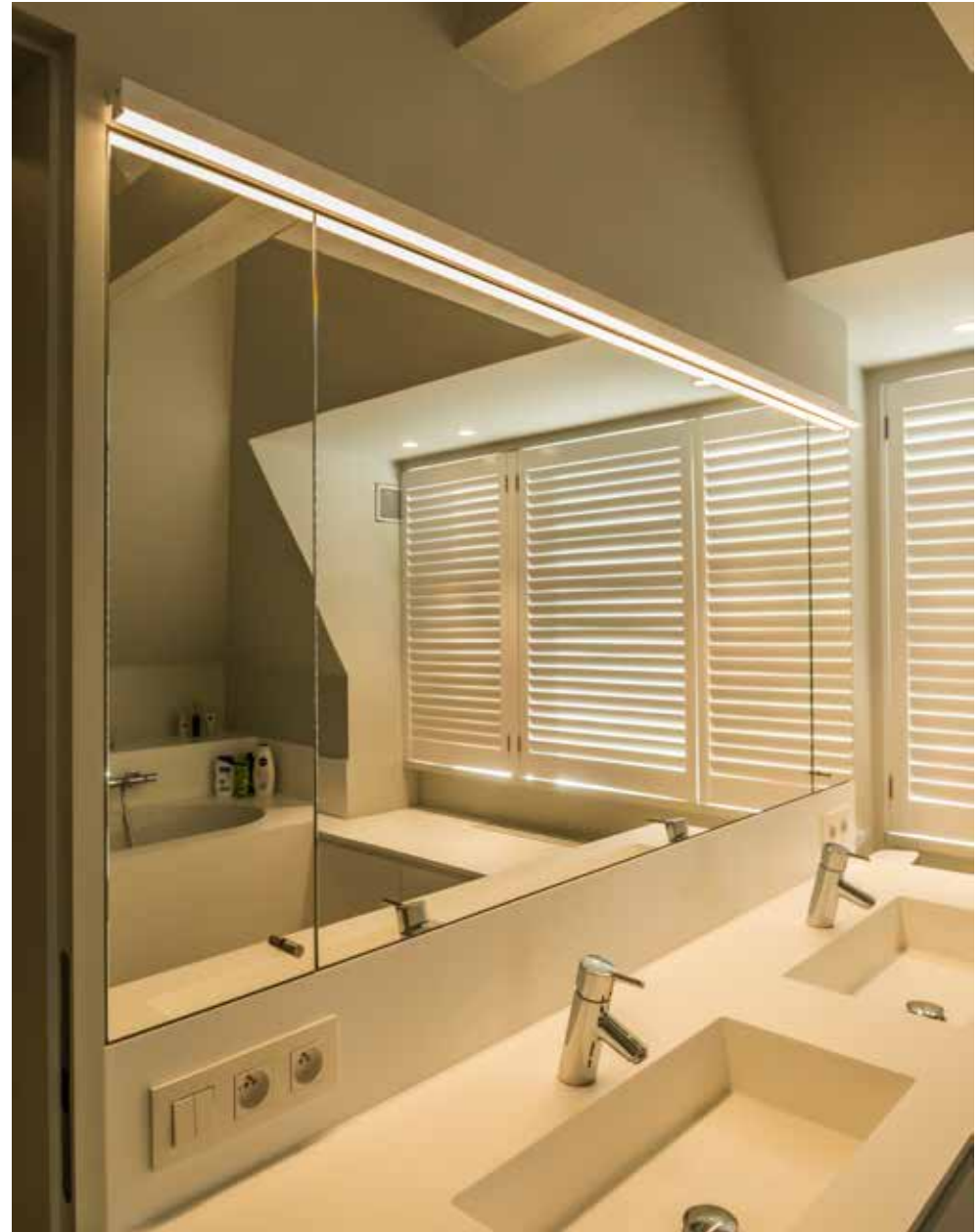
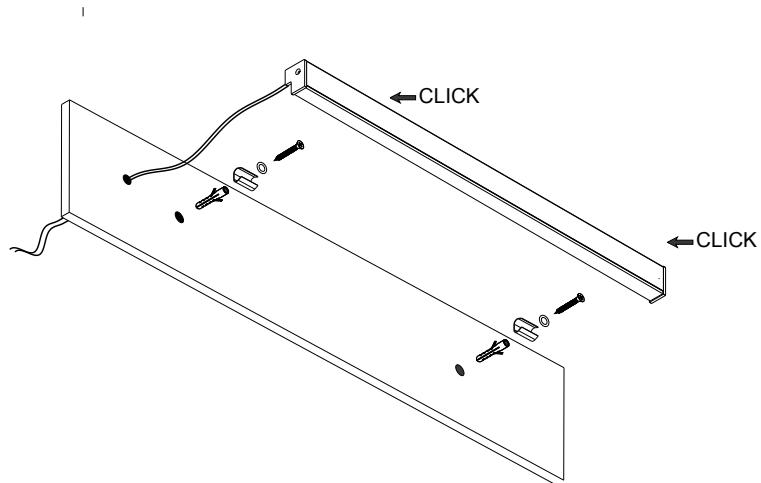


1U WALL

profiles

INSTALLATION

- ① Fix the mounting springs with the correct plugs and washer on the wall. Make sure they are carefully lined up. 2 mounting springs per 0.6 meter.



HOW TO COMPOSE 1U WALL

REQUEST CUSTOMER

SLIM PROFILE FOR WALL MOUNTING APPROX. 7M
WHITE COLOR
WARM WHITE HIGH OUTPUT
HIGH COLOR RENDERING

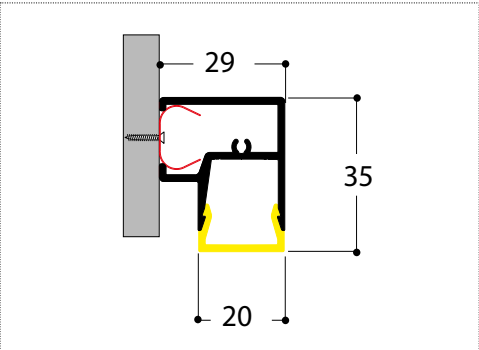
+ CONVERTER DIMMABLE 1/10V



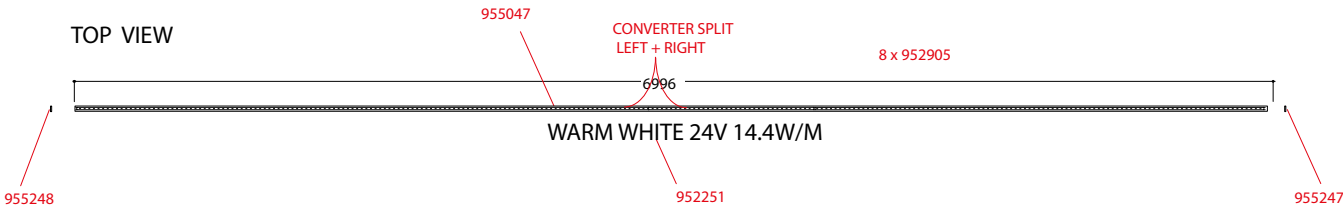
ORDERFORM

REFERENCE	DESCRIPTION	PCS / M
955047	1U WALL PROFILE TEXTURED WHITE	6,996
952251	Ledline 2700k High Power CRI 92	6,996
955247	ENDCAP RIGHT TEXTURED WHITE	1
955248	ENDCAP LEFT TEXTURED WHITE	1
952905	SPRING	8
40084	CONVERTER 230V 24V 120VA dimm 1/10v	1

SECTION VIEW

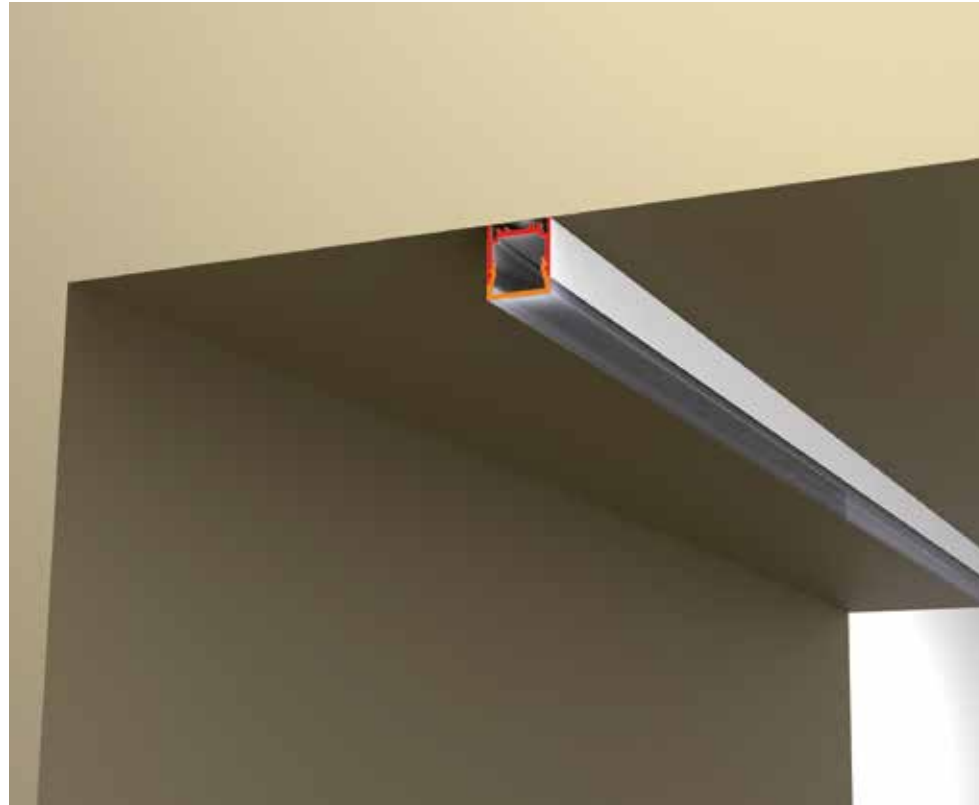


DRAWING

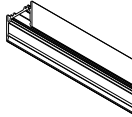


1U SLIM

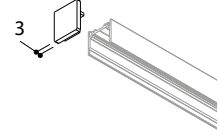
profiles



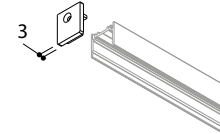
PROFILE/ m

	
Max. length in combination with ledline = 5 metres	
TEXTURED WHITE	954047
TEXTURED BLACK	954026
SILVER ANO	954012

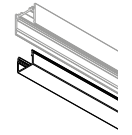
END CAP

	
TEXTURED WHITE	954247
TEXTURED BLACK	954226
SILVER ANO	954212

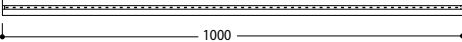
END CAP FOR SIDE ENTRY

	
TEXTURED WHITE	954347
TEXTURED BLACK	954326
SILVER ANO	954312

DIFFUSER

	
'TROUGH LED' POLYCARBONATE DIFFUSER	952006

MODULE LEDLINE/M

		24V DC		     							
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference	952211	952251	952221	952261	952231	952271	952410	952510	952610	952710	952800
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14.4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

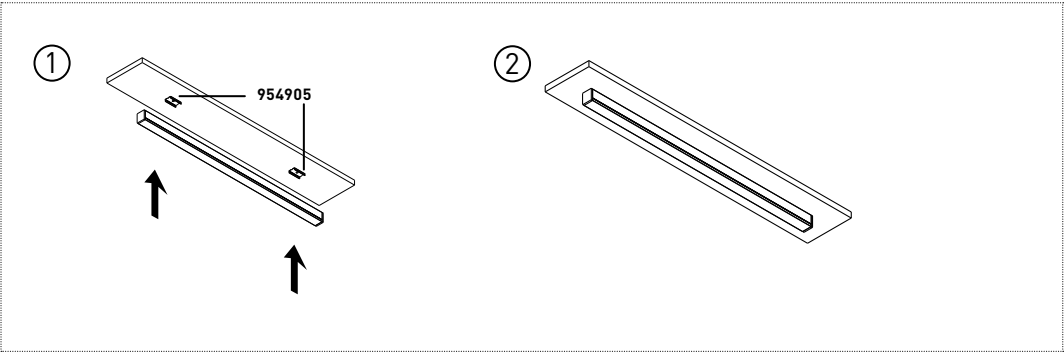
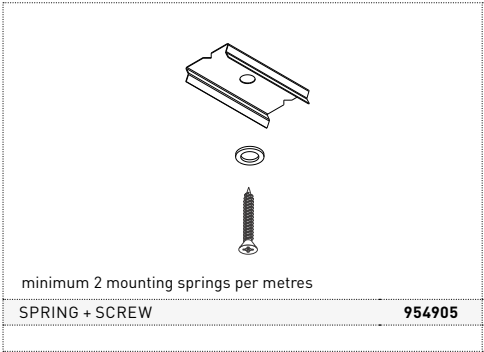
CONVERTER p.550

'TROUGH LED' POLYCARBONATE DIFFUSER INCLUDED

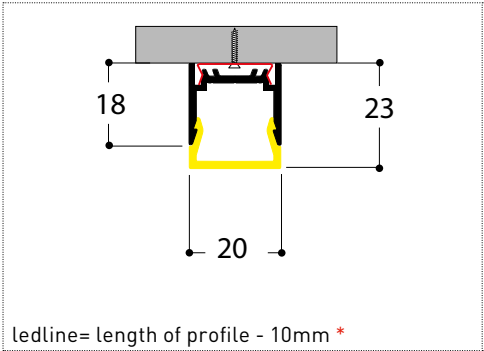
profiles

1U SLIM

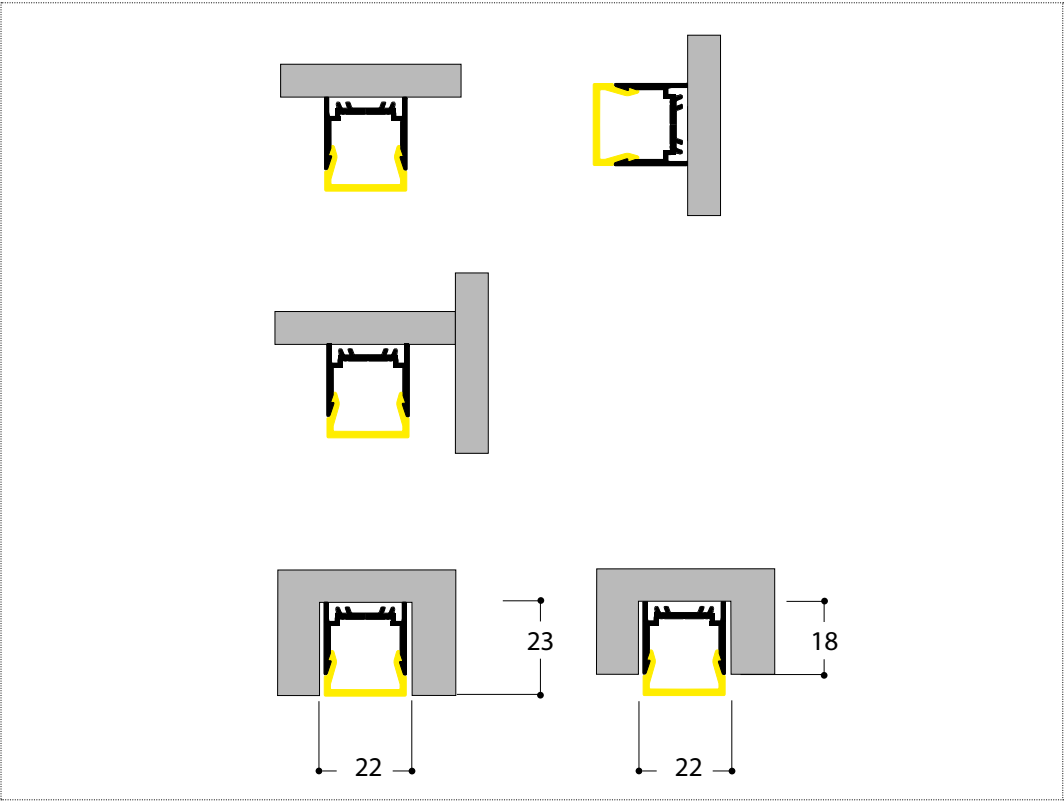
MOUNTING SPRINGS FOR SURFACE INSTALLATION



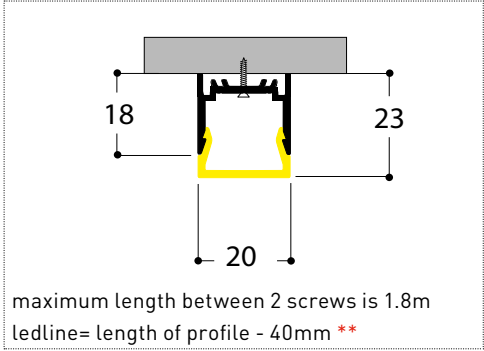
SECTION VIEW WITH SPRINGS



MULTIPLE POSSIBILITIES



SECTION VIEW WITHOUT SPRINGS



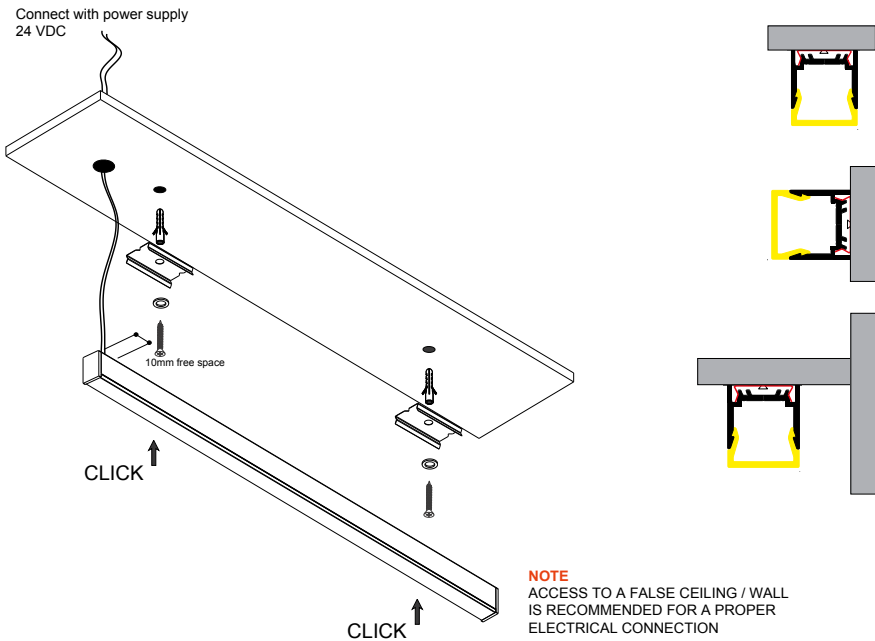
1U SLIM

profiles

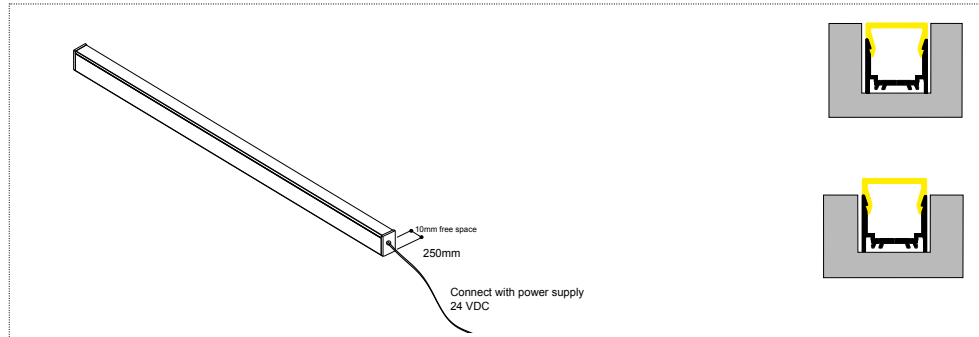
A. INSTALLATION WITH SPRINGS

RECOMMENDED FOR HOLLOW CEILING, WALL OR CABINET

- 1 Fix the mounting springs with the correct plugs + washers to the ceiling. Make sure they are carefully lined up. Min. 2 mounting springs per meter.
- 2 Connect power supply with 1U SLIM in the false ceiling or wall.



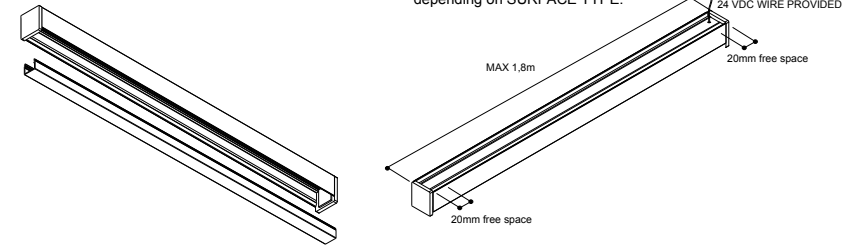
B. INSTALLATION FOR COVE LIGHTING



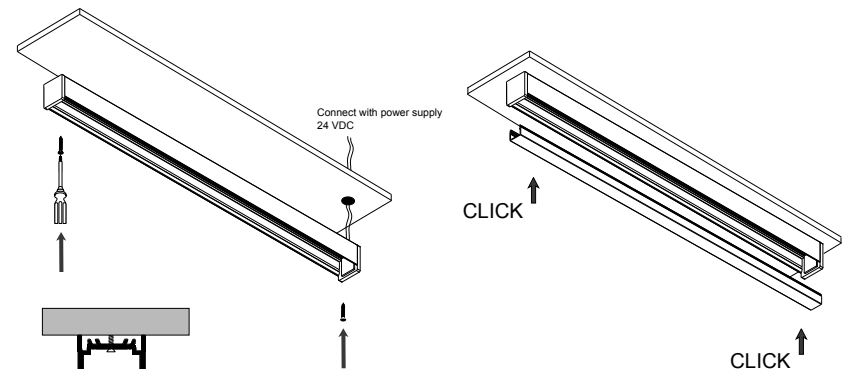
C. INSTALLATION WITHOUT SPRINGS

ONLY FOR HOLLOW CEILING, WALL OR CABINET

- 1 REMOVE DIFFUSER.
- 2 DRILL HOLES FOR MOUNTING. 20mm free space is provided at the end of both sides of the profile. Recommended screws, plug and drill hole dimensions depending on SURFACE TYPE.



- 3 FIXATION ON CEILING OR WALL AND ELECTRICAL CONNECTION
- 4 SNAP DIFFUSER ON THE PROFILE



NOTE
ACCESS TO A FALSE CEILING / WALL IS RECOMMENDED FOR A PROPER ELECTRICAL CONNECTION

profiles

1U SLIM ANO 2700K



1U SLIM ANO 3000K

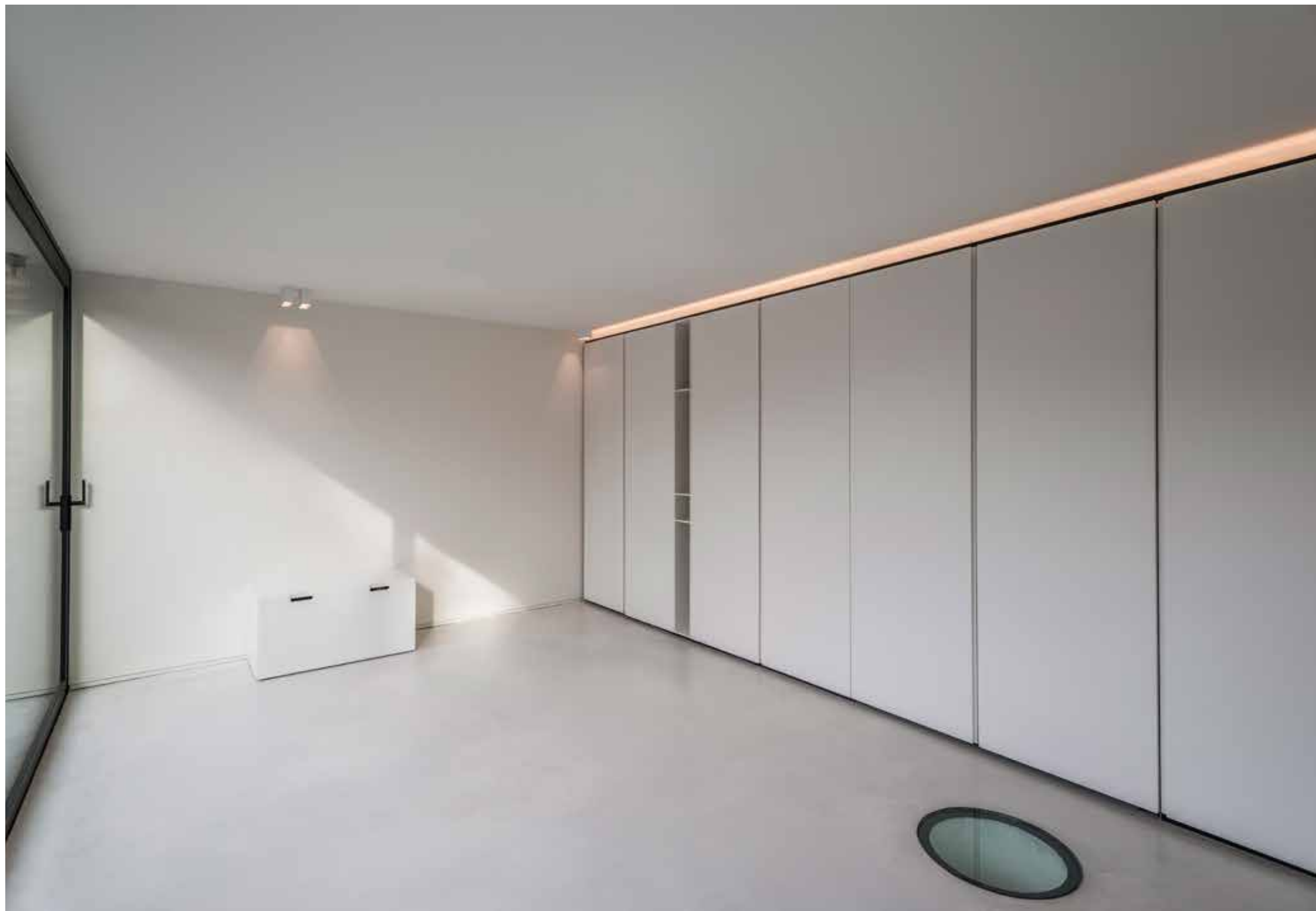


1U SLIM ANO 4000K



1U SLIM





HOW TO COMPOSE 1U SLIM

REQUEST CUSTOMER

VERY SLIM PROFILE APPROX. 2M
BLACK COLOR
WARM WHITE (RESIDENTIAL)
CEILING MOUNTED

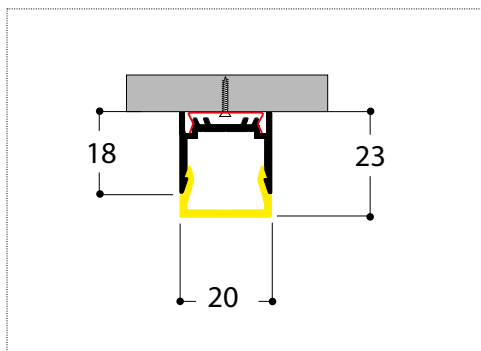
+ CONVERTER (REMOTE)



ORDERFORM

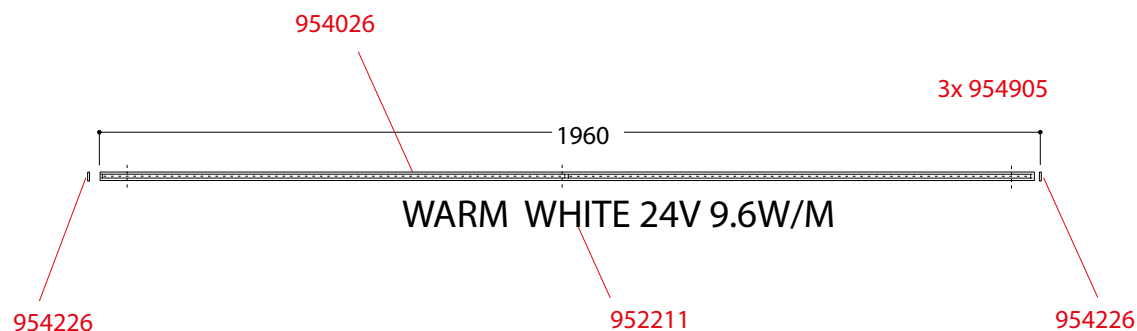
REFERENCE	DESCRIPTION	PCS / M
954026	1U SLIM PROFILE TEXTURED BLACK	1,96
952211	LEDLINE 2700K MEDIUM POWER	1,95
952210	ENDCAP TEXTURED BLACK	2
954905	MOUNTING SPRING	3
952006	DIFFUSER	0,01
40057	CONVERTER 230V 24V 20VA	1

SECTION VIEW



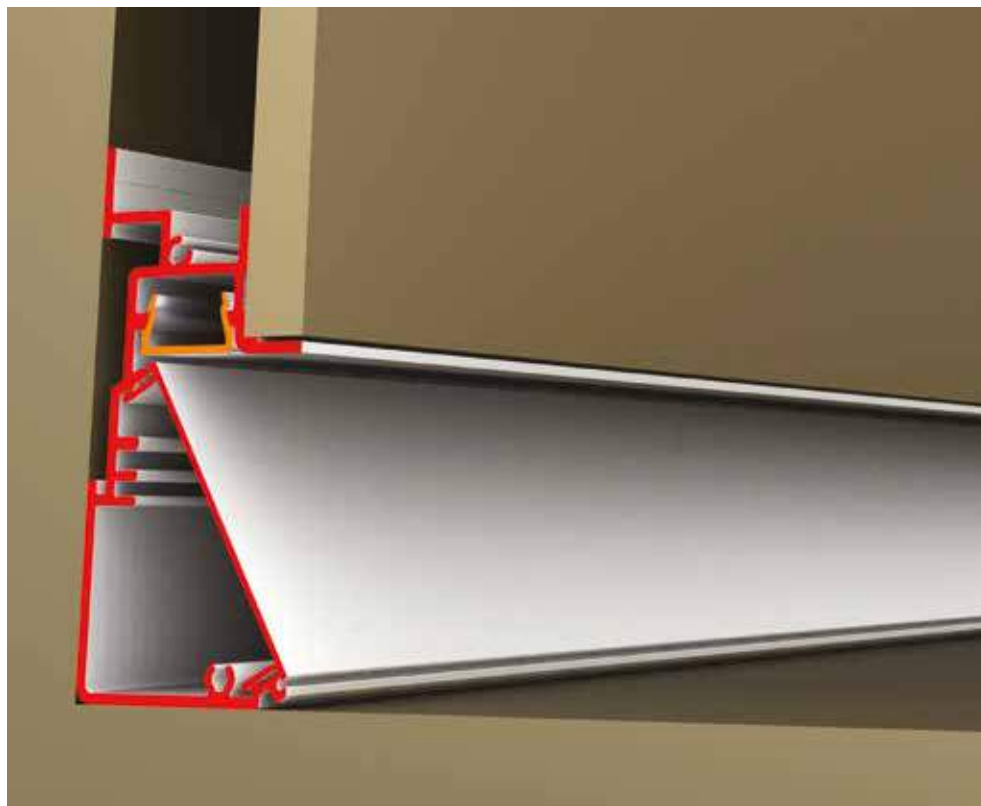
DRAWING

TOP VIEW

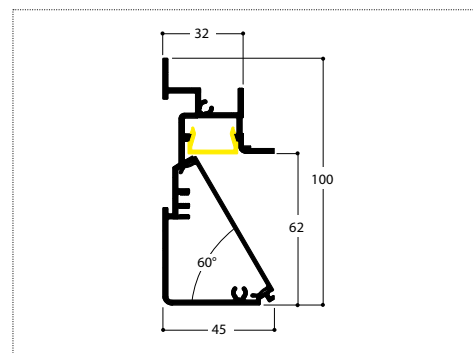


DUCTOR

profiles



SECTION VIEW



PROFILE/ m



SILVER ANO + REFLECTOR SILVER ANO	981012
SILVER ANO + REFLECTOR TEXT. WHITE	981047
Exclusive PC Diffusor	

END CAP

SILVER ANO	980212
TEXT. WHITE	980207

STRAIGHT CONNECTION

STRAIGHT CONNECTION	988100
---------------------	--------

MODULE LEDLINE/M



		24V DC									
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference	981179	981173	981172	981175	981170	981174	981145	981155	981165	981185	981195
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14.4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

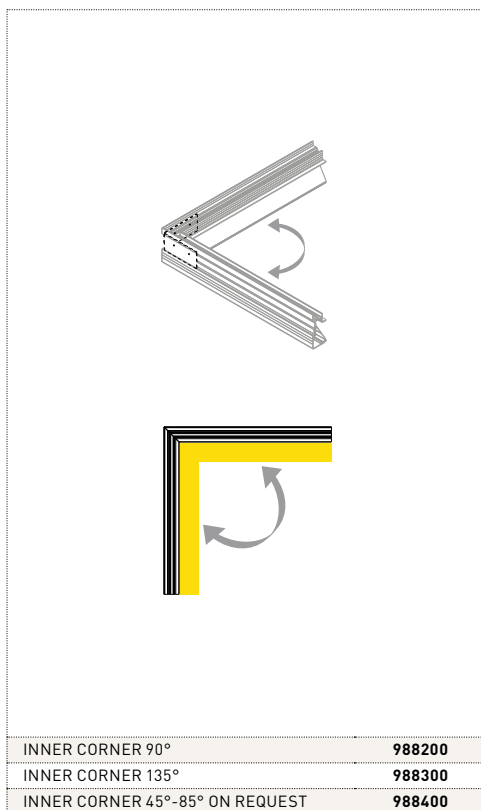
CONVERTER p.550

*"TROUGH LED" POLYCARBONATE DIFFUSER INCLUDED

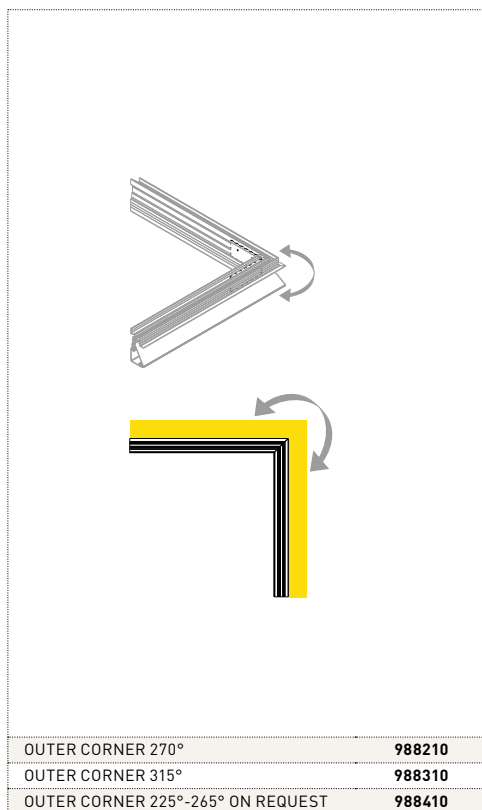
profiles

DUCTOR

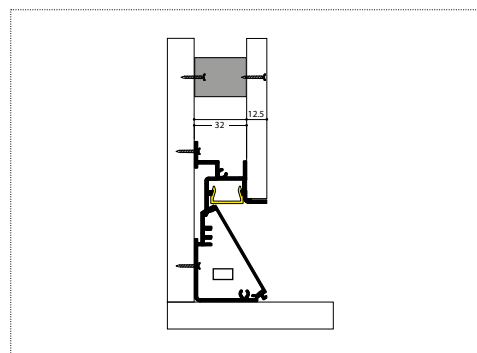
HORIZONTAL INNER CORNER



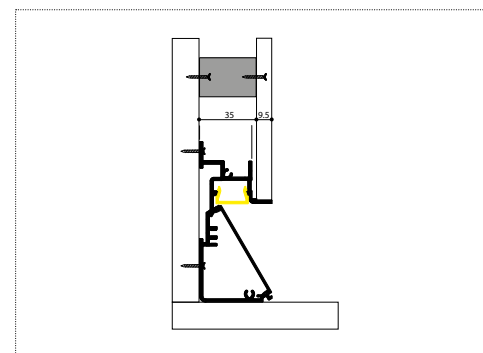
HORIZONTAL OUTER CORNER



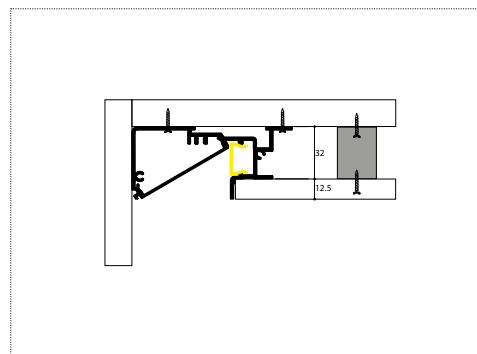
BUILT IN SCENARIO 1



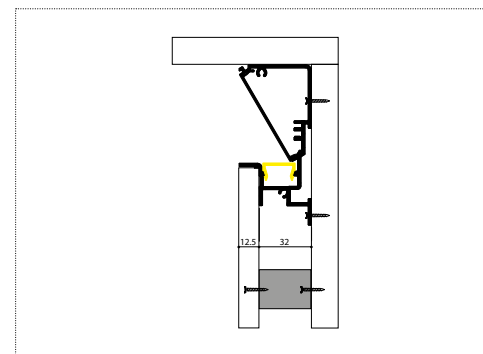
BUILT IN SCENARIO 2



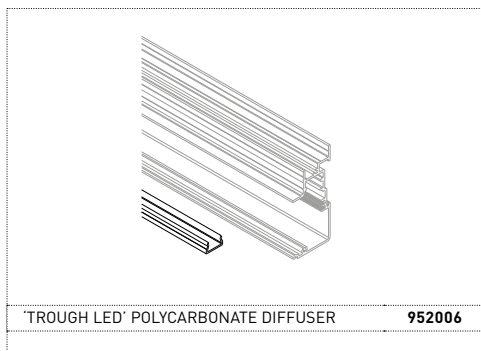
BUILT IN SCENARIO 3



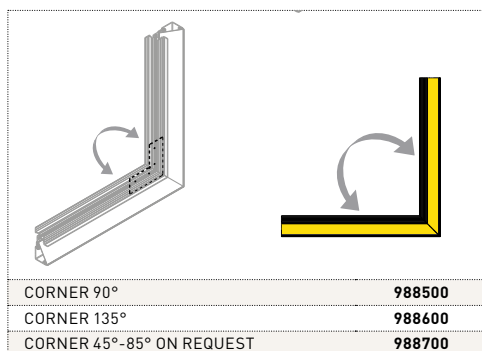
BUILT IN SCENARIO 4



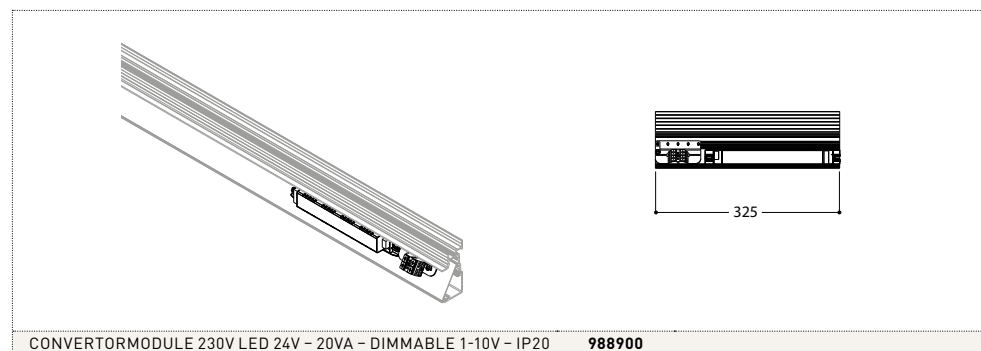
DIFFUSER



VERTICAL CORNER



CONVERTORMODULE 230V



In combination with ledline no extra free space is required

DUCTOR

profiles





DUCTOR

profiles



HOW TO COMPOSE DUCTOR

REQUEST CUSTOMER

INDIRECT PATHLIGHT
TOTAL LENGTH = 6,5m
WARM WHITE (RESIDENTIAL)
AMBIENT LIGHT (SOFT LIGHT)

+ POWERED DIRECT BY MAINS (230V)

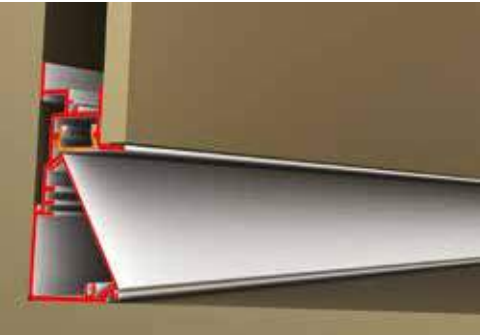
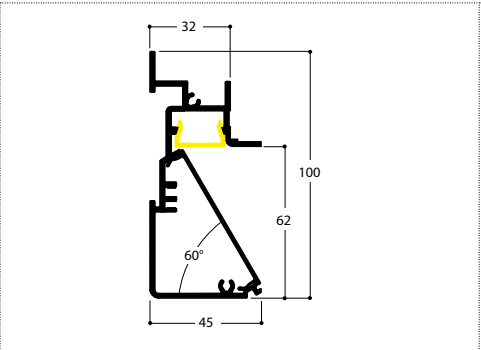


ORDERFORM

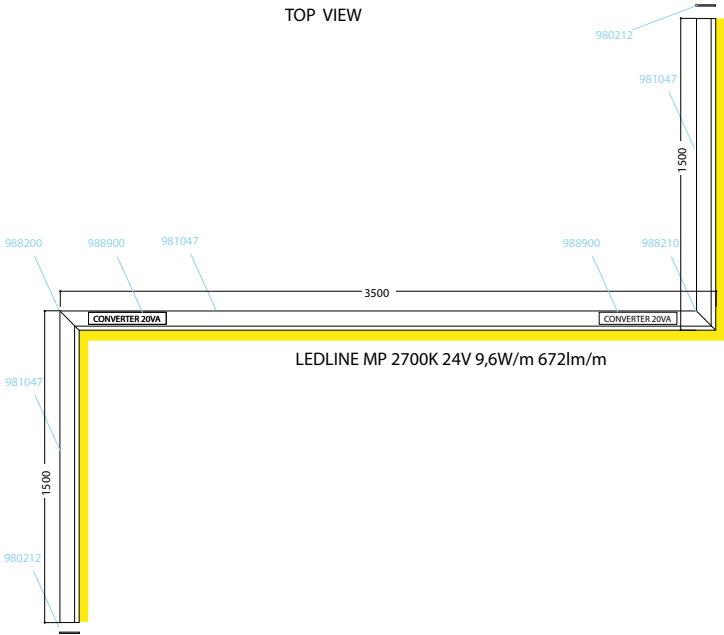
REFERENCE	DESCRIPTION	PCS / M
981047	DUCTOR PROFILE TEXTURED WHITE	6,5 (3,5 + 1,5 + 1,5)
981179	LEDLINE 2700K MEDIUM POWER	6,5 (3,5 + 1,5 + 1,5)
988900	BUILT IN CONVERTOR 20W	2
988200	HORIZONTAL INNER CORNER 90°	1
980207	HORIZONTAL OUTER CORNER 270°	1

DRAWING

SECTION VIEW

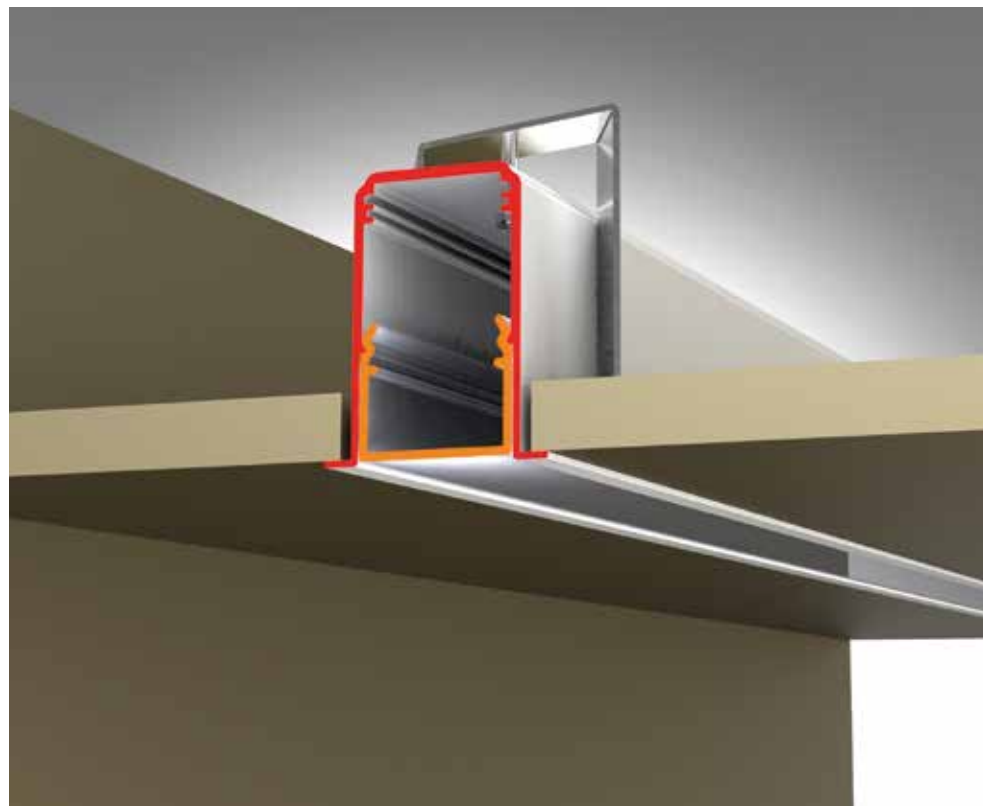


TOP VIEW



2U RECESSED

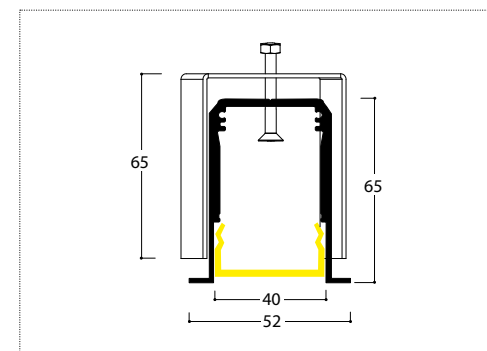
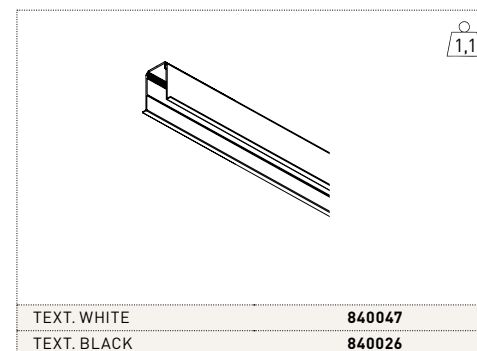
profiles



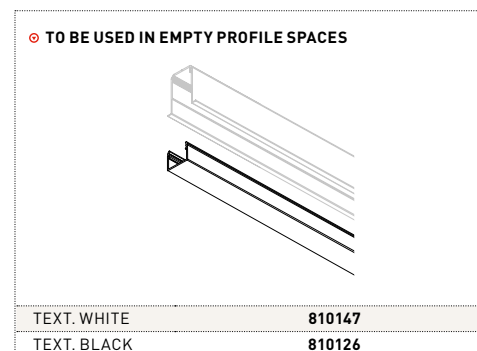
PROFILE/ m



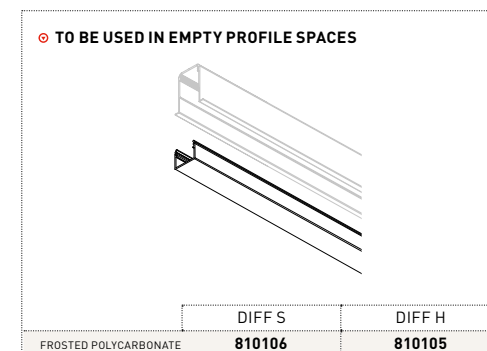
SECTION VIEW



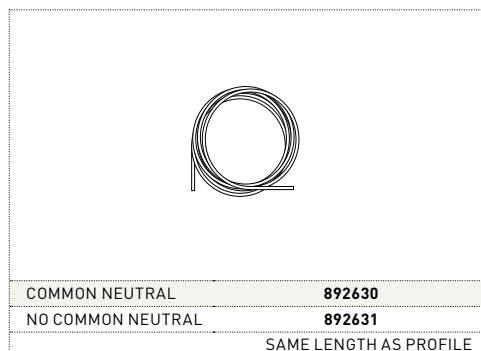
ALU COVER/ m



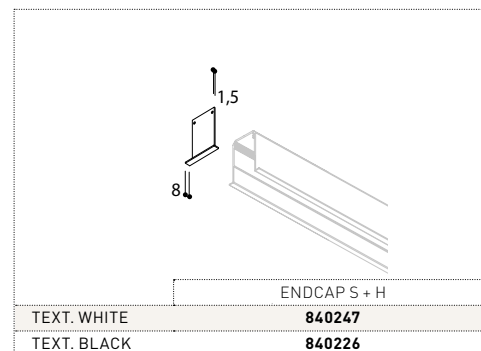
DIFFUSER/ m



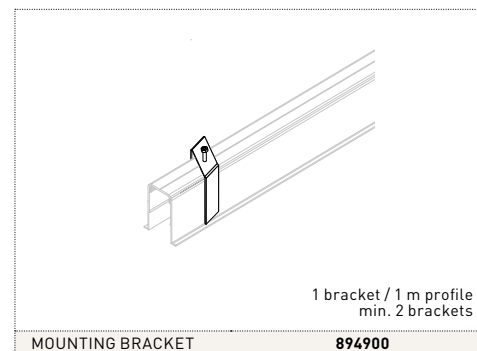
EXTRA CIRCUIT/ m



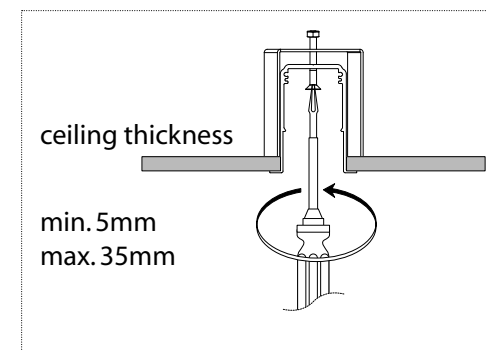
ENDCAP S + H



MOUNTING BRACKET

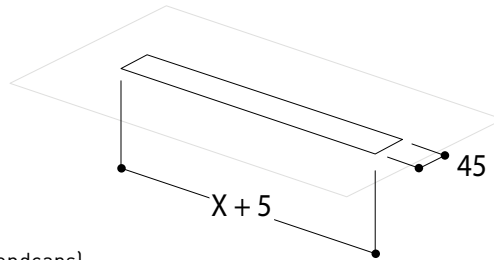


INSTALLATION



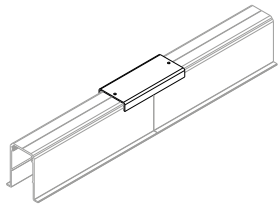
profiles

CUT OUT DIMENSIONS



X = Length of profile (measured without endcaps)
Installation height: 95 mm

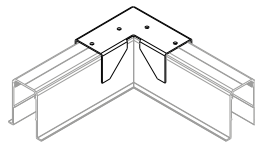
STRAIGHT CONNECTION



STRAIGHT CONNECTION

891910

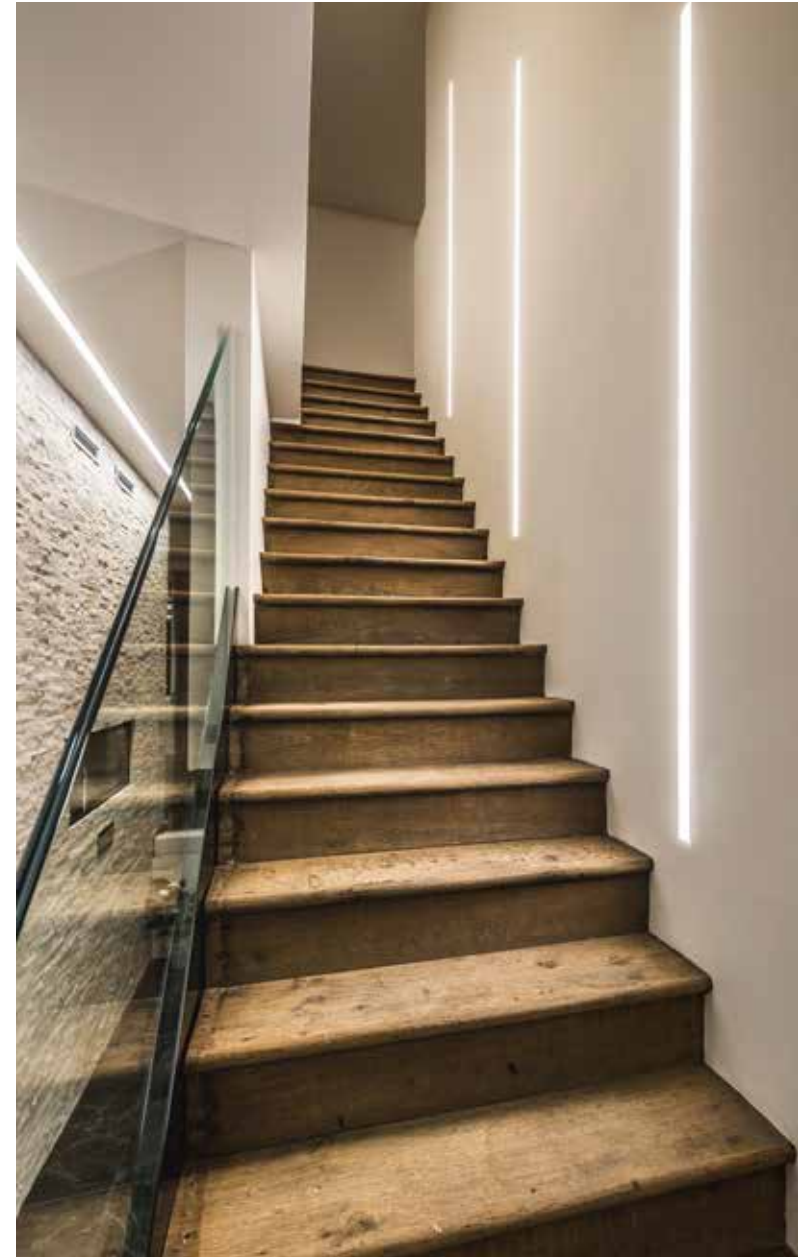
CORNER



CORNER 90°

892110

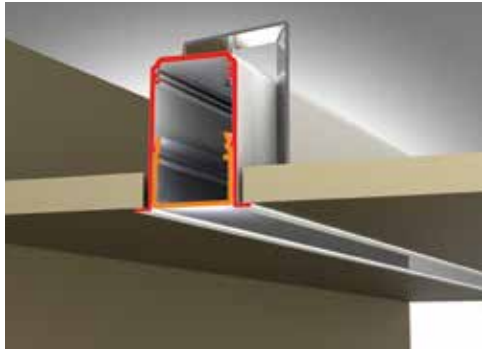
2U RECESSED



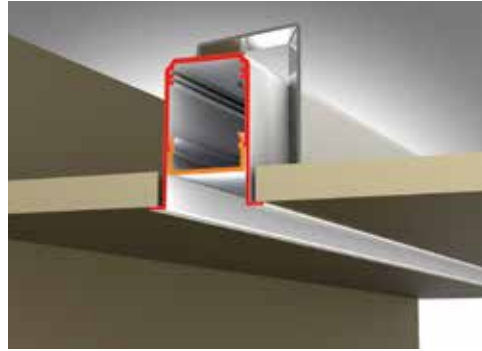
2U RECESSED

profiles

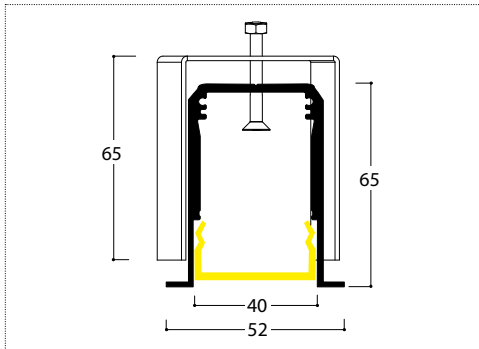
2U RECESSED S



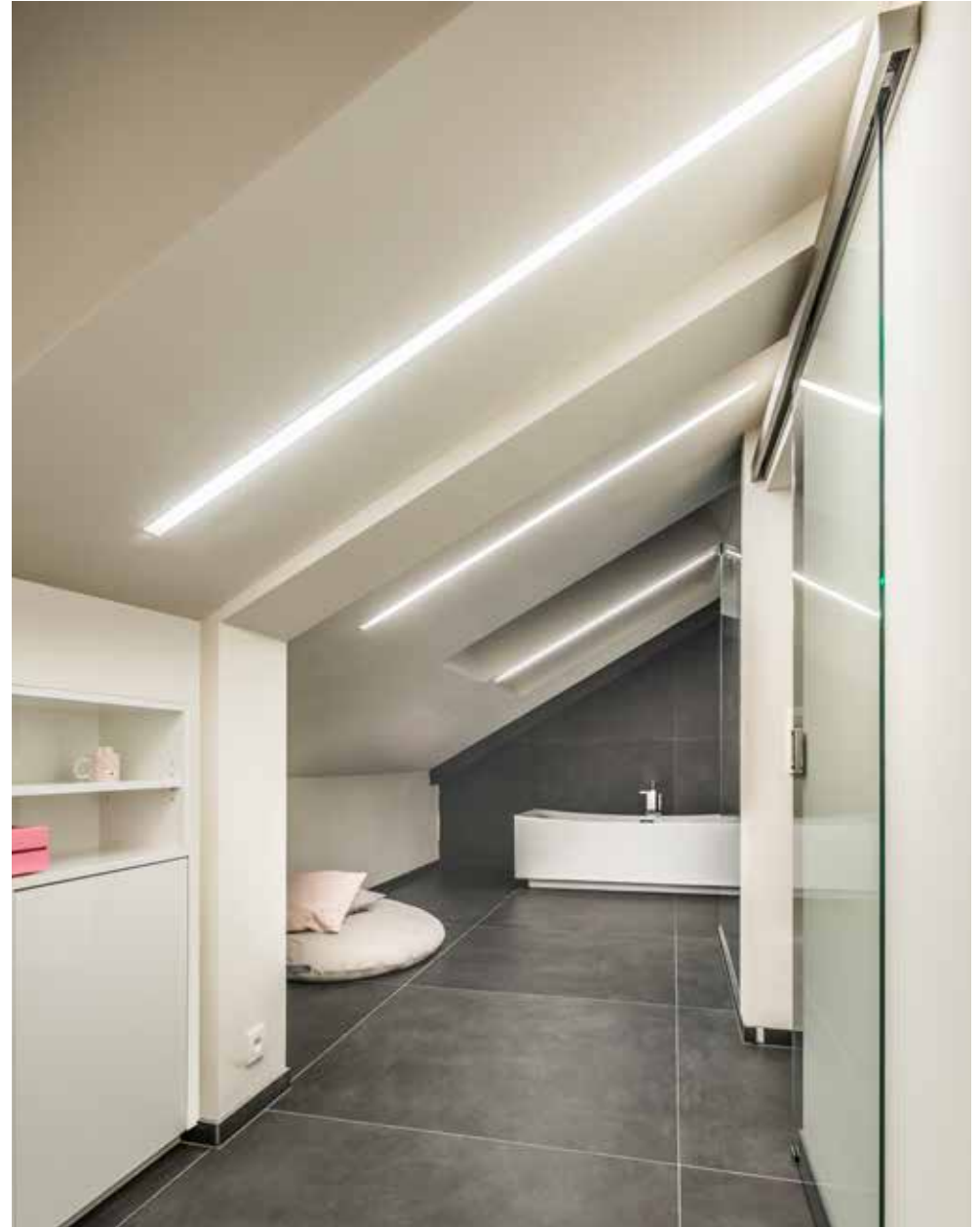
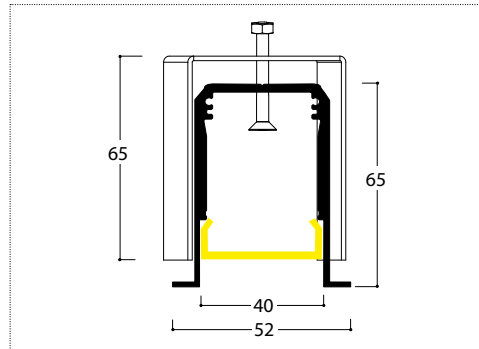
2U RECESSED H



SECTION VIEW S



SECTION VIEW H





2U RECESSED H

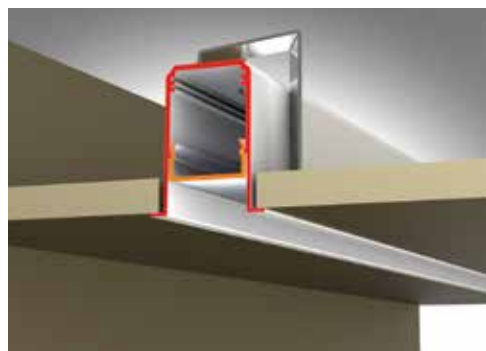
LEDSYSTEM HE - 2315 lm/meter

profiles

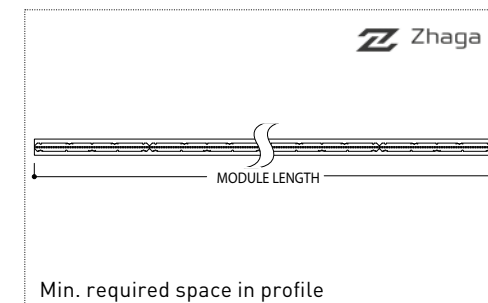
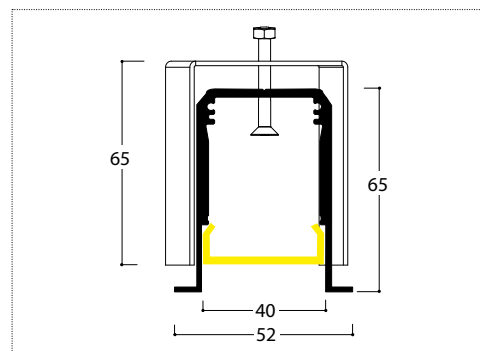


			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
2UR H LEDLINE 2x650lm	FROSTED POLYCARBONATE H	IP 40	813724	813720	811724	811720	811725	811721	7	560	2
2UR H LEDLINE 3x650lm	FROSTED POLYCARBONATE H	IP 40	813714	813710	811714	811710	811715	811711	10,5	840	3
2UR H LEDLINE 4x650lm	FROSTED POLYCARBONATE H	IP 40	813744	813740	811744	811740	811745	811741	14	1120	4
2UR H LEDLINE 5x650lm	FROSTED POLYCARBONATE H	IP 40	813754	813750	811754	811750	811755	811751	17,5	1400	5
2UR H LEDLINE 6x650lm	FROSTED POLYCARBONATE H	IP 40	813764	813760	811764	811760	811765	811761	21	1680	6
2UR H LEDLINE 7x650lm	FROSTED POLYCARBONATE H	IP 40	813774	813770	811774	811770	811775	811771	24,5	1960	7
2UR H LEDLINE 8x650lm	FROSTED POLYCARBONATE H	IP 40	813784	813780	811784	811780	811785	811781	28	2240	8
2UR H LEDLINE 9x650lm	FROSTED POLYCARBONATE H	IP 40	813794	813790	811794	811790	811795	811791	31,5	2520	9
2UR H LEDLINE 10x650lm	FROSTED POLYCARBONATE H	IP 40	813704	813700	811704	811700	811705	811701	35	2800	10

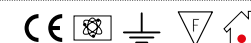
2U RECESSED H



SECTION VIEW H



INPUT VOLTAGE 230V AC





2U RECESSED S

LEDSYSTEM HE - 2315 lm/meter



			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
2UR S LEDLINE 2x650lm	FROSTED POLYCARBONATE S	IP 40	812724	812720	810724	810720	810725	810721	7	560	2
2UR S LEDLINE 3x650lm	FROSTED POLYCARBONATE S	IP 40	812714	812710	810714	810710	810715	810711	10,5	840	3
2UR S LEDLINE 4x650lm	FROSTED POLYCARBONATE S	IP 40	812744	812740	810744	810740	810745	810741	14	1120	4
2UR S LEDLINE 5x650lm	FROSTED POLYCARBONATE S	IP 40	812754	812750	810754	810750	810755	810751	17,5	1400	5
2UR S LEDLINE 6x650lm	FROSTED POLYCARBONATE S	IP 40	812764	812760	810764	810760	810765	810761	21	1680	6
2UR S LEDLINE 7x650lm	FROSTED POLYCARBONATE S	IP 40	812774	812770	810774	810770	810775	810771	24,5	1960	7
2UR S LEDLINE 8x650lm	FROSTED POLYCARBONATE S	IP 40	812784	812780	810784	810780	810785	810781	28	2240	8
2UR S LEDLINE 9x650lm	FROSTED POLYCARBONATE S	IP 40	812794	812790	810794	810790	810795	810791	31,5	2520	9
2UR S LEDLINE 10x650lm	FROSTED POLYCARBONATE S	IP 40	812704	812700	810704	810700	810705	810701	35	2800	10

LEDSYSTEM HO - 3925 lm/meter

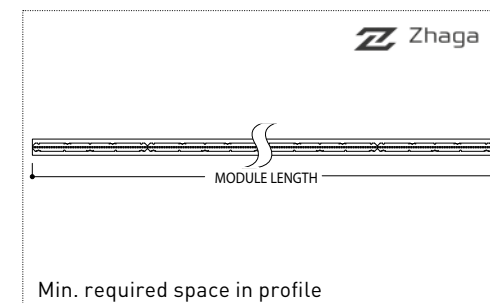
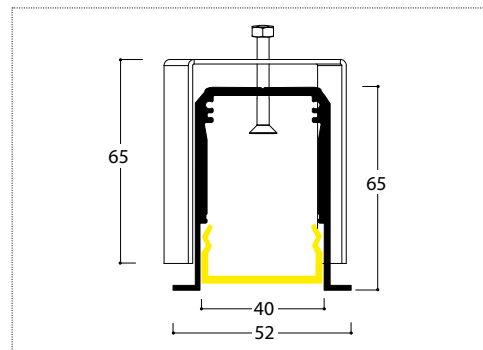


			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
2UR S LEDLINE 2x1100lm	FROSTED POLYCARBONATE S	IP 40	812726	812722	810726	810722	810728	810723	11,6	560	2
2UR S LEDLINE 3x1100lm	FROSTED POLYCARBONATE S	IP 40	812736	812732	810736	810732	810738	810733	17,4	840	3
2UR S LEDLINE 4x1100lm	FROSTED POLYCARBONATE S	IP 40	812746	812742	810746	810742	810748	810743	23,2	1120	4
2UR S LEDLINE 5x1100lm	FROSTED POLYCARBONATE S	IP 40	812756	812752	810756	810752	810758	810753	29	1400	5
2UR S LEDLINE 6x1100lm	FROSTED POLYCARBONATE S	IP 40	812766	812762	810766	810762	810768	810763	34,8	1680	6
2UR S LEDLINE 7x1100lm	FROSTED POLYCARBONATE S	IP 40	812776	812772	810776	810772	810778	810773	40,6	1960	7
2UR S LEDLINE 8x1100lm	FROSTED POLYCARBONATE S	IP 40	812786	812782	810786	810782	810788	810783	46,4	2240	8
2UR S LEDLINE 9x1100lm	FROSTED POLYCARBONATE S	IP 40	812796	812792	810796	810792	810798	810793	52,2	2520	9
2UR S LEDLINE 10x1100lm	FROSTED POLYCARBONATE S	IP 40	812706	812702	810706	810702	810708	810703	58	2800	10

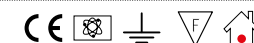
2U RECESSED S



SECTION VIEW S



INPUT VOLTAGE 230V AC



2U RECESSED S

MODULE 1 x LUXEON M



			LUXEON M 3,82W 230 V - AC 400 lumen		
A++					
			2700K	3000K	
TEXT. WHITE	815222	815242			
TEXT. BLACK	815223	815243			
GOLD	815225	815245			
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M					

MODULE 2 x LUXEON M



			LUXEON M 2 x 3,82W 230 V - AC 2 x 400 lumen		
A++					
			2700K	3000K	
TEXT. WHITE	815226	815246			
TEXT. BLACK	815227	815247			
GOLD	815229	815249			
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M					

MODULE 3 x LUXEON M



			LUXEON M 3 x 3,82W 230 V - AC 3 x 400 lumen		
A++					
			2700K	3000K	
TEXT. WHITE	815232	815252			
TEXT. BLACK	815233	815253			
GOLD	815235	815255			
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M					

MODULE 4 x LUXEON M



			LUXEON M 4 x 3,82W 230 V - AC 4 x 400 lumen		
A++					
			2700K	3000K	
TEXT. WHITE	815236	815256			
TEXT. BLACK	815237	815257			
GOLD	815239	815259			
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M					

M10 module



			230 V - AC		
A++					
M10 MODULE			815299		

All distances between led modules are always minimum dimensions

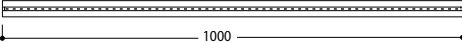


2U RECESSED

profiles

MODULE LEDLINE/M WC (no space for convertor)



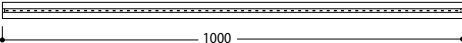
		24V DC					    				
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference diffuser S	819211	819251	819221	819261	819231	819271	819280	819281	819282	819283	819090
Reference diffuser H	819216	819256	819226	819266	819236	819276	819285	819286	819287	819288	819095
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14,4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

CONVERTER p.550

TROUGH LED POLYCARBONATE DIFFUSER INCLUDED

MODULE LEDLINE/M CR (convertor can be incorporated)



		24V DC					    				
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference diffuser S	819410	819450	819420	819460	819430	819470	819480	819481	819482	819483	819490
Reference diffuser H	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14,4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

CONVERTER p.550

TROUGH LED POLYCARBONATE DIFFUSER INCLUDED

INTEGRATED CONVERTOR (for ledline CR)

input 230 V-AC output 24V-DC power 20W		fits in 2U profile (no extra space required)					
		CE   IP 20   					
2U CONVERTOR MODULE		1-10V DIMM 692910					

INTEGRATED CONVERTOR (for ledline CR)

input 230 V-AC output 24V-DC power 60W		fits in 2U profile (no extra space required)			     		
		NOT DIMM	1-10V	DALI DIMM			
2U CONVERTOR MODULE		692930	692940	692950			

HOW TO COMPOSE 2U RECESSED

REQUEST CUSTOMER

SMALL RECESSED PROFILE
WHITE COLOR
TOTAL LIGHT OUTPUT ± 7500 Lm
TOTAL LENGTH ± 2M
DALI DIMMABLE

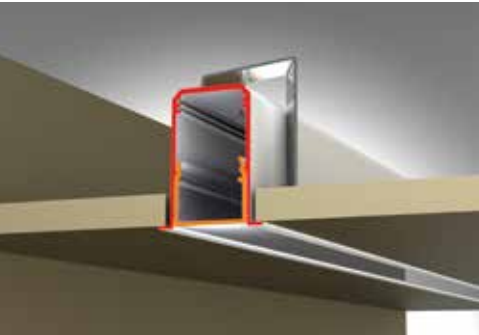
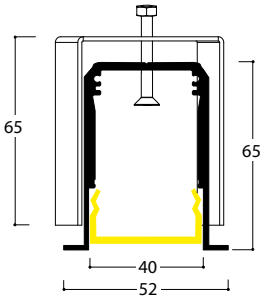


ORDERFORM

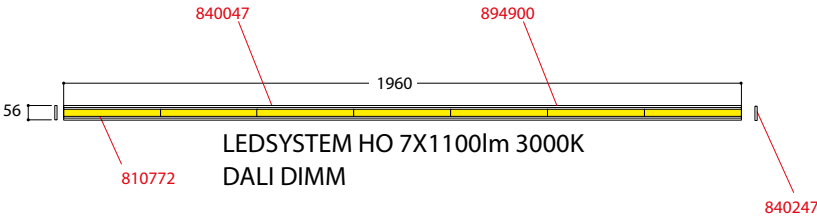
REFERENCE	DESCRIPTION	PCS / M
840047	PROFILE	1,96
840247	ENDCAP	2
894900	MOUNTING BRACKET	3
810772	MODULE 7X1100Lm HO DALI DIMMABLE	1

DRAWING

SECTION VIEW



TOP VIEW



2U

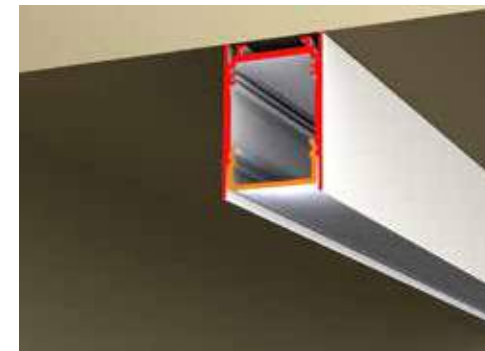
profiles



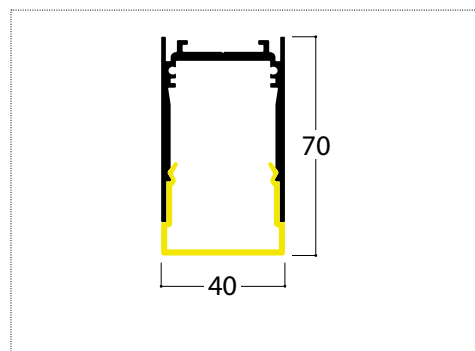
PROFILE/ m



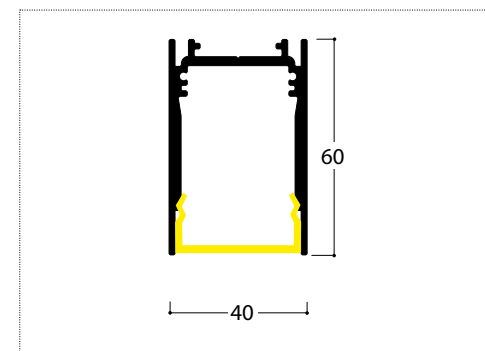
TEXT. WHITE	810047
TEXT. BLACK	810026
SILVER ANO	810012



SECTION VIEW W



SECTION VIEW H



EXTRA CIRCUIT/ m

COMMON NEUTRAL	892630
NO COMMON NEUTRAL	892631
SAME LENGTH AS PROFILE	

ALU COVER W/ m

TO BE USED IN EMPTY PROFILE SPACES	
TEXT. WHITE	810847
TEXT. BLACK	810826
SILVER ANO	810812

DIFFUSER/ m

TO BE USED IN EMPTY PROFILE SPACES		
	DIFFUSER W	DIFFUSER H
	DIFF W	DIFF H
FROSTED PC	810104	810105

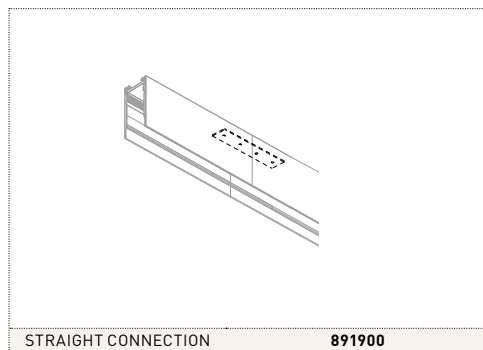
ENDCAP

	ENDCAP W	ENDCAP H
	ENDCAP W	ENDCAP H
TEXT. WHITE	810947	810347
TEXT. BLACK	810967	810326
SILVER ANO	810927	810312

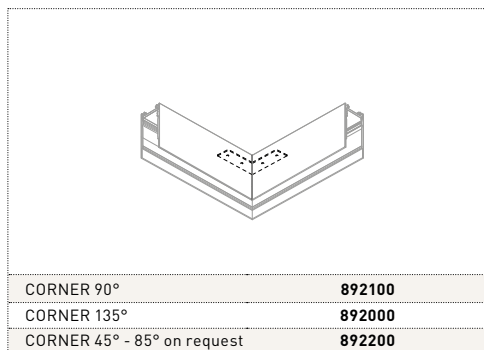
profiles

2U

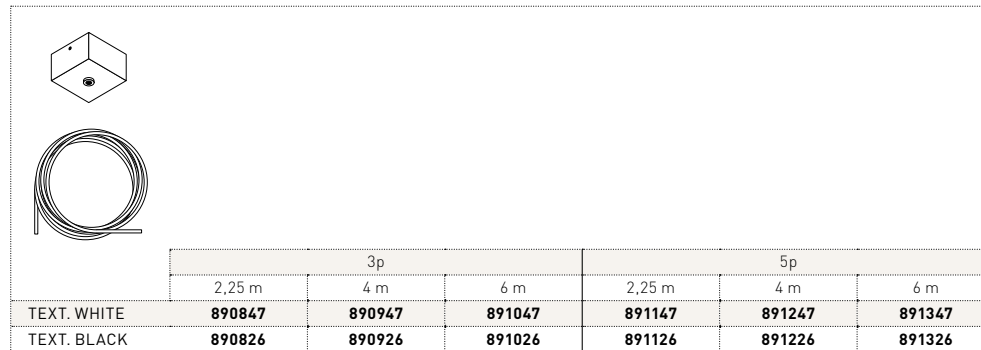
STRAIGHT CONNECTION



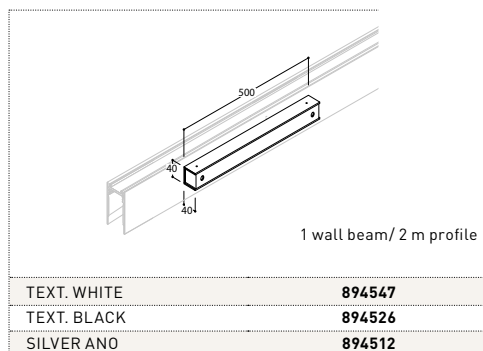
CORNER



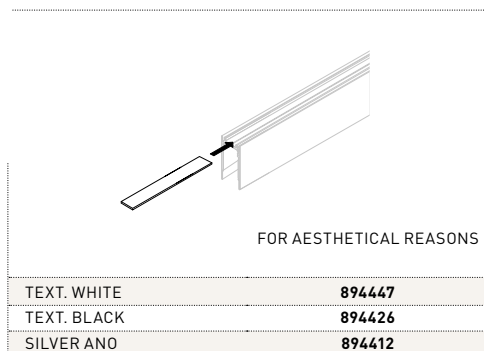
CONNECTION SET SQUARE



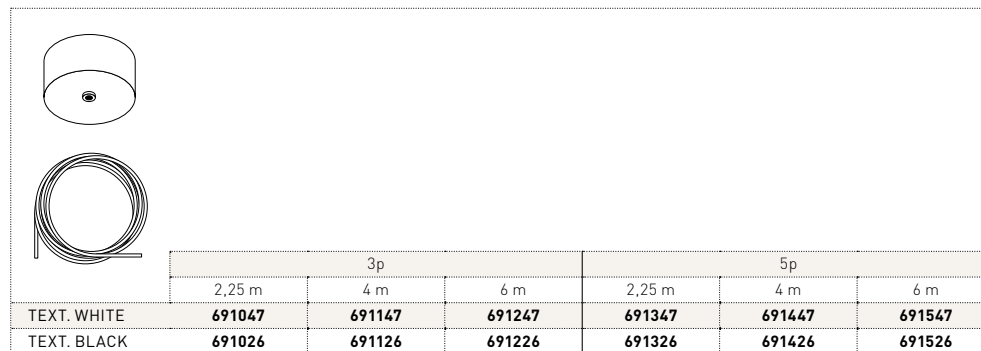
WALL BEAM



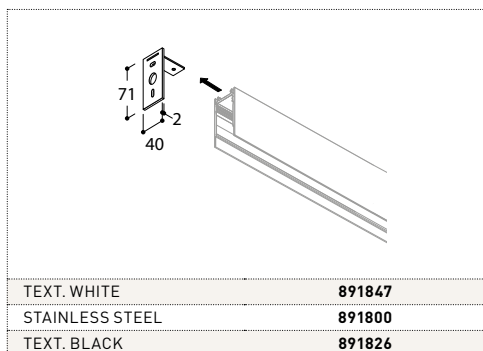
TOP STRIP/ m



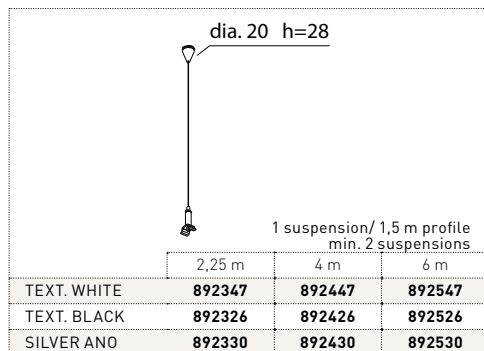
CONNECTION SET ROUND



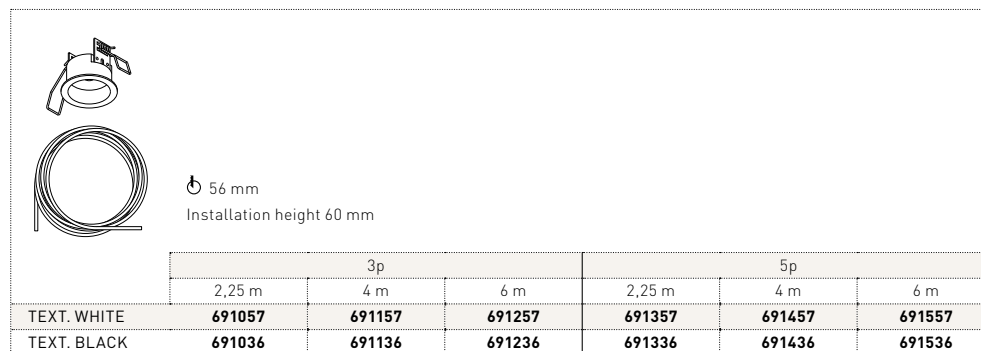
WALL FIXATION



SUSPENSION SINGLE



CONNECTION SET KOSMOS (recessed)



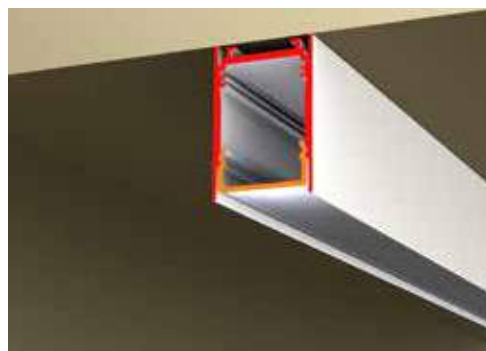
2U H

LEDSYSTEM HE - 2315 lm/meter

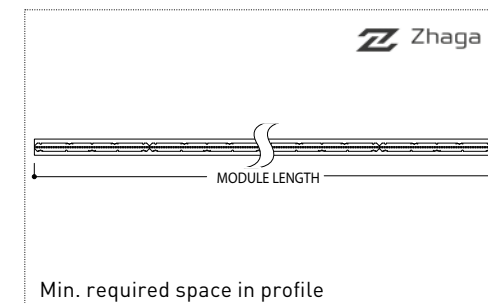
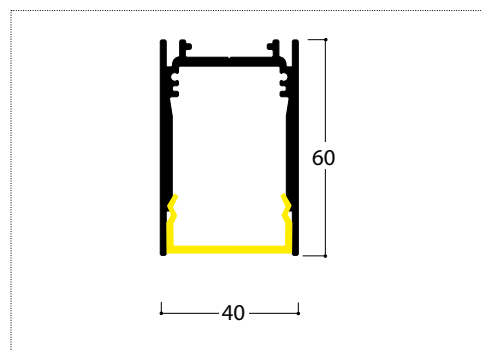


			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
2U H LEDLINE 2x650lm	FROSTED POLYCARBONATE H	IP 40	813724	813720	811724	811720	811725	811721	7	560	2
2U H LEDLINE 3x650lm	FROSTED POLYCARBONATE H	IP 40	813714	813710	811714	811710	811715	811711	10,5	840	3
2U H LEDLINE 4x650lm	FROSTED POLYCARBONATE H	IP 40	813744	813740	811744	811740	811745	811741	14	1120	4
2U H LEDLINE 5x650lm	FROSTED POLYCARBONATE H	IP 40	813754	813750	811754	811750	811755	811751	17,5	1400	5
2U H LEDLINE 6x650lm	FROSTED POLYCARBONATE H	IP 40	813764	813760	811764	811760	811765	811761	21	1680	6
2U H LEDLINE 7x650lm	FROSTED POLYCARBONATE H	IP 40	813774	813770	811774	811770	811775	811771	24,5	1960	7
2U H LEDLINE 8x650lm	FROSTED POLYCARBONATE H	IP 40	813784	813780	811784	811780	811785	811781	28	2240	8
2U H LEDLINE 9x650lm	FROSTED POLYCARBONATE H	IP 40	813794	813790	811794	811790	811795	811791	31,5	2520	9
2U H LEDLINE 10x650lm	FROSTED POLYCARBONATE H	IP 40	813704	813700	811704	811700	811705	811701	35	2800	10

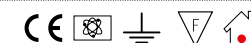
2U H



SECTION VIEW H



INPUT VOLTAGE 230V AC





2U W

LEDSYSTEM HE - 2315 lm/meter

profiles



			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
2U W LEDLINE 2x650lm	FROSTED POLYCARBONATE W	IP 40	812924	812920	810924	810920	810925	810921	7	560	2
2U W LEDLINE 3x650lm	FROSTED POLYCARBONATE W	IP 40	812914	812910	810914	810910	810915	810911	10,5	840	3
2U W LEDLINE 4x650lm	FROSTED POLYCARBONATE W	IP 40	812944	812940	810944	810940	810945	810941	14	1120	4
2U W LEDLINE 5x650lm	FROSTED POLYCARBONATE W	IP 40	812954	812950	810954	810950	810955	810951	17,5	1400	5
2U W LEDLINE 6x650lm	FROSTED POLYCARBONATE W	IP 40	812964	812960	810964	810960	810965	810961	21	1680	6
2U W LEDLINE 7x650lm	FROSTED POLYCARBONATE W	IP 40	812974	812970	810974	810970	810975	810971	24,5	1960	7
2U W LEDLINE 8x650lm	FROSTED POLYCARBONATE W	IP 40	812984	812980	810984	810980	810985	810981	28	2240	8
2U W LEDLINE 9x650lm	FROSTED POLYCARBONATE W	IP 40	812994	812990	810994	810990	810995	810991	31,5	2520	9
2U W LEDLINE 10x650lm	FROSTED POLYCARBONATE W	IP 40	812904	812900	810904	810900	810905	810901	35	2800	10

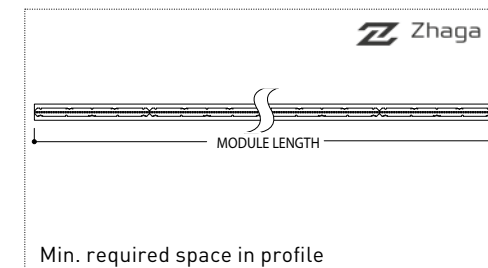
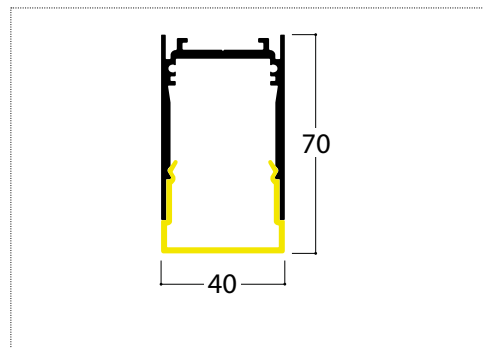
LEDSYSTEM HO - 3925 lm/meter



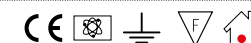
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
2U W LEDLINE 2x1100lm	FROSTED POLYCARBONATE W	IP 40	812926	812922	810926	810922	810928	810923	11,6	560	2
2U W LEDLINE 3x1100lm	FROSTED POLYCARBONATE W	IP 40	812916	812912	810916	810912	810918	810913	17,4	840	3
2U W LEDLINE 4x1100lm	FROSTED POLYCARBONATE W	IP 40	812946	812942	810946	810942	810948	810943	23,2	1120	4
2U W LEDLINE 5x1100lm	FROSTED POLYCARBONATE W	IP 40	812956	812952	810956	810952	810958	810953	29	1400	5
2U W LEDLINE 6x1100lm	FROSTED POLYCARBONATE W	IP 40	812966	812962	810966	810962	810968	810963	34,8	1680	6
2U W LEDLINE 7x1100lm	FROSTED POLYCARBONATE W	IP 40	812976	812972	810976	810972	810978	810973	40,6	1960	7
2U W LEDLINE 8x1100lm	FROSTED POLYCARBONATE W	IP 40	812986	812982	810986	810982	810988	810983	46,4	2240	8
2U W LEDLINE 9x1100lm	FROSTED POLYCARBONATE W	IP 40	812996	812992	810996	810992	810998	810993	52,2	2520	9
2U W LEDLINE 10x1100lm	FROSTED POLYCARBONATE W	IP 40	812906	812902	810906	810902	810908	810903	58	2800	10

2U W

SECTION VIEW W

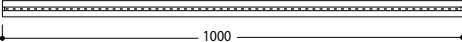


INPUT VOLTAGE 230V AC





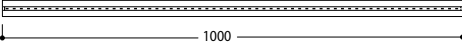
 MODULE LEDLINE/M **WC** (no space for convertor)


 24V DC											
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference diffuser W	819710	819750	819720	819760	819730	819770	819780	819781	819782	819783	819790
Reference diffuser H	819216	819256	819226	819266	819236	819276	819285	819286	819287	819288	819095
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14,4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

CONVERTER p.550

"TROUGH LED" POLYCARBONATE DIFFUSER INCLUDED

 MODULE LEDLINE/M **CR** (convertor can be incorporated)


 24V DC											
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference diffuser W	819610	819650	819620	819660	819630	819670	819680	819681	819682	819683	819690
Reference diffuser H	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14,4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

CONVERTER p.550

"TROUGH LED" POLYCARBONATE DIFFUSER INCLUDED

INTEGRATED CONVERTOR (for ledline CR)

input 230 V-AC output 24V-DC power 20W		fits in 2U profile (no extra space required)	
			
		1-10V DIMM	
2U CONVERTOR MODULE		692910	

INTEGRATED CONVERTOR (for ledline CR)

input 230 V-AC output 24V-DC power 60W		fits in 2U profile (no extra space required)	
			
		NOT DIMM	1-10V
			DALI DIMM
2U CONVERTOR MODULE		692930	692940
			692950





profiles

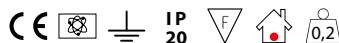
2U W

MODULE 1 x LUXEON M



LUXEON M 3,82W
230 V - AC
400 lumen

A++



	2700K	3000K
TEXT. WHITE	815202	815262
TEXT. BLACK	815203	815263
GOLD	815205	815265

- 810847 COVER TEXT. WHITE P/M
- 810826 COVER TEXT. BLACK P/M

MODULE 2 x LUXEON M



LUXEON M 2 x 3,82W
230 V - AC
2 x 400 lumen

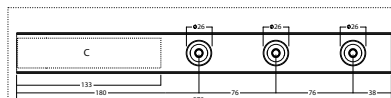
A++



	2700K	3000K
TEXT. WHITE	815206	815266
TEXT. BLACK	815207	815267
GOLD	815209	815269

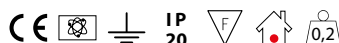
- 810847 COVER TEXT. WHITE P/M
- 810826 COVER TEXT. BLACK P/M

MODULE 3 x LUXEON M



LUXEON M 3 x 3,82W
230 V - AC
3 x 400 lumen

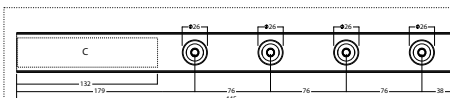
A++



	2700K	3000K
TEXT. WHITE	815212	815272
TEXT. BLACK	815213	815273
GOLD	815215	815275

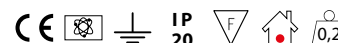
- 810847 COVER TEXT. WHITE P/M
- 810826 COVER TEXT. BLACK P/M

MODULE 4 x LUXEON M



LUXEON M 4 x 3,82W
230 V - AC
4 x 400 lumen

A++



	2700K	3000K
TEXT. WHITE	815216	815276
TEXT. BLACK	815217	815277
GOLD	815219	815279

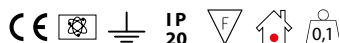
- 810847 COVER TEXT. WHITE P/M
- 810826 COVER TEXT. BLACK P/M

M10 module



230 V - AC

A++



M10 MODULE	815299
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All distances between led modules are always minimum dimensions





REQUEST CUSTOMER

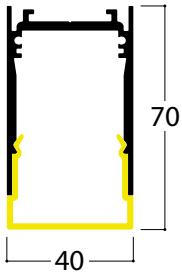
SMALL SINGLE LAMP PROFILE
1 CIRCUIT
TEXT. BLACK COLOR
L SHAPE
COLOR TEMPERATURE 4000K
LED T5 HE EQUIVALENT



ORDERFORM

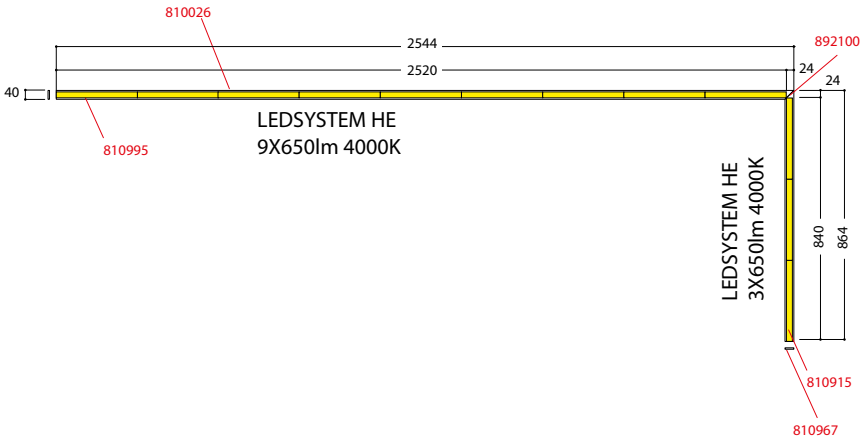
REFERENCE	DESCRIPTION	PCS / M
810026	PROFILE	2,544 + 0,864
810967	ENDCAP	2
810915	MODULE LEDSYSTEM 3X650Lm 4000K	1
810995	MODULE LEDSYSTEM 9X650Lm 4000K	1
892100	CORNER 90°	1
810104	DIFFUSER W	0,48

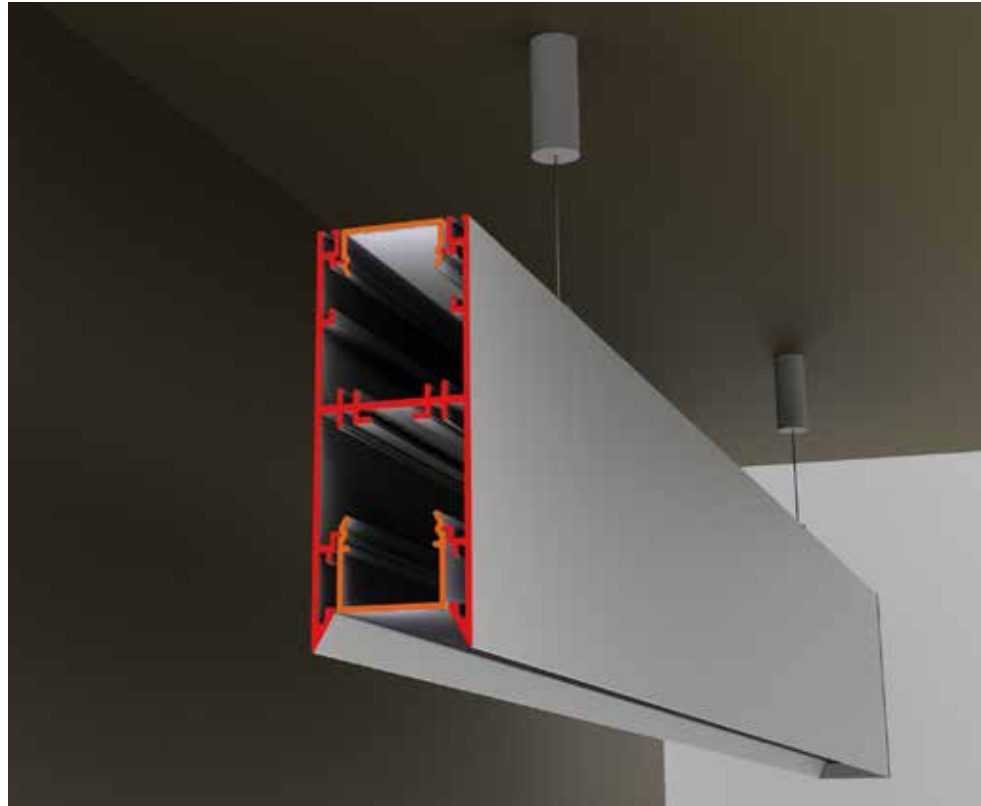
SECTION VIEW



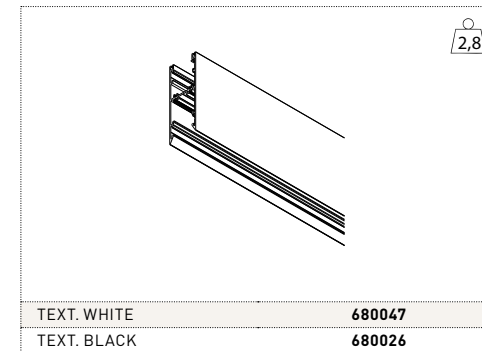
DRAWING

TOP VIEW

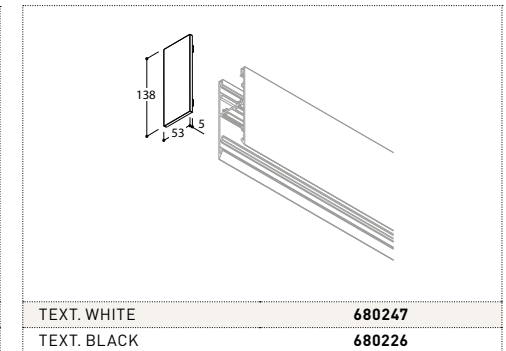




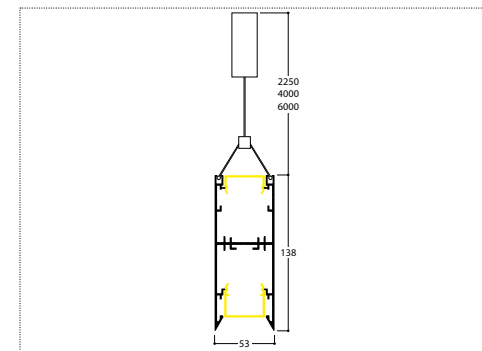
PROFILE/ m



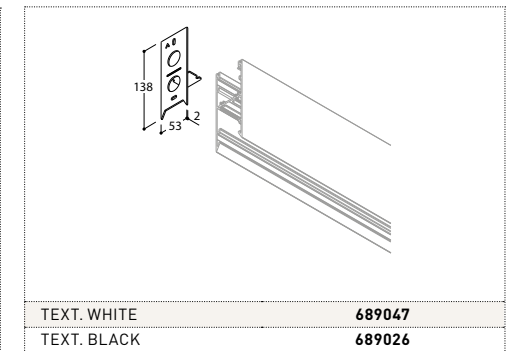
ENDCAP



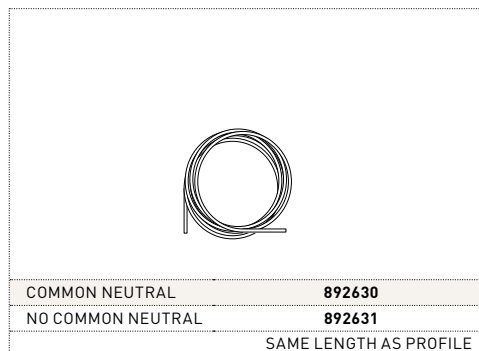
SECTION VIEW



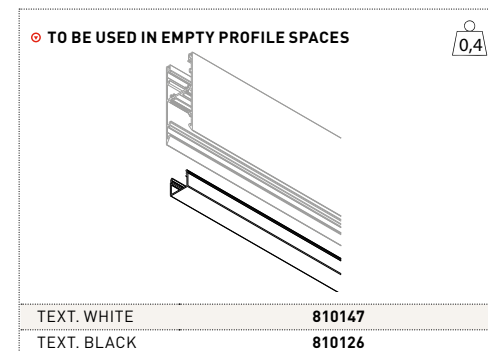
WALL FIXATION



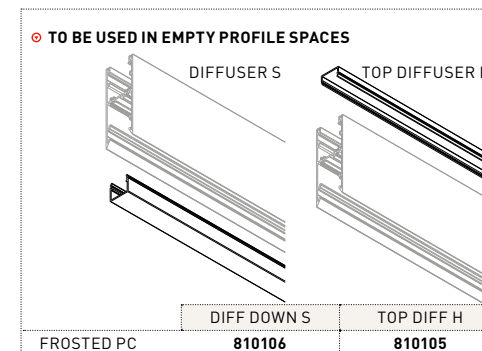
EXTRA CIRCUIT/ m



ALU COVER/ m



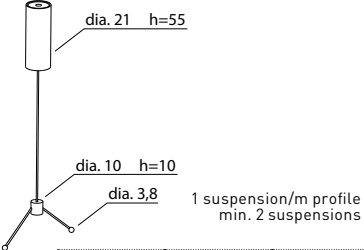
DIFFUSER/ m



profiles

LUDO

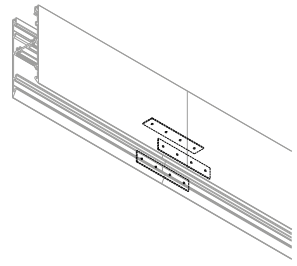
SUSPENSION SET



1 suspension/m profile
min. 2 suspensions

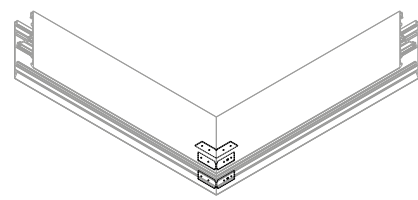
	2,25 m	4 m	6 m
TEXT. WHITE	685047	685147	685247
TEXT. BLACK	685026	685126	685226

STRAIGHT CONNECTION



STRAIGHT CONNECTION	689101
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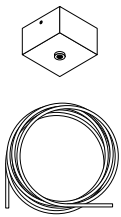
CORNER



CORNER 90°	950070
CORNER 135°	950080
CORNER 45° - 85° on request	950090

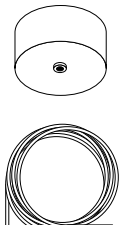


CONNECTION SET SQUARE



	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	890847	890947	891047	891147	891247	891347
TEXT. BLACK	890826	890926	891026	891126	891226	891326

CONNECTION SET ROUND



	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691047	691147	691247	691347	691447	691547
TEXT. BLACK	691026	691126	691226	691326	691426	691526

CONNECTION SET KOSMOS (recessed)



56 mm
Installation height 60 mm

	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691057	691157	691257	691357	691457	691557
TEXT. BLACK	691036	691136	691236	691336	691436	691536

LUDO DOWN

LEDSYSTEM HE - 2315 lm/meter - DOWN



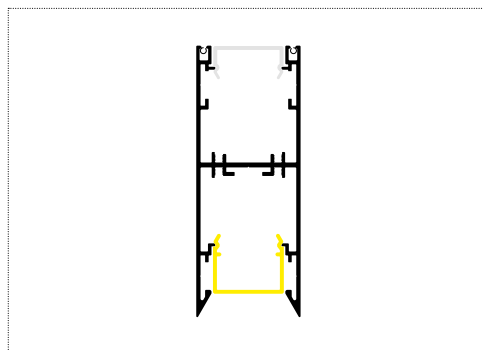
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER [W]	LENGTH /mm	LENGTH /ft
LUDO LEDSYSTEM DOWN HE 2x650lm	FROSTED POLYCARBONATE S	IP 40	681724	681720	681824	681820	681924	681920	7	560	2
LUDO LEDSYSTEM DOWN HE 3x650lm	FROSTED POLYCARBONATE S	IP 40	681734	681730	681834	681830	681934	681930	10,5	840	3
LUDO LEDSYSTEM DOWN HE 4x650lm	FROSTED POLYCARBONATE S	IP 40	681744	681740	681844	681840	681944	681940	14	1120	4
LUDO LEDSYSTEM DOWN HE 5x650lm	FROSTED POLYCARBONATE S	IP 40	681754	681750	681854	681850	681954	681950	17,5	1400	5
LUDO LEDSYSTEM DOWN HE 6x650lm	FROSTED POLYCARBONATE S	IP 40	681764	681760	681864	681860	681964	681960	21	1680	6
LUDO LEDSYSTEM DOWN HE 7x650lm	FROSTED POLYCARBONATE S	IP 40	681774	681770	681874	681870	681974	681970	24,5	1960	7
LUDO LEDSYSTEM DOWN HE 8x650lm	FROSTED POLYCARBONATE S	IP 40	681784	681780	681884	681880	681984	681980	28	2240	8
LUDO LEDSYSTEM DOWN HE 9x650lm	FROSTED POLYCARBONATE S	IP 40	681794	681790	681894	681890	681994	681990	31,5	2520	9
LUDO LEDSYSTEM DOWN HE 10x650lm	FROSTED POLYCARBONATE S	IP 40	681704	681700	681804	681800	681904	681900	35	2800	10

LEDSYSTEM HO - 3925 lm/meter - DOWN



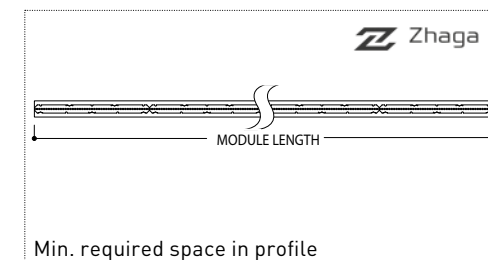
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER [W]	LENGTH /mm	LENGTH /ft
LUDO LEDSYSTEM DOWN HO 2x1100lm	FROSTED POLYCARBONATE S	IP 40	681726	681722	681826	681822	681926	681922	11,6	560	2
LUDO LEDSYSTEM DOWN HO 3x1100lm	FROSTED POLYCARBONATE S	IP 40	681736	681732	681836	681832	681936	681932	17,4	840	3
LUDO LEDSYSTEM DOWN HO 4x1100lm	FROSTED POLYCARBONATE S	IP 40	681746	681742	681846	681842	681946	681942	23,2	1120	4
LUDO LEDSYSTEM DOWN HO 5x1100lm	FROSTED POLYCARBONATE S	IP 40	681756	681752	681856	681852	681956	681952	29	1400	5
LUDO LEDSYSTEM DOWN HO 6x1100lm	FROSTED POLYCARBONATE S	IP 40	681766	681762	681866	681862	681966	681962	34,8	1680	6
LUDO LEDSYSTEM DOWN HO 7x1100lm	FROSTED POLYCARBONATE S	IP 40	681776	681772	681876	681872	681976	681972	40,6	1960	7
LUDO LEDSYSTEM DOWN HO 8x1100lm	FROSTED POLYCARBONATE S	IP 40	681786	681782	681886	681882	681986	681982	46,4	2240	8
LUDO LEDSYSTEM DOWN HO 9x1100lm	FROSTED POLYCARBONATE S	IP 40	681796	681792	681896	681892	681996	681992	52,2	2520	9
LUDO LEDSYSTEM DOWN HO 10x1100lm	FROSTED POLYCARBONATE S	IP 40	681706	681702	681806	681802	681906	681902	58	2800	10

SECTION VIEW LUDO DOWN

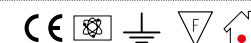


COMBINATION TABLE

		UP	
		HE	HO
DOWN	HE	●	●
	HO	●	N/A



INPUT VOLTAGE 230V AC





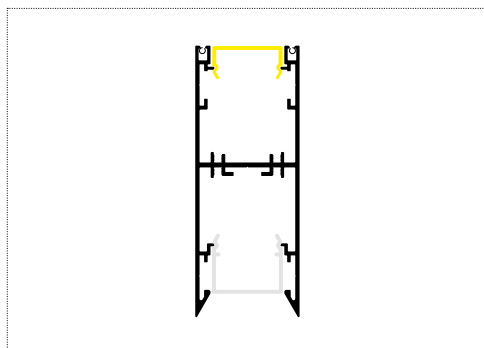
LEDSYSTEM HE - 2315 lm/meter - UP

			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
LUDO LEDSYSTEM UP HE 2x650lm	FROSTED POLYCARBONATE H	IP 40	682724	682720	682824	682820	682924	682920	7	560	2
LUDO LEDSYSTEM UP HE 3x650lm	FROSTED POLYCARBONATE H	IP 40	682734	682730	682834	682830	682934	682930	10,5	840	3
LUDO LEDSYSTEM UP HE 4x650lm	FROSTED POLYCARBONATE H	IP 40	682744	682740	682844	682840	682944	682940	14	1120	4
LUDO LEDSYSTEM UP HE 5x650lm	FROSTED POLYCARBONATE H	IP 40	682754	682750	682854	682850	682954	682950	17,5	1400	5
LUDO LEDSYSTEM UP HE 6x650lm	FROSTED POLYCARBONATE H	IP 40	682764	682760	682864	682860	682964	682960	21	1680	6
LUDO LEDSYSTEM UP HE 7x650lm	FROSTED POLYCARBONATE H	IP 40	682774	682770	682874	682870	682974	682970	24,5	1960	7
LUDO LEDSYSTEM UP HE 8x650lm	FROSTED POLYCARBONATE H	IP 40	682784	682780	682884	682880	682984	682980	28	2240	8
LUDO LEDSYSTEM UP HE 9x650lm	FROSTED POLYCARBONATE H	IP 40	682794	682790	682894	682890	682994	682990	31,5	2520	9
LUDO LEDSYSTEM UP HE 10x650lm	FROSTED POLYCARBONATE H	IP 40	682704	682700	682804	682800	682904	682900	35	2800	10

LEDSYSTEM HO - 3925 lm/meter - UP

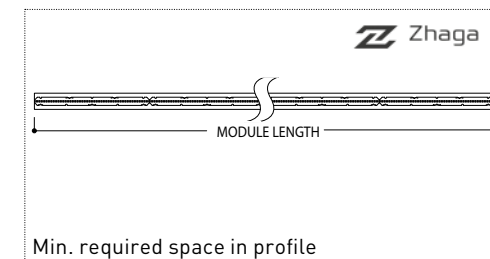
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
LUDO LEDSYSTEM UP HO 2x1100lm	FROSTED POLYCARBONATE H	IP 40	682726	682722	682826	682822	682926	682922	11,6	560	2
LUDO LEDSYSTEM UP HO 3x1100lm	FROSTED POLYCARBONATE H	IP 40	682736	682732	682836	682832	682936	682932	17,4	840	3
LUDO LEDSYSTEM UP HO 4x1100lm	FROSTED POLYCARBONATE H	IP 40	682746	682742	682846	682842	682946	682942	23,2	1120	4
LUDO LEDSYSTEM UP HO 5x1100lm	FROSTED POLYCARBONATE H	IP 40	682756	682752	682856	682852	682956	682952	29	1400	5
LUDO LEDSYSTEM UP HO 6x1100lm	FROSTED POLYCARBONATE H	IP 40	682766	682762	682866	682862	682966	682962	34,8	1680	6
LUDO LEDSYSTEM UP HO 7x1100lm	FROSTED POLYCARBONATE H	IP 40	682776	682772	682876	682872	682976	682972	40,6	1960	7
LUDO LEDSYSTEM UP HO 8x1100lm	FROSTED POLYCARBONATE H	IP 40	682786	682782	682886	682882	682986	682982	46,4	2240	8
LUDO LEDSYSTEM UP HO 9x1100lm	FROSTED POLYCARBONATE H	IP 40	682796	682792	682896	682892	682996	682992	52,2	2520	9
LUDO LEDSYSTEM UP HO 10x1100lm	FROSTED POLYCARBONATE H	IP 40	682706	682702	682806	682802	682906	682902	58	2800	10

SECTION VIEW LUDO UP

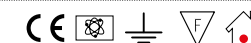


COMBINATION TABLE

		DOWN	
		HE	HO
UP	HE	●	●
	HO	●	N/A



INPUT VOLTAGE 230V AC



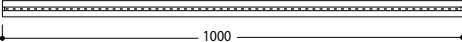


profiles



MODULE LEDLINE/M CR (converter can be incorporated)



		24V DC					     				
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
DOWN (diffuser S)	682179	682173	682172	682175	682170	682174	682145	682155	682165	682185	682195
UP (diffuser H)	682079	682073	682072	682075	682070	682074	682045	682055	682065	682085	682095
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14,4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

CONVERTER p.550

'TROUGH LED' POLYCARBONATE DIFFUSER INCLUDED

INTEGRATED CONVERTOR

input 230 V-AC output 24V-DC power 20W		fits in Ludo profile (no extra space required)	
      			
		1-10V DIMM	
LUDO CONVERTOR MODULE		692910	

INTEGRATED CONVERTOR

input 230 V-AC output 24V-DC power 60W		fits in Ludo profile (no extra space required)	
      			
		NOT DIMM	DALI DIMM
LUDO CONVERTOR MODULE		692930	692950

profiles

LUDO DOWN

MODULE 1 x LUXEON M

LUXEON M 3,82W
230 V - AC
400 lumen

A++

	2700K	3000K
TEXT. WHITE	683202	683262
TEXT. BLACK	683203	683263
GOLD	683205	683265

810847

COVER TEXT. WHITE P/M

810826

COVER TEXT. BLACK P/M

MODULE 2 x LUXEON M

LUXEON M 2 x 3,82W
230 V - AC
2 x 400 lumen

A++

	2700K	3000K
TEXT. WHITE	683206	683266
TEXT. BLACK	683207	683267
GOLD	683209	683268

810847

COVER TEXT. WHITE P/M

810826

COVER TEXT. BLACK P/M

MODULE 3 x LUXEON M

LUXEON M 3 x 3,82W
230 V - AC
3 x 400 lumen

A++

	2700K	3000K
TEXT. WHITE	683212	683272
TEXT. BLACK	683213	683273
GOLD	683215	683275

810847

COVER TEXT. WHITE P/M

810826

COVER TEXT. BLACK P/M

MODULE 4 x LUXEON M

--	--



All distances between led modules are always minimum dimensions

LUDO DOWN

profiles

MODULE 1 x BULLED

 LUXEON M 3,82W
230 V - AC
400 lumen

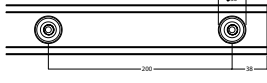
A++

CE   IP 20   

	2700K	3000K
TEXT. WHITE	684202	684262
TEXT. BLACK	684203	684263
BLACK + GOLD	684205	684265

810147 COVER TEXT. WHITE P/M
810126 COVER TEXT. BLACK P/M

MODULE 2 x BULLED

 LUXEON M 2 x 3,82W
230 V - AC
2 x 400 lumen

A++

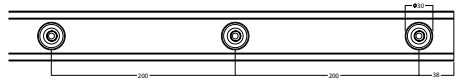
CE   IP 20   

	2700K	3000K
TEXT. WHITE	684206	684266
TEXT. BLACK	684207	684267
BLACK + GOLD	684209	684268

810147 COVER TEXT. WHITE P/M
810126 COVER TEXT. BLACK P/M



MODULE 3 x BULLED

 LUXEON M 3 x 3,82W
230 V - AC
3 x 400 lumen

A++

CE   IP 20   

	2700K	3000K
TEXT. WHITE	684212	684272
TEXT. BLACK	684213	684273
BLACK + GOLD	684215	684275

810147 COVER TEXT. WHITE P/M
810126 COVER TEXT. BLACK P/M

MODULE 4 x BULLED

 LUXEON M 4 x 3,82W - 230 V - AC
4 x 400 lumen

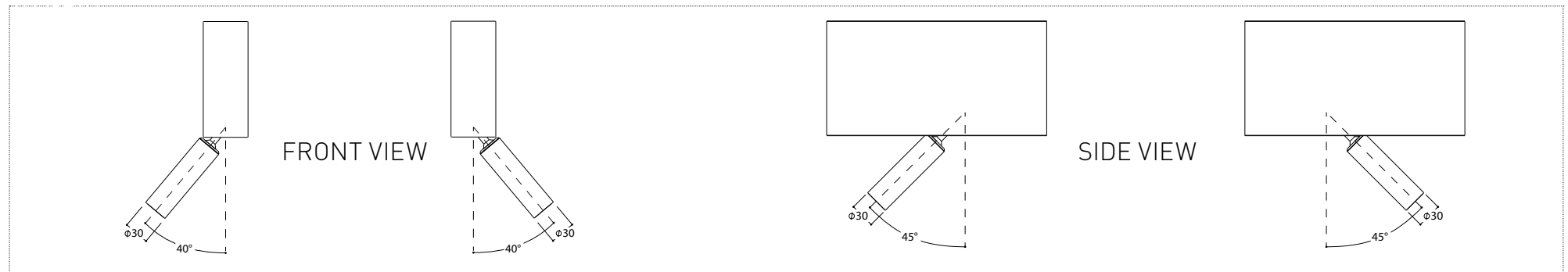
A++

CE   IP 20   

	2700K	3000K
TEXT. WHITE	684216	684276
TEXT. BLACK	684217	684277
BLACK + GOLD	684219	684279

810147 COVER TEXT. WHITE P/M
810126 COVER TEXT. BLACK P/M

MAXIMUM TILT ANGLES



All distances between led modules are always minimum dimensions





REQUEST CUSTOMER

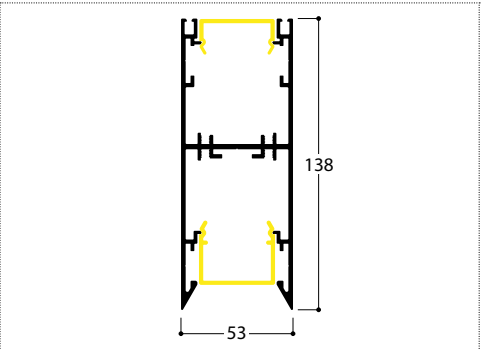
SMALL UP/DOWN PROFILE
1 CIRCUIT
TEXT. WHITE COLOR
COLOR TEMPERATURE 2700K
COMBINATION LED SYSTEM AND ADJUSTABLE SPOTLIGHT



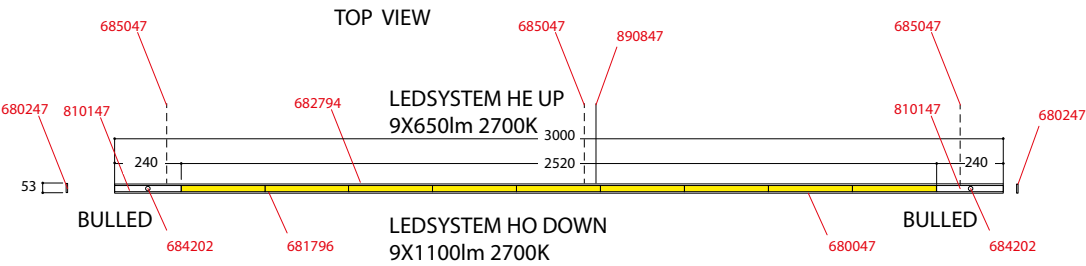
ORDERFORM

REFERENCE	DESCRIPTION	PCS / M
680047	PROFILE	3
680247	ENDCAP	2
682794	MODULE LEDSYSTEM HE UP 9X650Lm 2700K	1
681796	MODULE LEDSYSTEM HO DOWN 9X1100Lm 2700K	1
684202	MODULE 1X BULLED	1
810147	ALU COVER	0,48
685047	SUSPENSION SET	3
691047	CONNECTION SET ROUND	1

SECTION VIEW



DRAWING



OSCAR

design by Kurt Wallaey

profiles



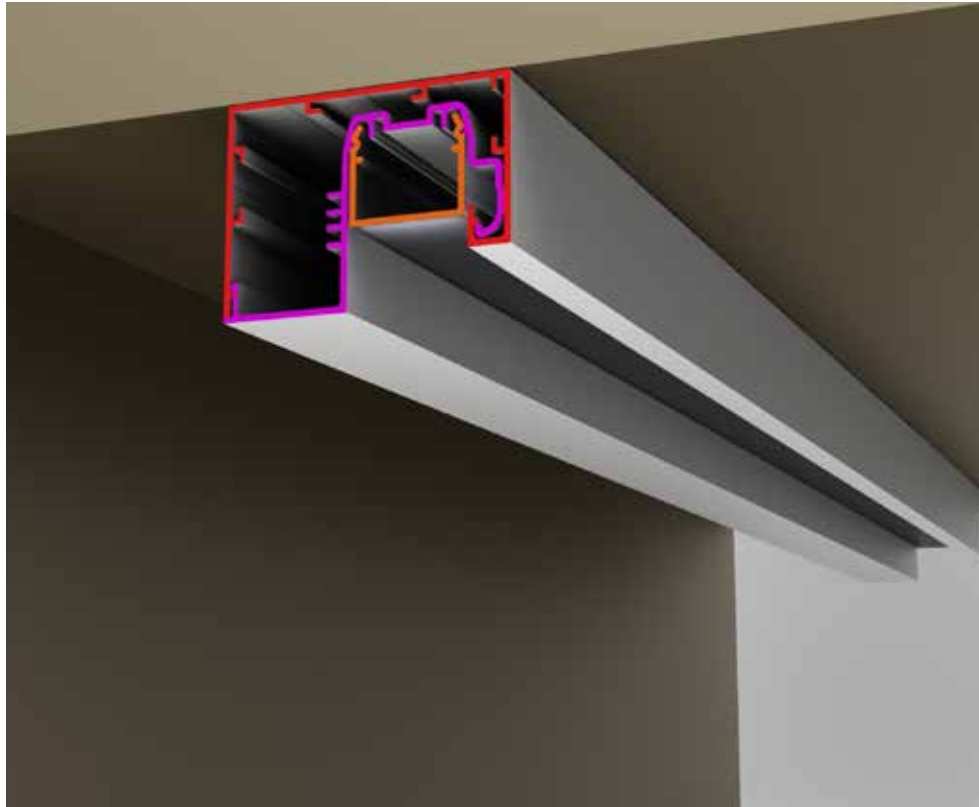
« OSCAR refers to the legendary bull on which only a few bull riders could complete the regular 8 seconds ride, hence becoming a real legend. But OSCAR was also known as “the small bucking bull”, only weighing 1300pounds, very elegant yet performing and with an atypical violent spin to the left. The undefeated OSCAR has built himself a legendary status. »

I wanted to design an entirely new and atypical lighting profile, different from all existing ones. It had to be shiny and elegant, but strong as a bull and containing a twist.

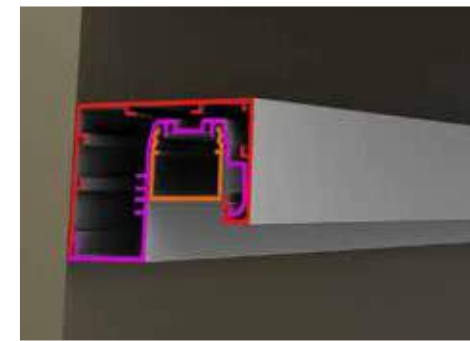
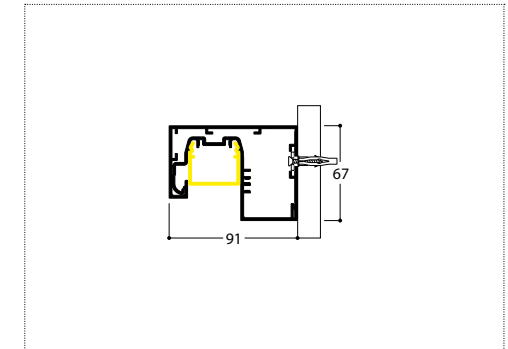
Thus **OSCAR** was conceived as an asymmetrical lighting profile, which contains an atypical spinning-possibility. This permits that the profile can be opened at any time, without having to demount the whole profile. The profile can even remain open during the mounting phase in order to make all the necessary electrical connections. This unique spinning possibility together with a world of equipment possibilities and an unlimited range of different types of mounting gears, will eventually make that **OSCAR** - as an asymmetrical lighting profile - is destined to become a strong player on the functional and design lighting scene.



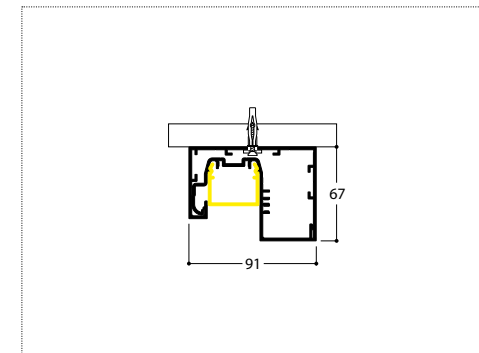




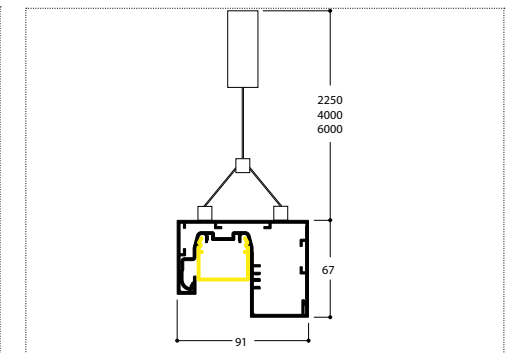
SECTION VIEW WALL



SECTION VIEW CEILING



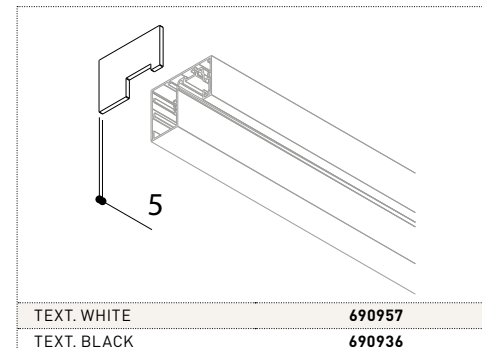
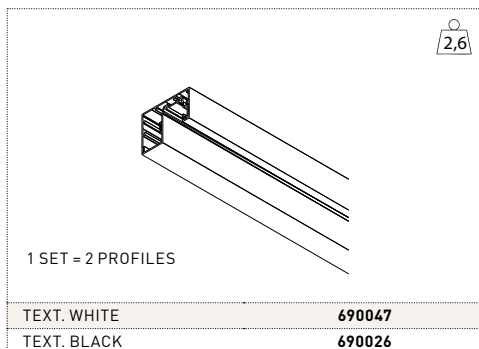
SECTION VIEW SUSPENDED



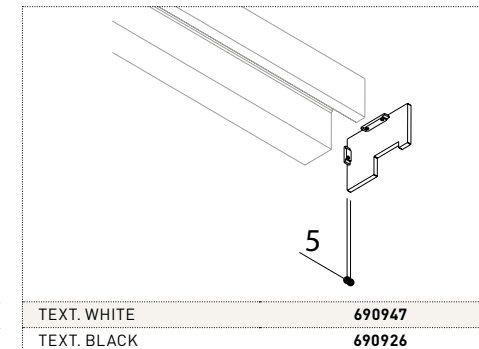
PROFILES/ m



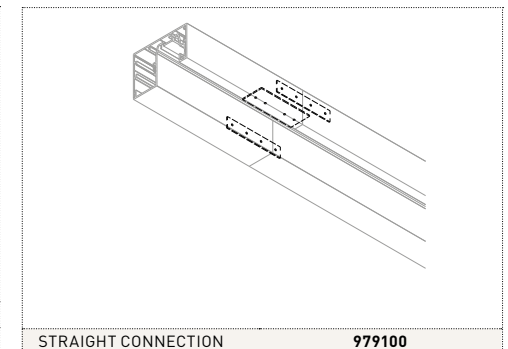
ENDCAP LEFT



ENDCAP RIGHT



STRAIGHT CONNECTION

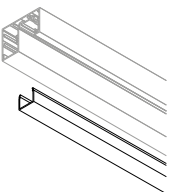


profiles

design by Kurt Wallaey **OSCAR**

ALU COVER/ m

TO BE USED IN EMPTY PROFILE SPACES

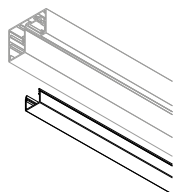


0,4

TEXT. WHITE	810147
TEXT. BLACK	810126

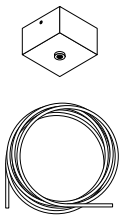
DIFFUSER/ m

TO BE USED IN EMPTY PROFILE SPACES



DIFFUSER FROSTED PC	810106
---------------------	---------------

CONNECTION SET SQUARE



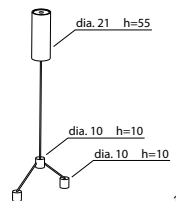
	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	890847	890947	891047	891147	891247	891347
TEXT. BLACK	890826	890926	891026	891126	891226	891326

EXTRA CIRCUIT/ m



COMMON NEUTRAL	892630
NO COMMON NEUTRAL	892631
SAME LENGTH AS PROFILE	

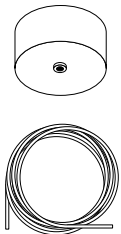
SUSPENSION SINGLE



1 suspension/ 1 m profile
min. 2 suspensions

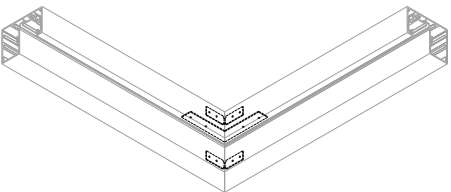
	2,25 m	4 m	6 m
TEXT. WHITE	695047	695147	695247
TEXT. BLACK	695026	695126	695226

CONNECTION SET ROUND



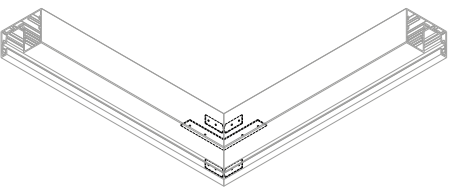
	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691047	691147	691247	691347	691447	691547
TEXT. BLACK	691026	691126	691226	691326	691426	691526

INNER CORNER



CORNER 90°	979200
CORNER 135°	979300
CORNER 45-85° on request	979400

OUTER CORNER



CORNER 270°	979210
CORNER 315°	979310
CORNER 225-265° on request	979410

CONNECTION SET KOSMOS (recessed)



56 mm
Installation height 60 mm

	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691057	691157	691257	691357	691457	691557
TEXT. BLACK	691036	691136	691236	691336	691436	691536

LEDSYSTEM HE - 2315 lm/meter

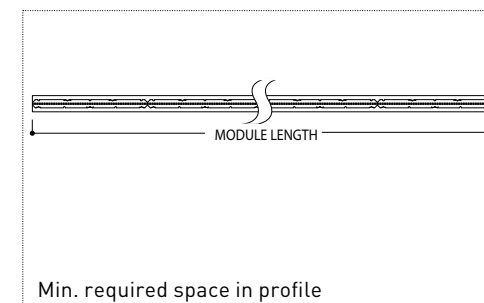


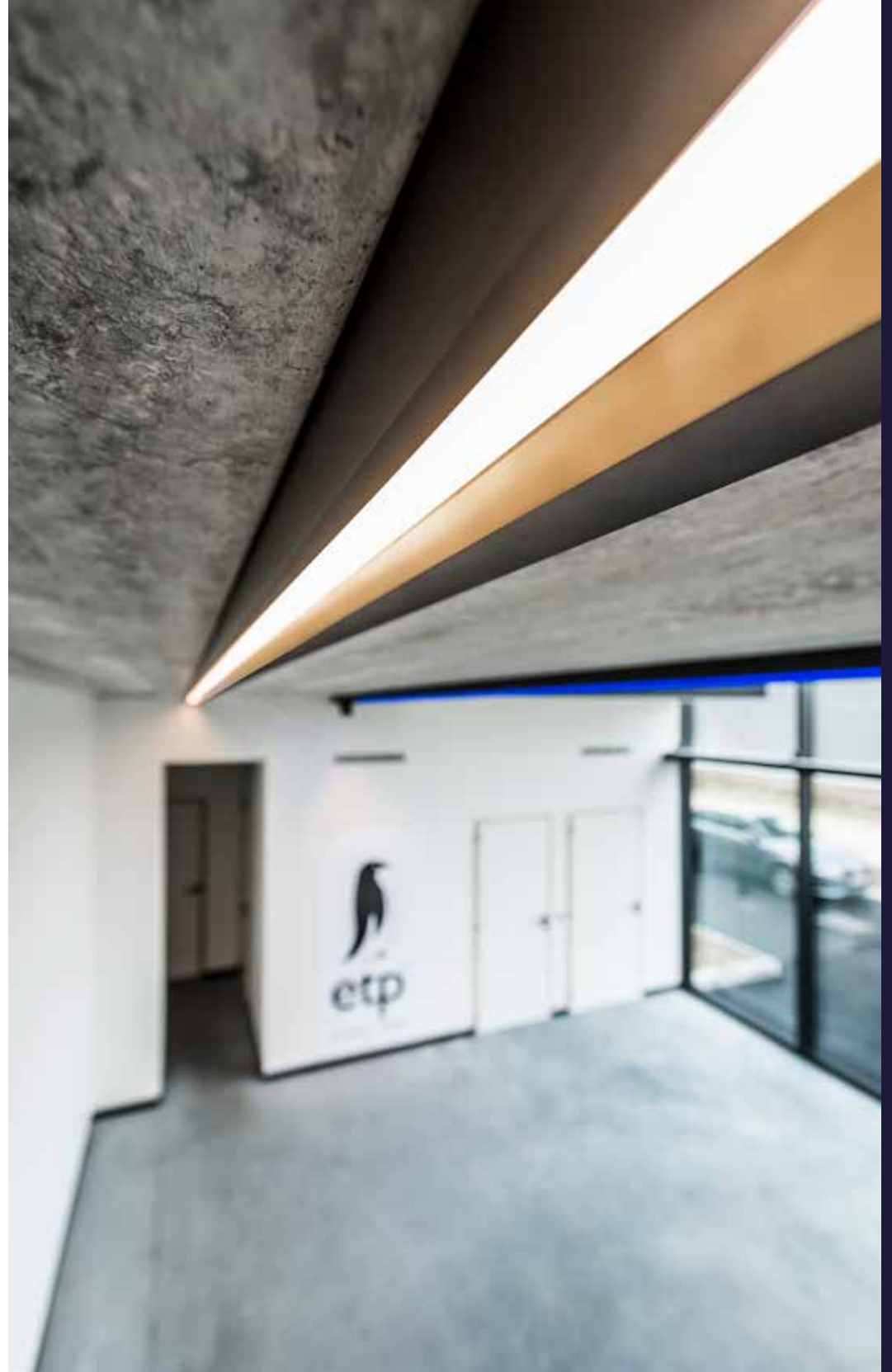
			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	MODULE LENGTH /mm	MODULE LENGTH /ft
OSCAR LEDSYSTEM HE 2x650lm	FROSTED POLYCARBONATE	IP 40	691724	691720	691824	691820	691924	691920	7	560	2
OSCAR LEDSYSTEM HE 3x650lm	FROSTED POLYCARBONATE	IP 40	691734	691730	691834	691830	691934	691930	10,5	840	3
OSCAR LEDSYSTEM HE 4x650lm	FROSTED POLYCARBONATE	IP 40	691744	691740	691844	691840	691944	691940	14	1120	4
OSCAR LEDSYSTEM HE 5x650lm	FROSTED POLYCARBONATE	IP 40	691754	691750	691854	691850	691954	691950	17,5	1400	5
OSCAR LEDSYSTEM HE 6x650lm	FROSTED POLYCARBONATE	IP 40	691764	691760	691864	691860	691964	691960	21	1680	6
OSCAR LEDSYSTEM HE 7x650lm	FROSTED POLYCARBONATE	IP 40	691774	691770	691874	691870	691974	691970	24,5	1960	7
OSCAR LEDSYSTEM HE 8x650lm	FROSTED POLYCARBONATE	IP 40	691784	691780	691884	691880	691984	691980	28	2240	8
OSCAR LEDSYSTEM HE 9x650lm	FROSTED POLYCARBONATE	IP 40	691794	691790	691894	691890	691994	691990	31,5	2520	9
OSCAR LEDSYSTEM HE 10x650lm	FROSTED POLYCARBONATE	IP 40	691704	691700	691804	691800	691904	691900	35	2800	10

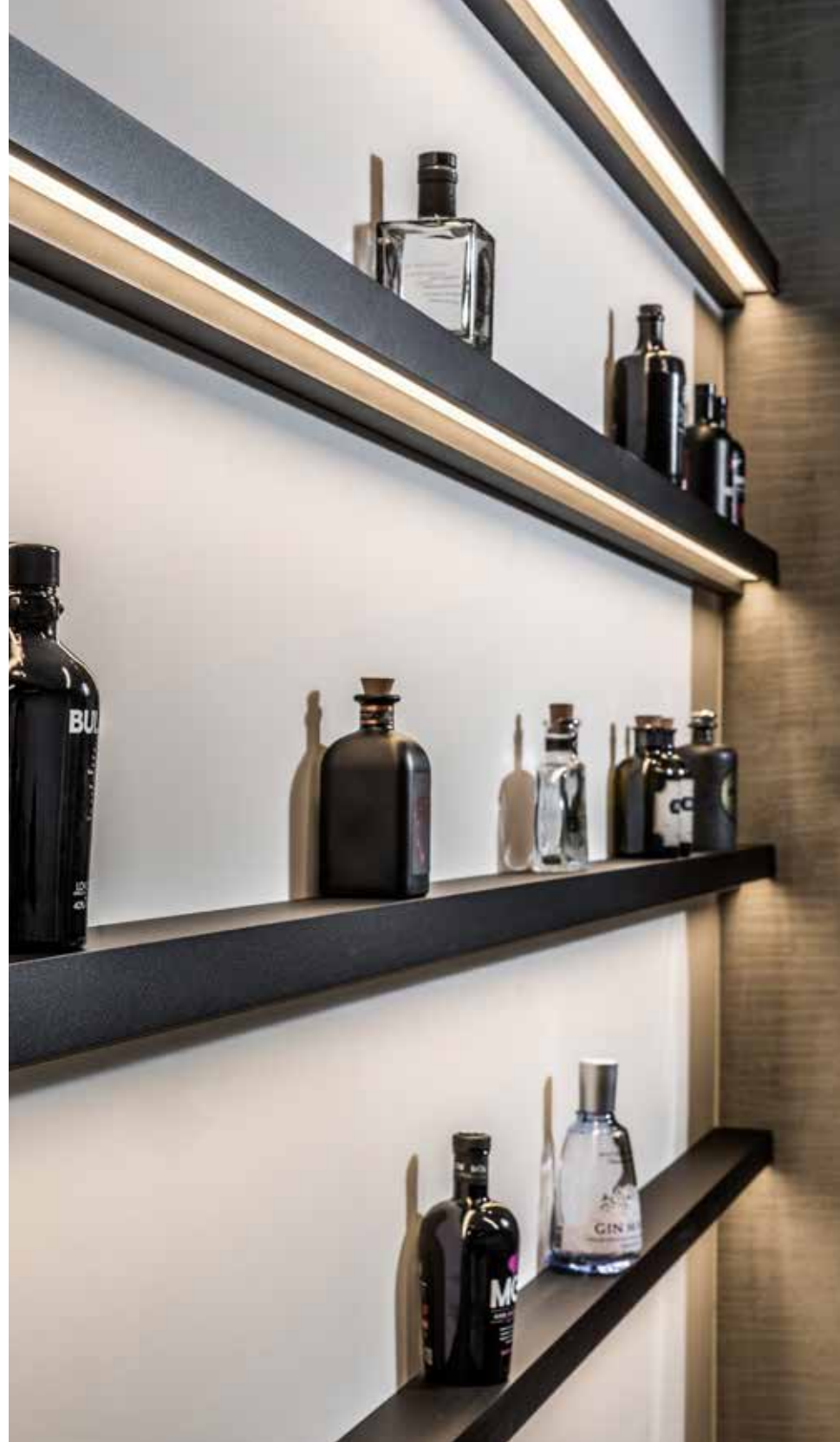
LEDSYSTEM HO - 3925 lm/meter



			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	MODULE LENGTH /mm	MODULE LENGTH /ft
OSCAR LEDSYSTEM HO 2x1100lm	FROSTED POLYCARBONATE	IP 40	691726	691722	691826	691822	691926	691922	11,6	560	2
OSCAR LEDSYSTEM HO 3x1100lm	FROSTED POLYCARBONATE	IP 40	691736	691732	691836	691832	691936	691932	17,4	840	3
OSCAR LEDSYSTEM HO 4x1100lm	FROSTED POLYCARBONATE	IP 40	691746	691742	691846	691842	691946	691942	23,2	1120	4
OSCAR LEDSYSTEM HO 5x1100lm	FROSTED POLYCARBONATE	IP 40	691756	691752	691856	691852	691956	691952	29	1400	5
OSCAR LEDSYSTEM HO 6x1100lm	FROSTED POLYCARBONATE	IP 40	691766	691762	691866	691862	691966	691962	34,8	1680	6
OSCAR LEDSYSTEM HO 7x1100lm	FROSTED POLYCARBONATE	IP 40	691776	691772	691876	691872	691976	691972	40,6	1960	7
OSCAR LEDSYSTEM HO 8x1100lm	FROSTED POLYCARBONATE	IP 40	691786	691782	691886	691882	691986	691982	46,4	2240	8
OSCAR LEDSYSTEM HO 9x1100lm	FROSTED POLYCARBONATE	IP 40	691796	691792	691896	691892	691996	691992	52,2	2520	9
OSCAR LEDSYSTEM HO 10x1100lm	FROSTED POLYCARBONATE	IP 40	691706	691702	691806	691802	691906	691902	58	2800	10









MODULE LEDLINE/M



		CE IP 40									
Color Temperature	2700K		3000K		4000K		RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Frosted diffuser	692179	692173	692172	692175	692170	692174	692145	692155	692165	692185	692195
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14,4W/ m
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm	50 mm	50 mm	50 mm	50 mm	100 mm

CONVERTER p.550

FROSTED POLYCARBONATE DIFFUSER INCLUDED

INTEGRATED CONVERTOR

input 230 V-AC output 24V-DC power 20W	fits in Oscar profile (no extra space required)						
	CE			IP 20			
	1-10V DIMM						
OSCAR CONVERTOR MODULE	692910						

INTEGRATED CONVERTOR

input 230 V-AC output 24V-DC power 60W	fits in Oscar profile (no extra space required)		
	CE IP 20 0,2	NOT DIMM	DALI DIMM
OSCAR CONVERTOR MODULE	692930	692940	692950





MODULE 1 x LUXEON M

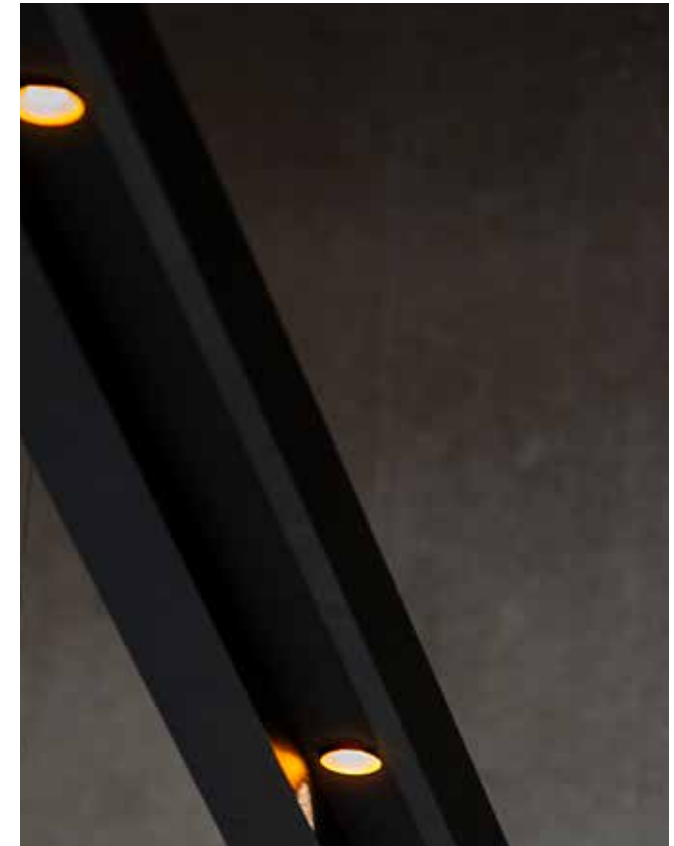


A++		
	2700K	3000K
TEXT. WHITE	693202	693262
TEXT. BLACK	693203	693263
GOLD	693205	693265
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		

MODULE 2 x LUXEON M



A++		
	2700K	3000K
TEXT. WHITE	693206	693266
TEXT. BLACK	693207	693267
GOLD	693209	693269
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		



MODULE 3 x LUXEON M



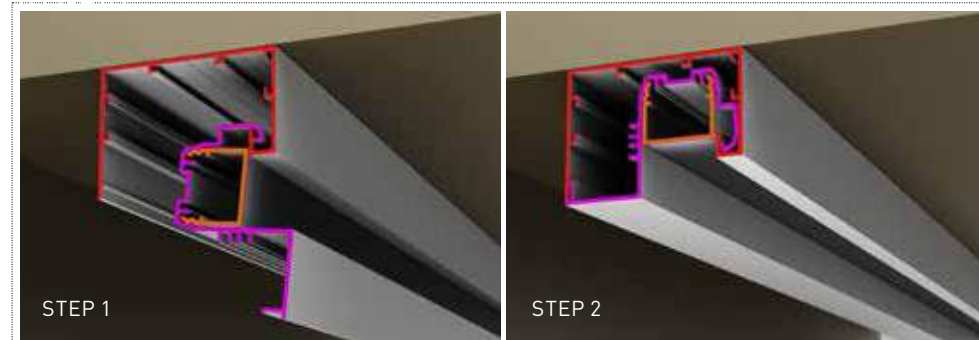
A++		
	2700K	3000K
TEXT. WHITE	693212	693272
TEXT. BLACK	693213	693273
GOLD	693215	693275
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		

MODULE 4 x LUXEON M

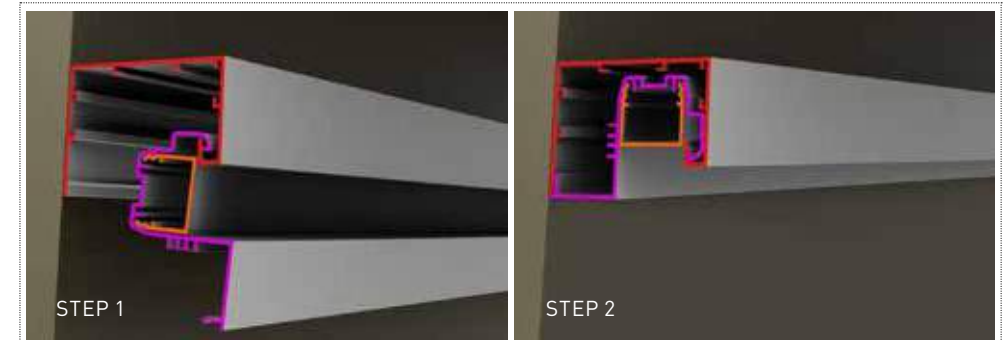


A++		
	2700K	3000K
TEXT. WHITE	693216	693276
TEXT. BLACK	693217	693277
GOLD	693219	693279
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		

EASY CEILING installation & maintenance



EASY WALL installation & maintenance



All distances between led modules are always minimum dimensions



MODULE 1 x BULLED



 LUXEON M 3,82W 230 V - AC 400 lumen		
A++ CE   IP 20   		
	2700K	3000K
TEXT. WHITE	694202	694262
TEXT. BLACK	694203	694263
BLACK + GOLD	694205	694265
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		

MODULE 2 x BULLED



 LUXEON M 2 x 3,82W 230 V - AC 2 x 400 lumen		
A++ CE   IP 20   		
	2700K	3000K
TEXT. WHITE	694206	694266
TEXT. BLACK	694207	694267
BLACK + GOLD	694209	694269
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		

MODULE 3 x BULLED



 LUXEON M 3 x 3,82W 230 V - AC 3 x 400 lumen		
A++ CE   IP 20   		
	2700K	3000K
TEXT. WHITE	694212	694272
TEXT. BLACK	694213	694273
BLACK + GOLD	694215	694275
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		

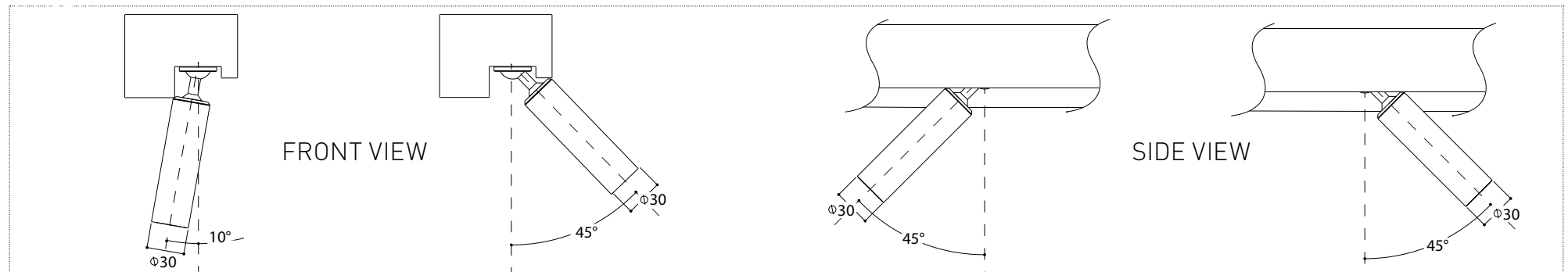
MODULE 4 x BULLED



 LUXEON M 4 x 3,82W - 230 V - AC 4 x 400 lumen		
A++ CE   IP 20   		
	2700K	3000K
TEXT. WHITE	694216	694276
TEXT. BLACK	694217	694277
BLACK + GOLD	694219	694279
810147 COVER TEXT. WHITE P/M 810126 COVER TEXT. BLACK P/M		



MAXIMUM TILT ANGLES



All distances between led modules are always minimum dimensions





HOW TO COMPOSE OSCAR

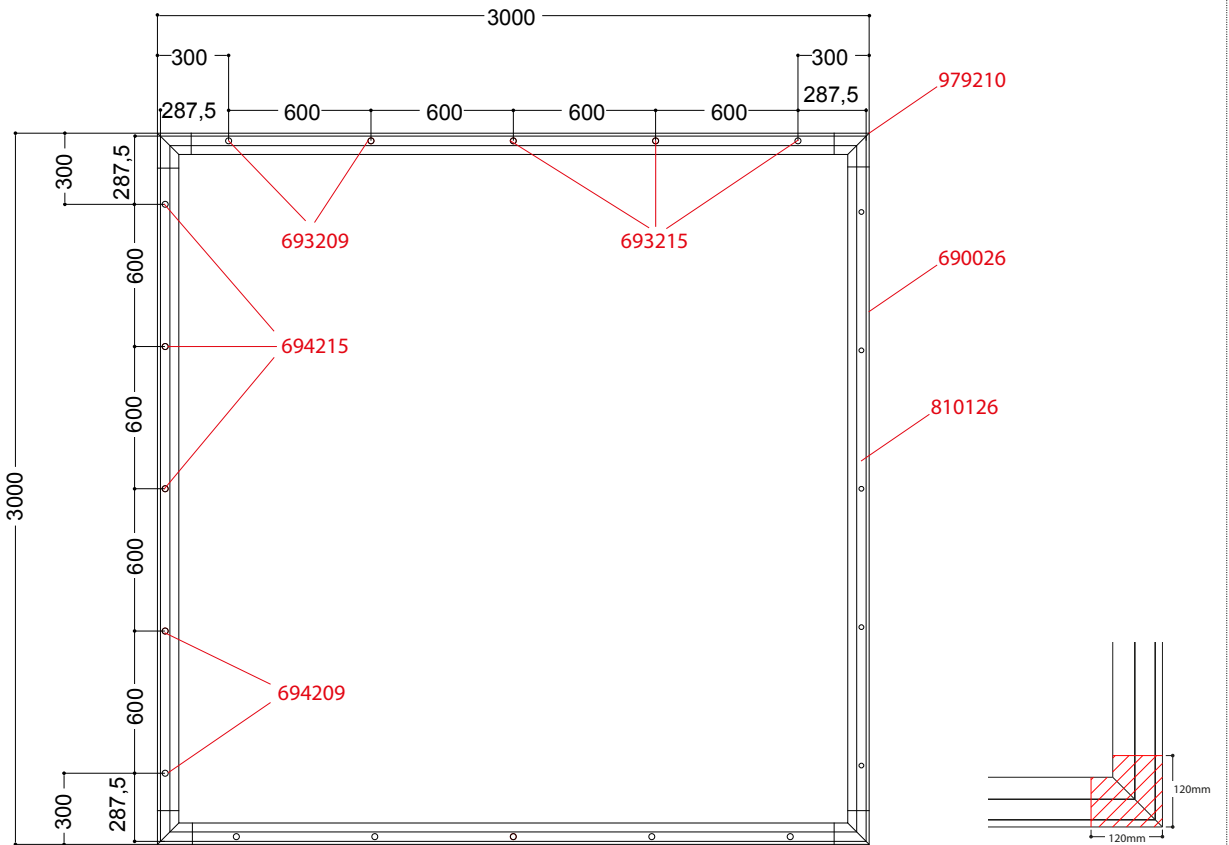
REQUEST CUSTOMER

OSCAR PROFILE
1 CIRCUIT
TEXT. BLACK COLOR
SQUARE SHAPE
COLOR TEMPERATURE 2700K
COMBINATION OF FIXED AND ORIENTABLE SPOTS
ALL LIGHTS BLACK & GOLD

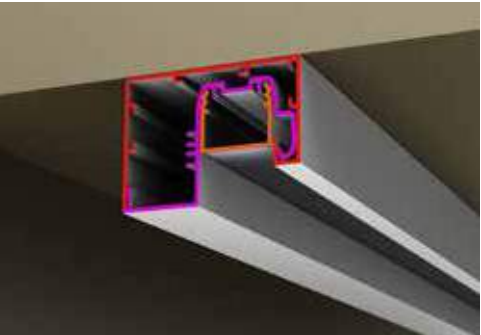
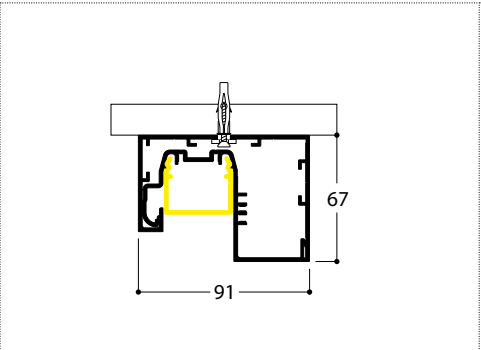
ORDERFORM

REFERENCE	DESCRIPTION	PCS or M
690026	PROFILE SET (2 PROFILES)	12 (3 + 3 + 3 + 3)
810126	ALU COVER	12 (3 + 3 + 3 + 3)
694209	MODULE 2 X BULLED 2700K	2
694215	MODULE 3 X BULLED 2700K	2
693209	MODULE 2 X LUXEON 2700K	2
693215	MODULE 3 X LUXEON 2700K	2
979210	OUTER CORNER 90°	4

DRAWING

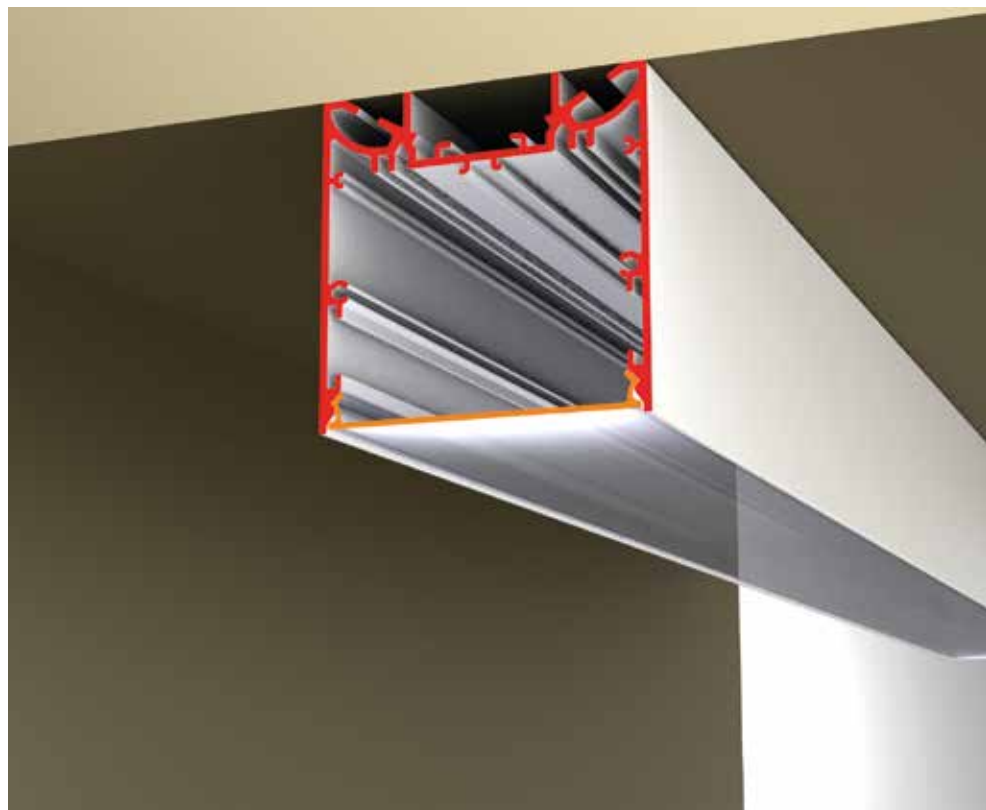


SECTION VIEW



DORMENT

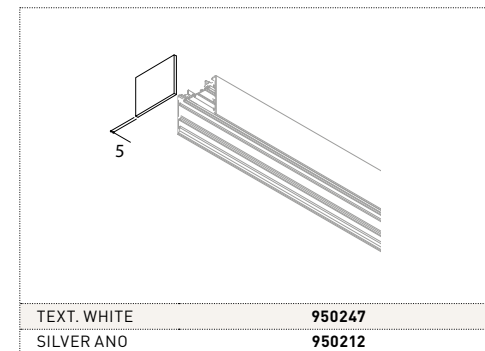
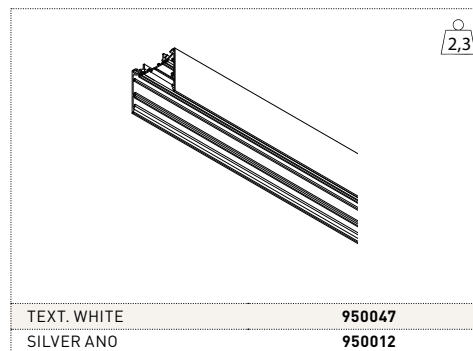
profiles



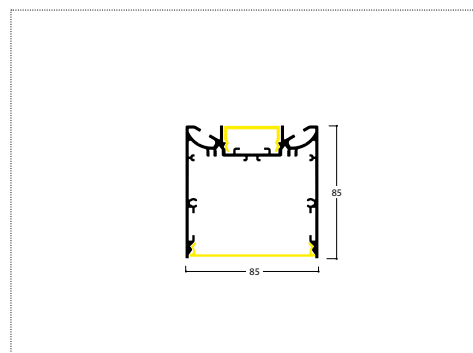
PROFILE/ m



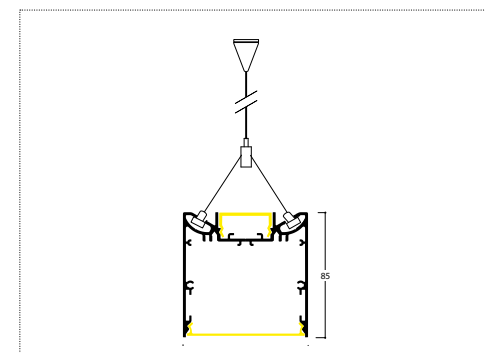
ENDCAP



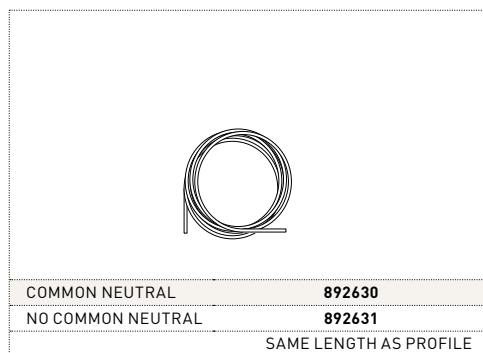
SECTION VIEW SURFACE



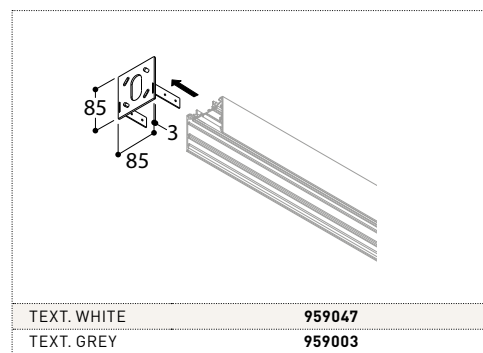
SECTION VIEW SUSPENDED



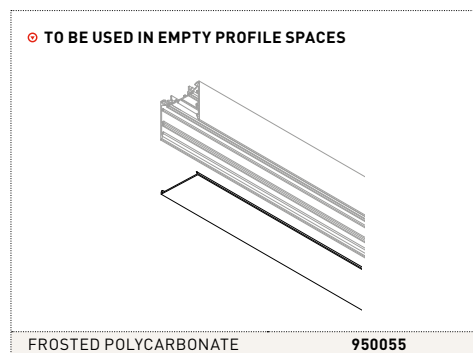
EXTRA CIRCUIT/ m



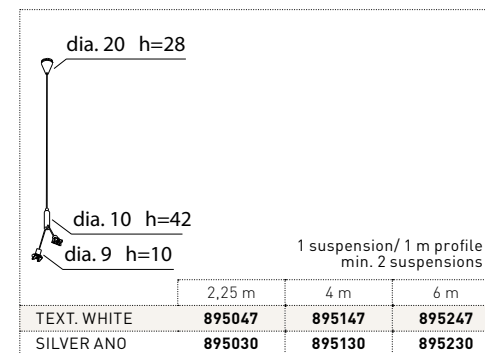
WALL FIXATION



DIFFUSER/ m



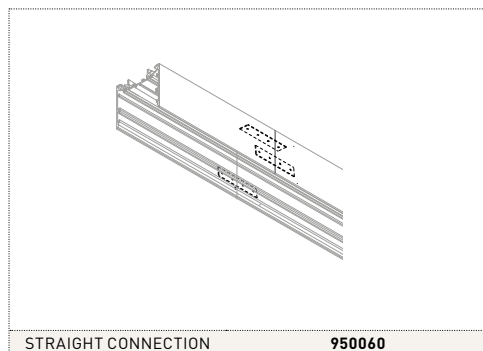
SUSPENSION KIT



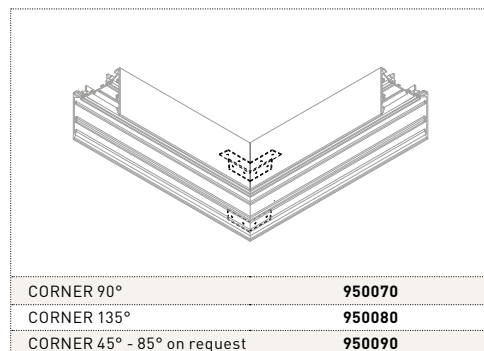
profiles

DORMENT

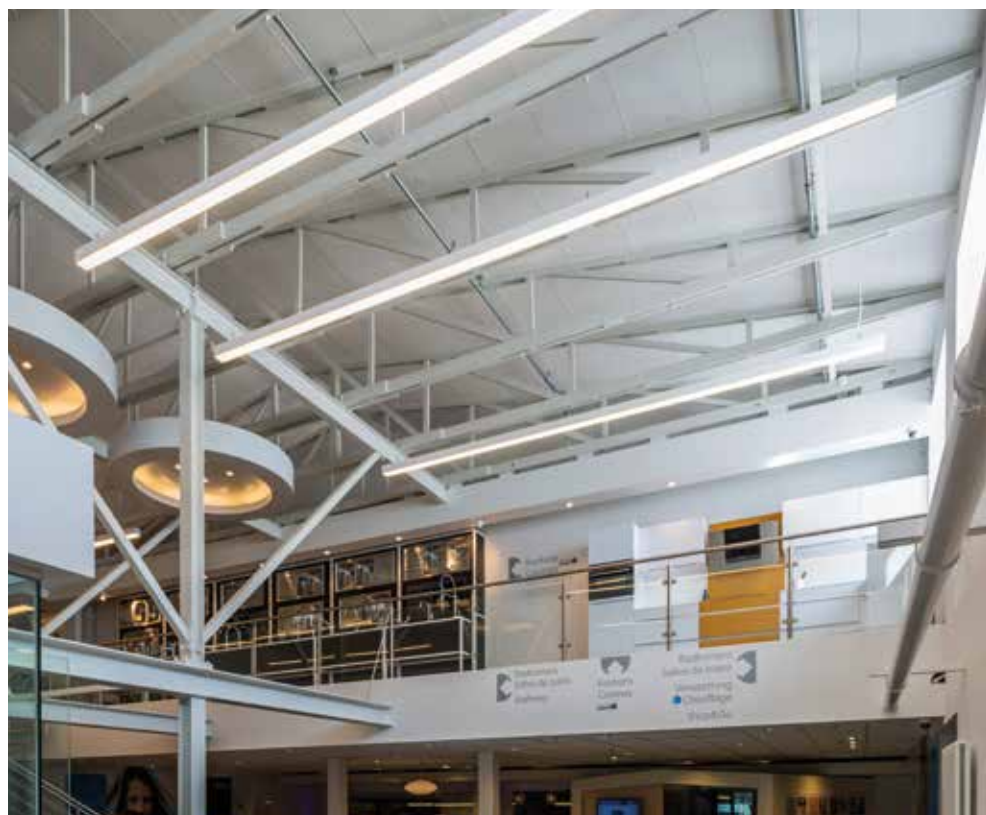
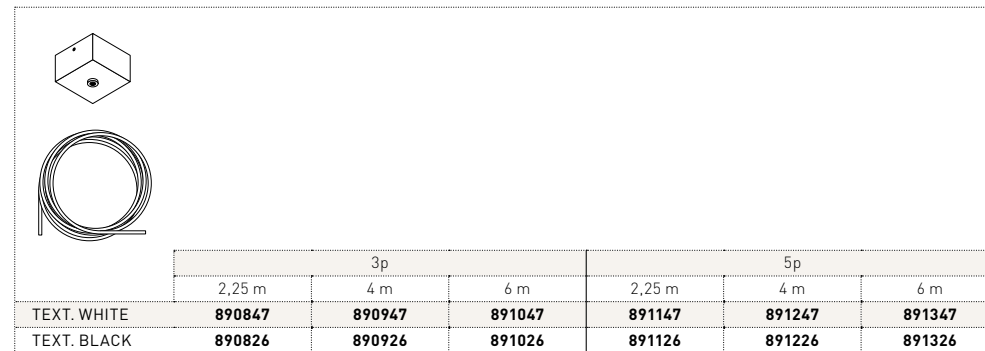
STRAIGHT CONNECTION



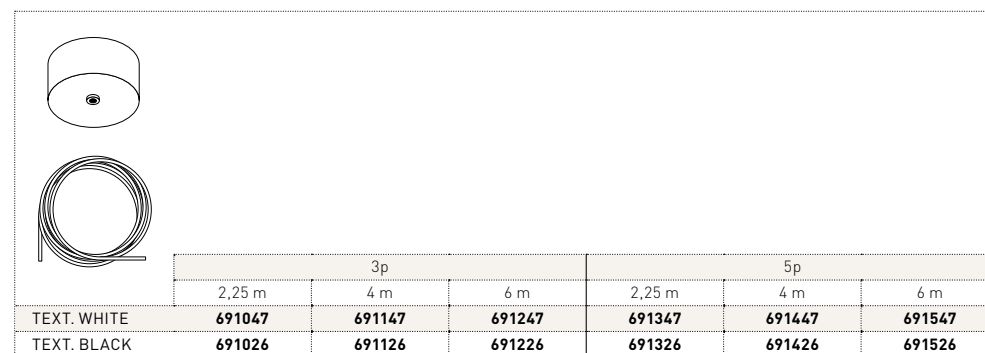
CORNER



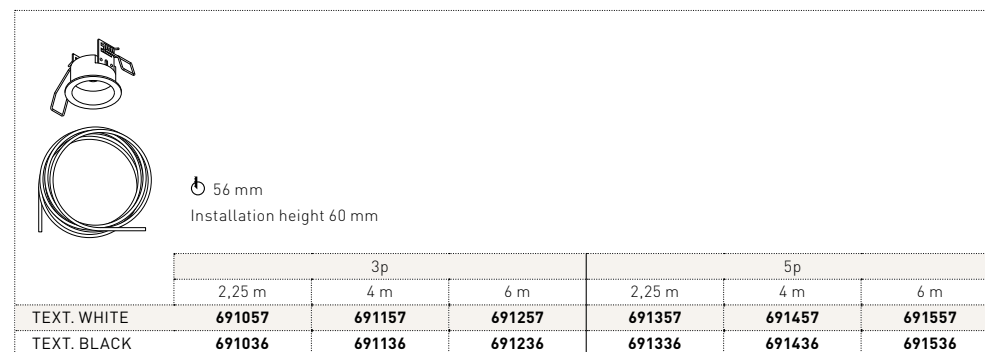
CONNECTION SET SQUARE



CONNECTION SET ROUND



CONNECTION SET KOSMOS (recessed)



DORMENT

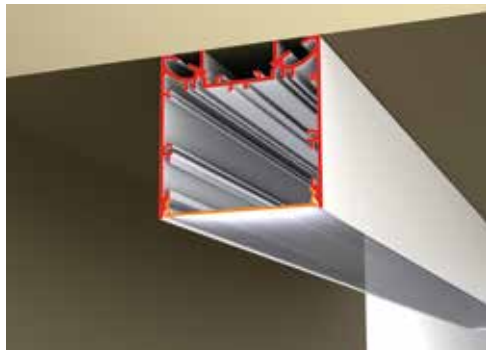
LEDSYSTEM DOUBLE ROW HE - 2315 lm/meter

profiles

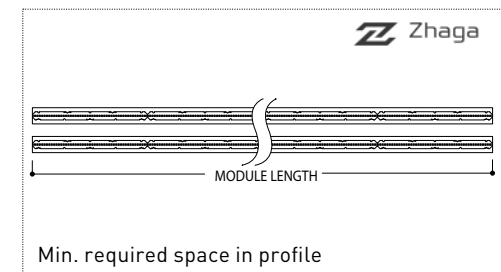
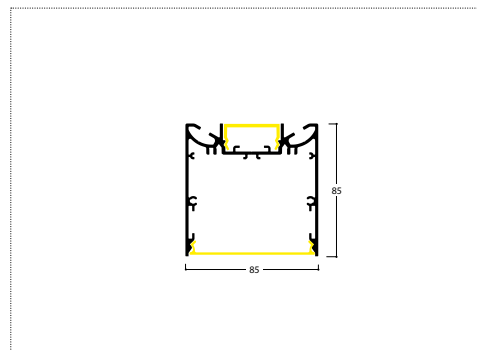


			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
DORMENT OPAL LEDSYSTEM HE 2x 2x650lm	FROSTED POLYCARBONATE	IP 40	950726	950722	950724	950720	950725	950721	14	560	2
DORMENT OPAL LEDSYSTEM HE 2x 3x650lm	FROSTED POLYCARBONATE	IP 40	950736	950732	950734	950730	950735	950731	21	840	3
DORMENT OPAL LEDSYSTEM HE 2x 4x650lm	FROSTED POLYCARBONATE	IP 40	950746	950742	950744	950740	950745	950741	28	1120	4
DORMENT OPAL LEDSYSTEM HE 2x 5x650lm	FROSTED POLYCARBONATE	IP 40	950756	950752	950754	950750	950755	950751	35	1400	5
DORMENT OPAL LEDSYSTEM HE 2x 6x650lm	FROSTED POLYCARBONATE	IP 40	950766	950762	950764	950760	950765	950761	42	1680	6
DORMENT OPAL LEDSYSTEM HE 2x 7x650lm	FROSTED POLYCARBONATE	IP 40	950776	950772	950774	950770	950775	950771	49	1960	7
DORMENT OPAL LEDSYSTEM HE 2x 8x650lm	FROSTED POLYCARBONATE	IP 40	950786	950782	950784	950780	950785	950781	56	2240	8
DORMENT OPAL LEDSYSTEM HE 2x 9x650lm	FROSTED POLYCARBONATE	IP 40	950796	950792	950794	950790	950795	950791	63	2520	9
DORMENT OPAL LEDSYSTEM HE 2x 10x650lm	FROSTED POLYCARBONATE	IP 40	950706	950702	950704	950700	950705	950701	70	2800	10

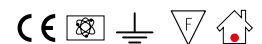
DORMENT



SECTION VIEW



INPUT VOLTAGE 230V AC



profiles

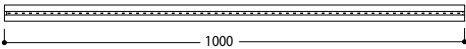
MODULE LEDLINE/ m UP

DORMENT



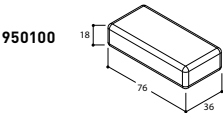
Color Temperature	2700K	3000K	4000K	RED	AMBER	GREEN	ROYAL BLUE	RGB
	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER	MEDIUM POWER
Reference diffuser H	819216	819226	819236	819285	819286	819287	819288	819095
Power	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	9,6W/ m	14.4W/ m
Lumen output	672 lm/ m	710 lm/ m	740 lm/ m	170 lm/ m	180 lm/ m	400 lm/ m	160 lm/ m	480lm/ m
CRI	92	92	92	n/a	n/a	n/a	n/a	n/a
Max. length 1 powerfeed	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres	5 metres
Min. cutting length	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm	100 mm

LEDLINE can be cut every 50 mm



24V DC

- BUILT IN CONVERTER MODULE 230V 10VA
- In combination with T5 modules no extra space required.
- 1 module per 2 m ledline.





HOW TO COMPOSE DORMENT

REQUEST CUSTOMER

SMALL DOUBLE LAMP PROFILE APPROX 2,8 M
TEXTURED WHITE
LED SYSTEM
DALI DIMMABLE

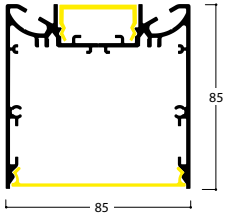


ORDERFORM

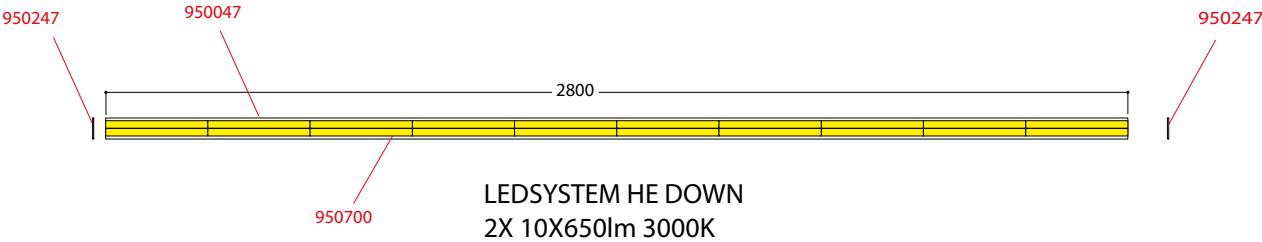
REFERENCE	DESCRIPTION	PCS / M
950047	PROFILE TEXT. WHITE	2,8
950247	ENDCAP TEXT. WHITE	2
950700	LED SYSTEM HE DOWN 2X 10X650LUMEN - 3000K - DALI DIMM	1

DRAWING

SECTION VIEW



TOP VIEW



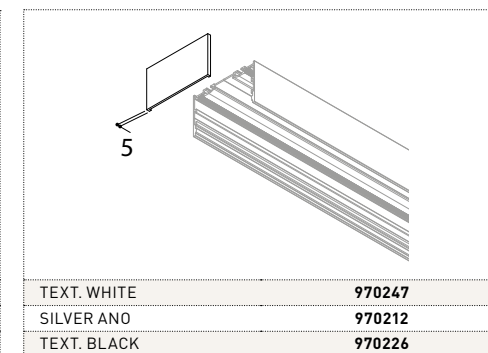
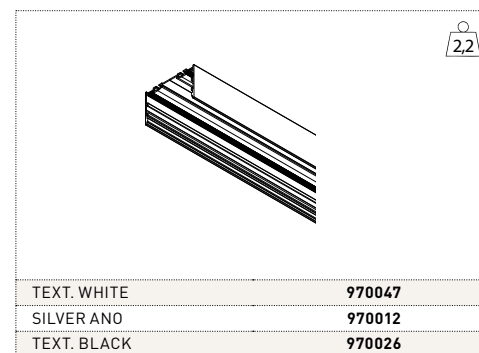
LED SYSTEM HE DOWN
2X 10X650lm 3000K



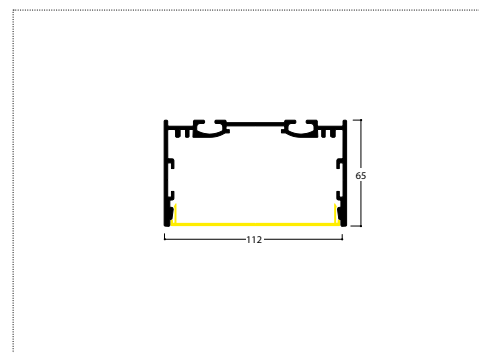
PROFILE/ m



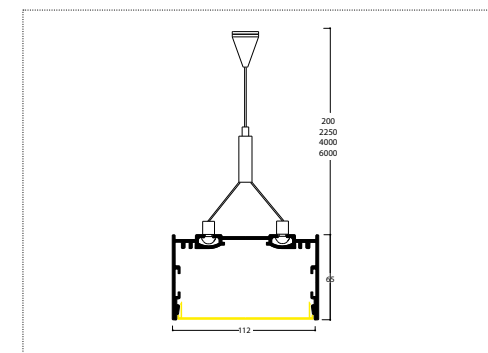
ENDCAP



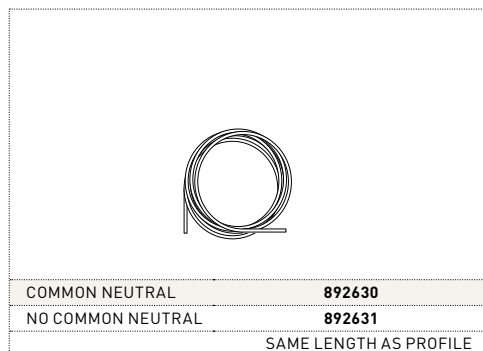
SECTION VIEW SURFACE



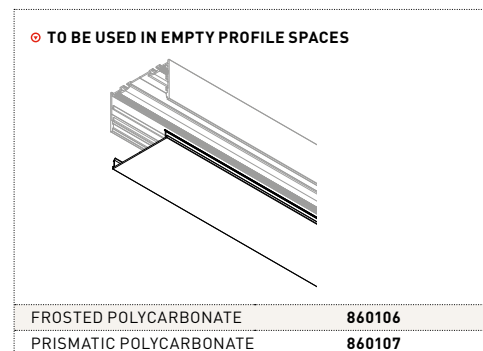
SECTION VIEW SUSPENDED



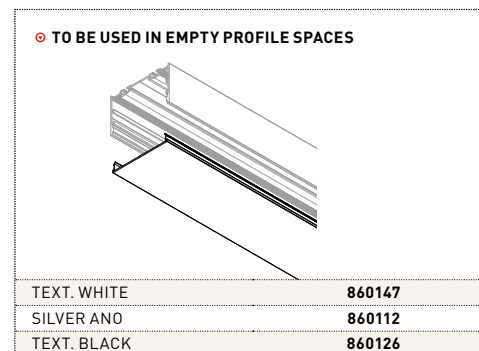
EXTRA CIRCUIT/ m



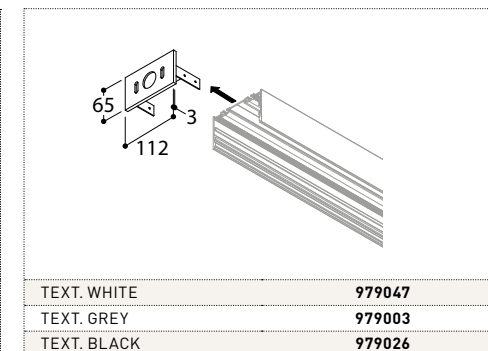
DIFFUSER/ m



COVER/ m



WALL FIXATION

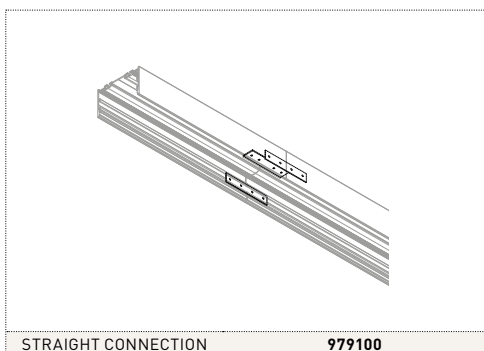




CONNECTION SET SQUARE

	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	890847	890947	891047	891147	891247	891347
TEXT. BLACK	890826	890926	891026	891126	891226	891326

STRAIGHT CONNECTION



CORNER

CORNER 90°	979200
CORNER 135°	979300
CORNER 45° - 85° on request	979400

CONNECTION SET ROUND

	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691047	691147	691247	691347	691447	691547
TEXT. BLACK	691026	691126	691226	691326	691426	691526

SUSPENSION KIT

Diagram illustrating the dimensions of the suspension kit components:

- Top component: dia. 20 h=28
- Middle component: dia. 10 h=42
- Bottom component: dia. 9 h=10

1 suspension/ 1 m profile
min. 2 suspensions

	2,25 m	4 m	6 m
TEXT. WHITE	895047	895147	895247
SILVER ANO	895030	895130	895230
TEXT. BLACK	895026	895126	895226

CONNECTION SET KOSMOS (recessed)

	3p			5p		
	2,25 m	4 m	6 m	2,25 m	4 m	6 m
TEXT. WHITE	691057	691157	691257	691357	691457	691557
TEXT. BLACK	691036	691136	691236	691336	691436	691536

BORITI

LEDSYSTEM DOUBLE ROW HE - 4630 lm/meter

profiles

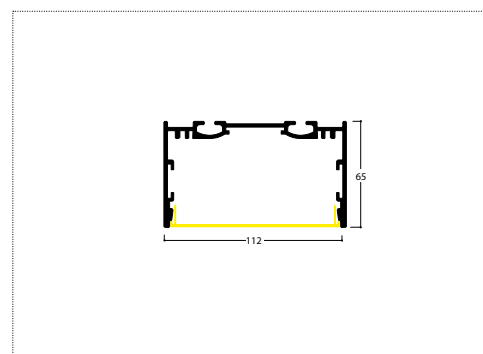


			2700K		3000K		4000K				
LED LAMPS	DIFFUSER	IP	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	NOT DIMM	DALI/TOUCH	POWER (W)	LENGTH /mm	LENGTH /ft
BORITI DOUBLE LEDLINE 2x1300lm	FROSTED POLYCARBONATE	IP 40	971726	971722	971724	971720	971725	971721	14	560	2
	PRISMATIC POLYCARBONATE	IP 40	971626	971622	971624	971620	971625	971621			
BORITI DOUBLE LEDLINE 3x1300lm	FROSTED POLYCARBONATE	IP 40	971736	971732	971734	971730	971735	971731	21	840	3
	PRISMATIC POLYCARBONATE	IP 40	971636	971632	971634	971630	971635	971631			
BORITI DOUBLE LEDLINE 4x1300lm	FROSTED POLYCARBONATE	IP 40	971746	971742	971744	971740	971745	971741	28	1120	4
	PRISMATIC POLYCARBONATE	IP 40	971646	971642	971644	971640	971645	971641			
BORITI DOUBLE LEDLINE 5x1300lm	FROSTED POLYCARBONATE	IP 40	971756	971752	971754	971750	971755	971751	35	1400	5
	PRISMATIC POLYCARBONATE	IP 40	971656	971652	971654	971650	971655	971651			
BORITI DOUBLE LEDLINE 6x1300lm	FROSTED POLYCARBONATE	IP 40	971766	971762	971764	971760	971765	971761	42	1680	6
	PRISMATIC POLYCARBONATE	IP 40	971666	971662	971664	971660	971665	971661			
BORITI DOUBLE LEDLINE 7x1300lm	FROSTED POLYCARBONATE	IP 40	971776	971772	971774	971770	971775	971771	49	1960	7
	PRISMATIC POLYCARBONATE	IP 40	971676	971672	971674	971670	971675	971671			
BORITI DOUBLE LEDLINE 8x1300lm	FROSTED POLYCARBONATE	IP 40	971786	971782	971784	971780	971785	971781	56	2240	8
	PRISMATIC POLYCARBONATE	IP 40	971686	971682	971684	971680	971685	971681			
BORITI DOUBLE LEDLINE 9x1300lm	FROSTED POLYCARBONATE	IP 40	971796	971792	971794	971790	971795	971791	63	2520	9
	PRISMATIC POLYCARBONATE	IP 40	971696	971692	971694	971690	971695	971691			
BORITI DOUBLE LEDLINE 10x1300lm	FROSTED POLYCARBONATE	IP 40	971706	971702	971704	971700	971705	971701	70	2800	10
	PRISMATIC POLYCARBONATE	IP 40	971606	971602	971604	971600	971605	971601			

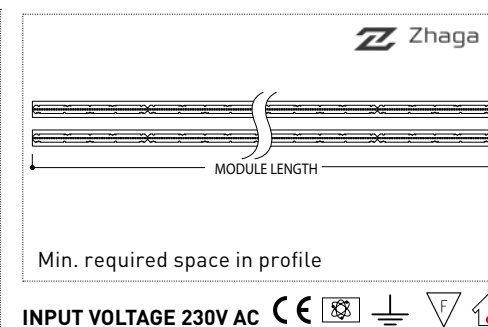
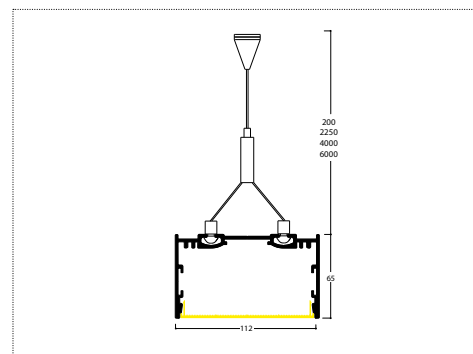
BORITI



SECTION VIEW

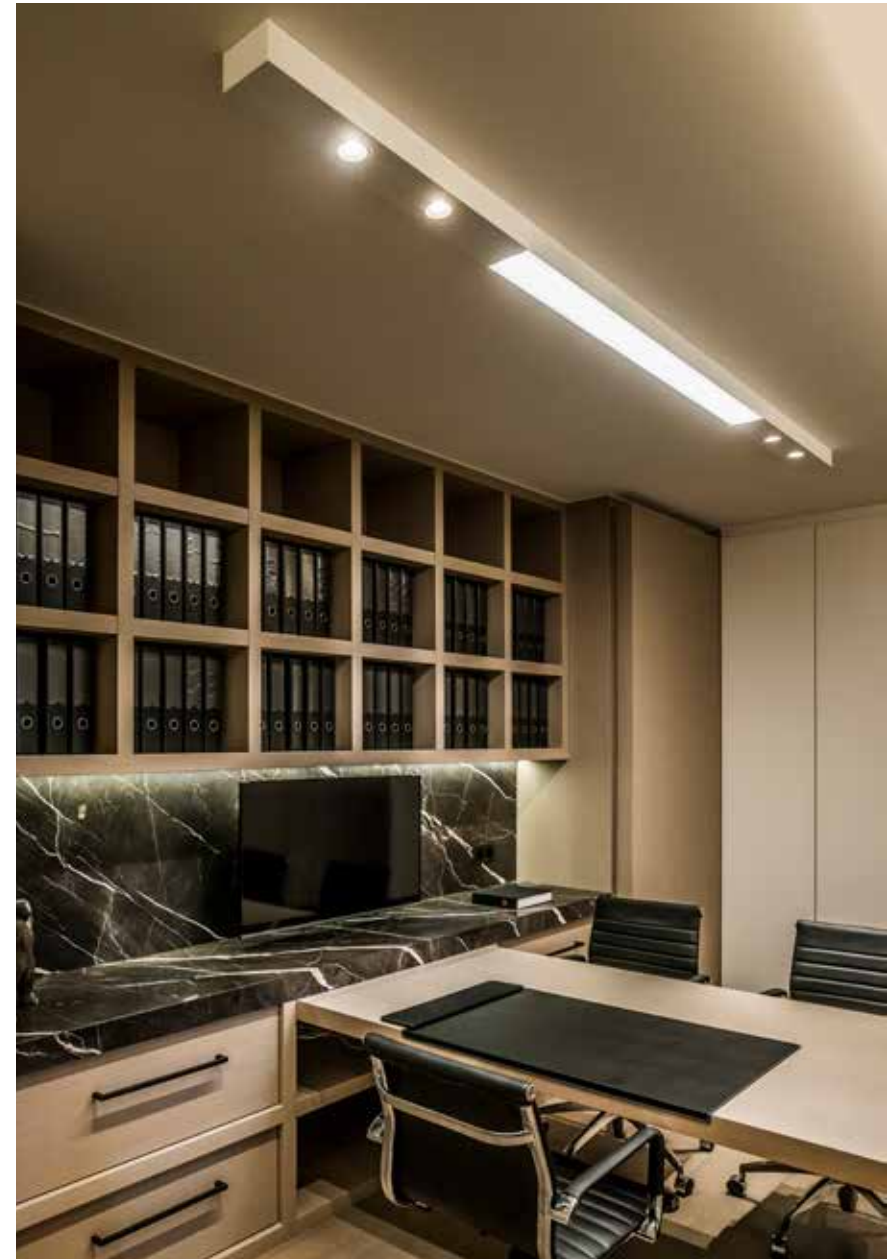


SECTION VIEW SUSPENDED



profiles

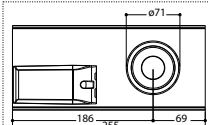
BORITI





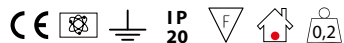


MODULE 1 x BEAUFORT



CITIZEN 6,22W
230 V - AC
758 lumen
not dimmable

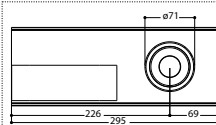
CRI 92
359° 30°
beam 36°



	2700K	3000K
TEXT. WHITE	972047	972057
TEXT. BLACK	972026	972036

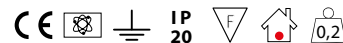
- COVER TEXT. WHITE P/M 860147
- COVER ANO P/M 860112
- COVER TEXT. BLACK P/M 860126

MODULE 1 x BEAUFORT dim 1-10V



CITIZEN 6,22W
230 V - AC
758 lumen
dimmable 1-10V

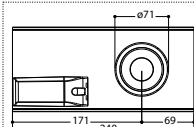
CRI 92
359° 30°
beam 36°



	2700K	3000K
TEXT. WHITE	972247	972257
TEXT. BLACK	972226	972236

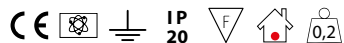
- COVER TEXT. WHITE P/M 860147
- COVER ANO P/M 860112
- COVER TEXT. BLACK P/M 860126

MODULE 1 x BEAUFORT dim DALI



CITIZEN 6,22W
230 V - AC
758 lumen
dimmable DALI

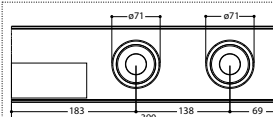
CRI 92
359° 30°
beam 36°



	2700K	3000K
TEXT. WHITE	972447	972457
TEXT. BLACK	972426	972436

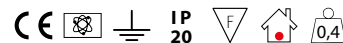
- COVER TEXT. WHITE P/M 860147
- COVER ANO P/M 860112
- COVER TEXT. BLACK P/M 860126

MODULE 2 x BEAUFORT dim 1-10V



CITIZEN 6,22W
230 V - AC
758 lumen
dimmable 1-10V

CRI 92
359° 30°
beam 36°



	2700K	3000K
TEXT. WHITE	972347	972357
TEXT. BLACK	972326	972336

- COVER TEXT. WHITE P/M 860147
- COVER ANO P/M 860112
- COVER TEXT. BLACK P/M 860126







HOW TO COMPOSE BORITI

REQUEST CUSTOMER

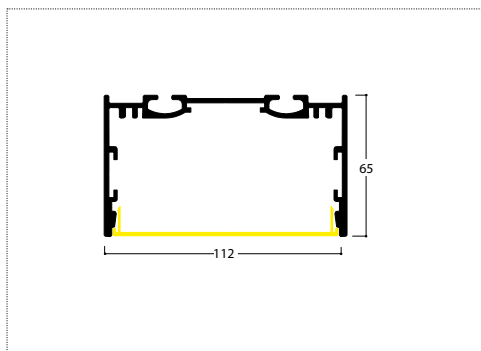
SLIM PROFILE 2,02 M
BLACK COLOR
8 ORIENTABLE LED SPOTLIGHTS
SUSPENDED
DIM PROTOCOL 1-10V



ORDERFORM

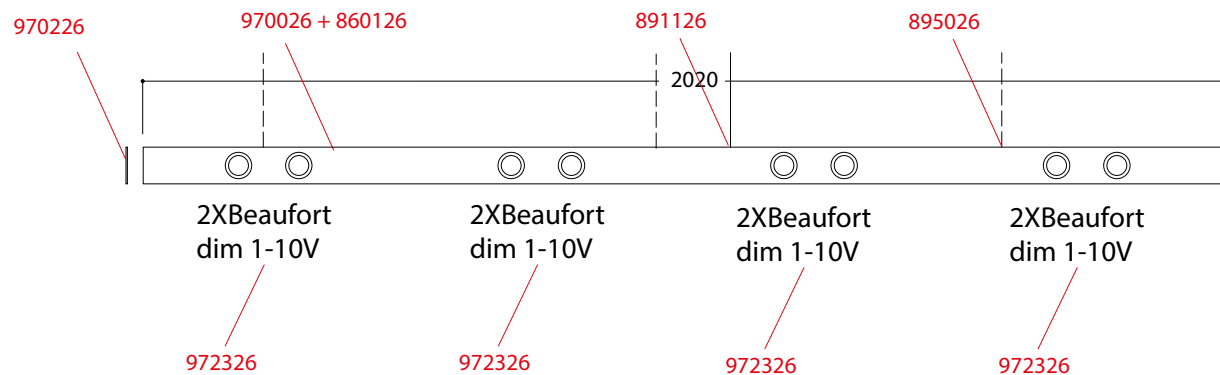
REFERENCE	DESCRIPTION	PCS / M
970026	PROFILE TEXT BLACK	2,02
860126	COVER TEXT BLACK	2,02
970226	ENDCAP TEXT BLACK	2
972326	MODULE 2XBEAUFORT DIM 1-10V	4
895026	SUSPENSION SET	3
891126	BASE + CABLE 5P	1

SECTION VIEW



DRAWING

TOP VIEW



track



BERRIER 536



BERRIER PENDANT 535



MINI SCOOP 542



NELSON TRACK 545



OLIJF 532



PARIS 530



SIGMA 524



SPINA ELBOW 538



TELESCOOP TRACK 544

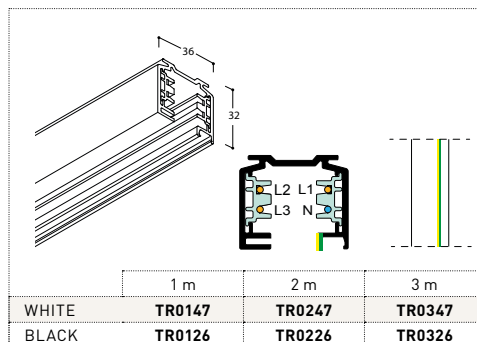


WINSTON 529

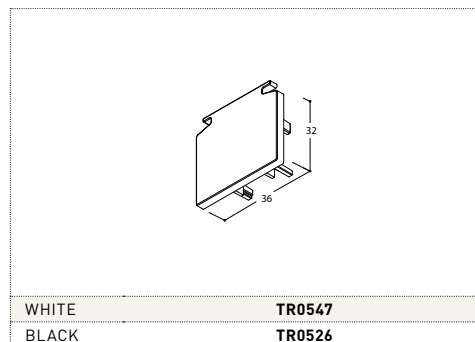


WODAN BEAUFORT² 528

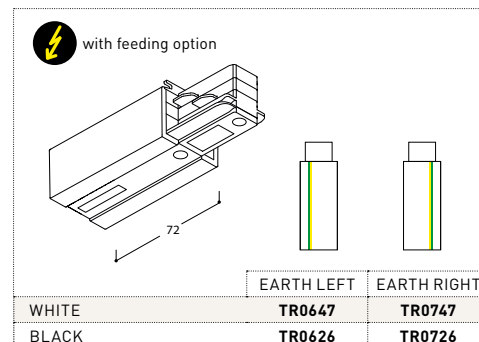
SURFACE TRACK 3F



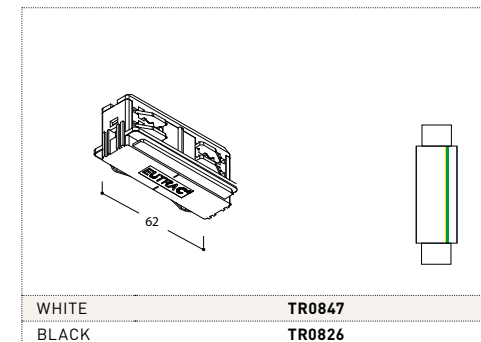
ENDCAP



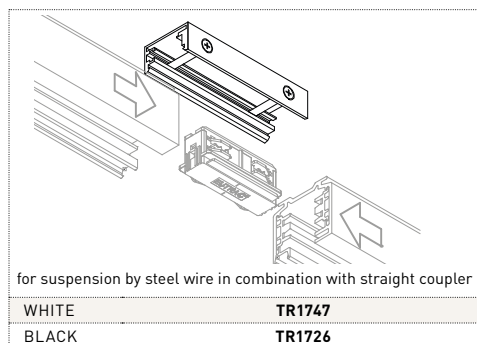
LIVE END



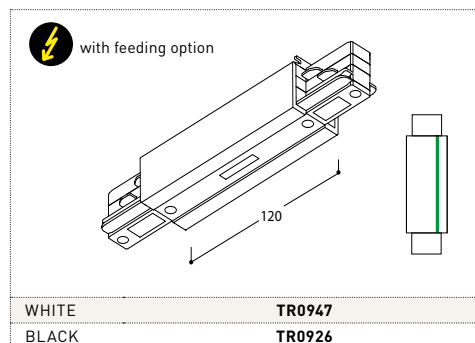
STRAIGHT COUPLER



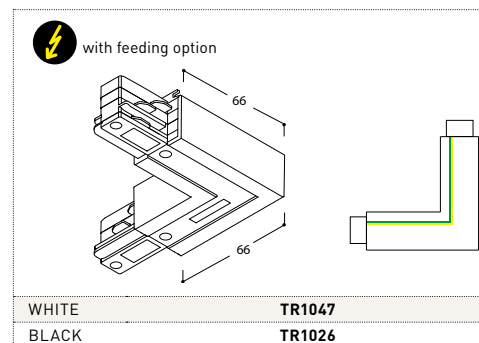
MECHANICAL COUPLER



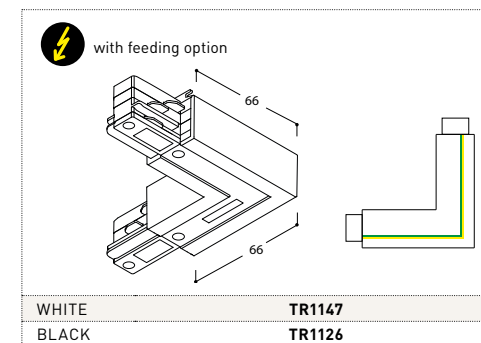
I COUPLER



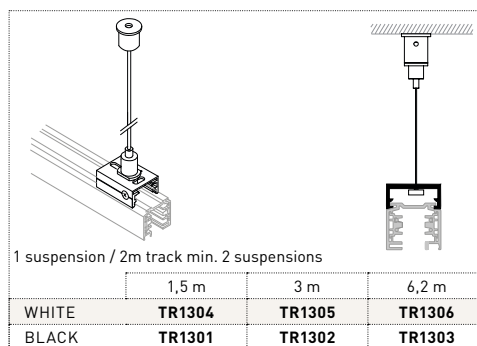
L COUPLER - EARTH INSIDE



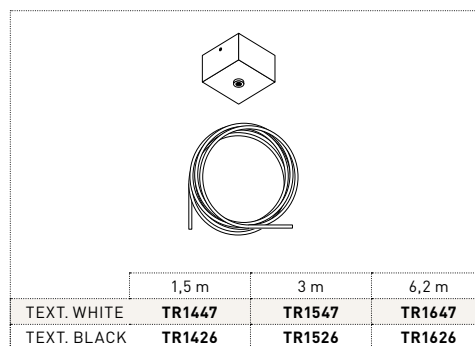
L COUPLER - EARTH OUTSIDE



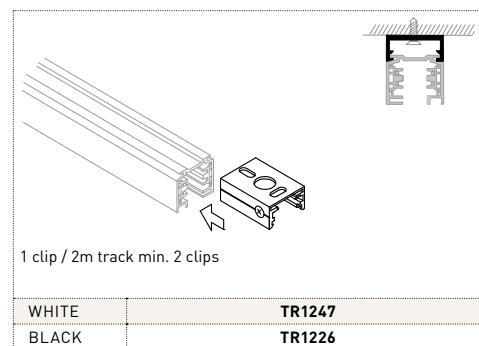
PENDANT CLIP + STEEL WIRE



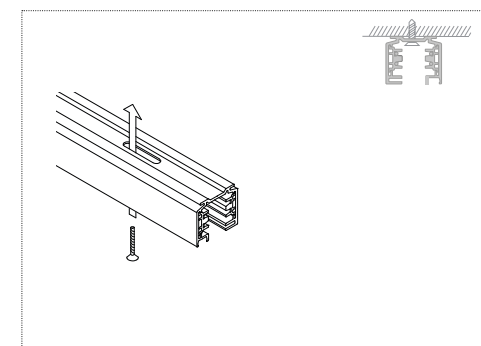
BASE + CABLE 5P



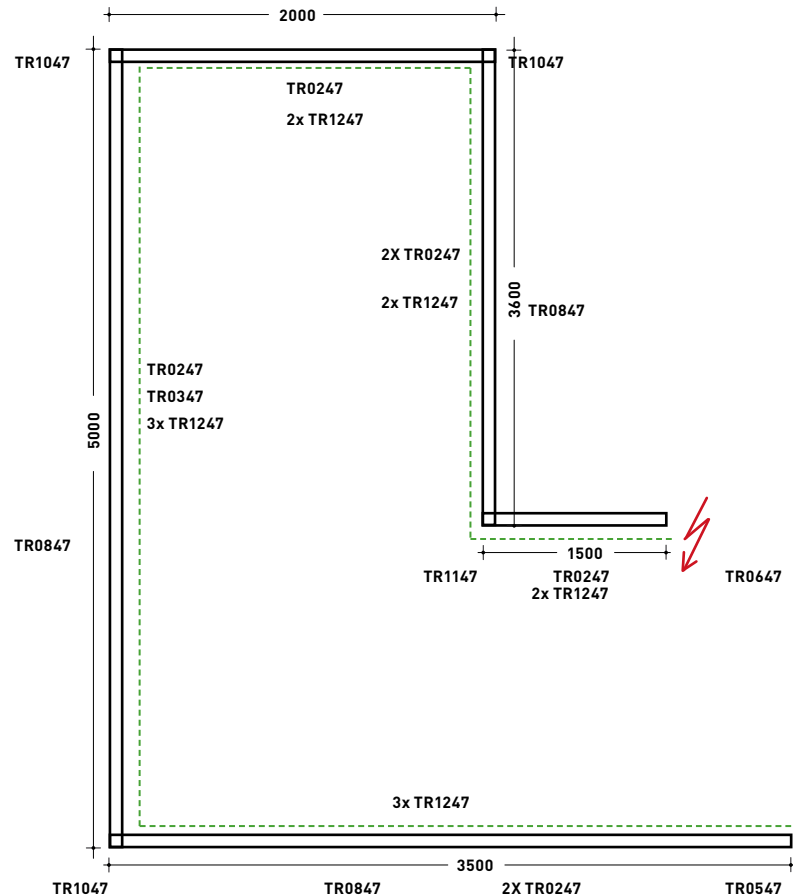
CEILING FIXATION CLIP



ALTERNATIVE FIXATION



track



HOW TO COMPOSE CEILING FIXED TRACK IN WHITE

SURFACE TRACK 3F

TR0247 7pcs.
TR0347 1pc.

ENDCAP

TR0547 1pc.

LIVE END - EARTH CONTACT LEFT

TR0647 1pc.

L COUPLER - EARTH OUTSIDE

TR1147 1pc.

L COUPLER - EARTH INSIDE

TR1047 3pcs.

STRAIGHT COUPLER

TR0847 3pcs.

CEILING FIXATION CLIP

TR1247 12pcs.

----- EARTH

SIGMA NXT

track



SIGMA NXT 17°

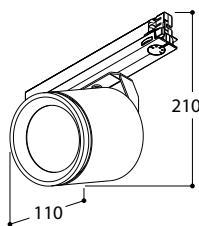


SIGMA NXT 24°



SIGMA NXT 40°





PREVALED 21W
230V - AC
dimmable NOT
3000 Lumen
beam 17°
↻ 355° ↕ 60°
CRI 80

A+

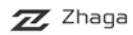


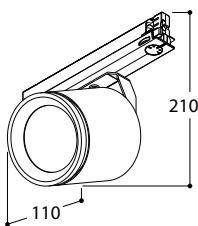






	3000K	4000K
TEXT. WHITE	482567	482577
TEXT. BLACK	482546	482556





PREVALED 21W
230V - AC
dimmable NOT
3000 Lumen
beam 24°
↻ 355° ↕ 60°
CRI 80

A+



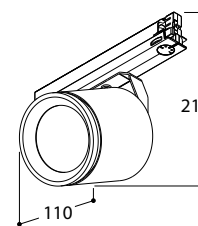






	3000K	4000K
TEXT. WHITE	482667	482677
TEXT. BLACK	482646	482656





PREVALED 21W
230V - AC
dimmable NOT
3000 Lumen
beam 40°
↻ 355° ↕ 60°
CRI 80

A+

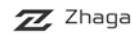








	3000K	4000K
TEXT. WHITE	482867	482877
TEXT. BLACK	482846	482856







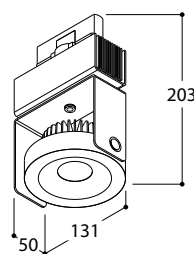


WODAN BEAUFORT²

track

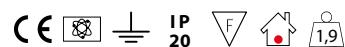


 WODAN 1 BEAUFORT²



CITIZEN 12W
230V - AC
1500 lumen
↻ 359° ↻ 180

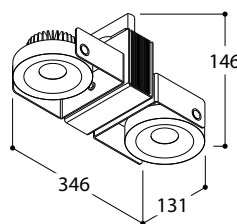
A++



	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	422187	422167	422177	422157
TEXT. BLACK	422185	422166	422176	422156
WHITE + BLACK	422182	422164	422174	422154

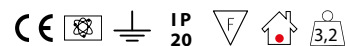


 WODAN 2 BEAUFORT²



CITIZEN (x2) 12W
230V - AC
2 x 1500 lumen
↻ 359° ↻ 180

A++



	2700K		3000K	
	35°	70°	35°	70°
TEXT. WHITE	422287	422267	422277	422257
TEXT. BLACK	422285	422266	422276	422256
WHITE + BLACK	422282	422264	422274	422254

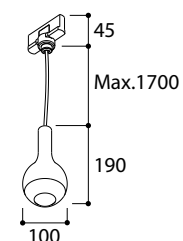




WINSTON

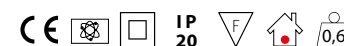


WINSTON CI



LUXEON M LED 3,82W
230V - AC
mains dimmable
400 Lumen
beam 60°

A++



	2700K	3000K
TEXT. WHITE + mainscord white	486334	486324
TEXT. BLACK + mainscord black	486302	486312
BRUSHED ALU + mainscord red	486319	486309
CHROME + mainscord black	486320	486310



PARIS

design by Peter Vanooteghem



PARIS LED

PREVALED 12,7W
230V - AC
1100 lumen
beam 38°
dimmable L, C
CRI 90

A+

CE, IP 20, F, 1,1

2700K

CHROME + MAINSCORD TRANSPARENT	496521
TEXT. BLACK - MAINSCORD BLACK	496526
TEXT. BLACK - MAINSCORD RED	496536
TEXT. WHITE - MAINSCORD WHITE	496537
TEXT. WHITE - MAINSCORD RED	496547
TEXT. WHITE + CHROME - MAINSCORD TRANSPARENT	496591
BLACK + GOLD - MAINSCORD BLACK	496596
TEXT. BLACK BODY - CU ₂₉ CONE - BLACK FOCUS - MAINSCORD BLACK	496556
CU ₂₉ - TEXT BLACK FOCUS - MAINSCORD BLACK	496557



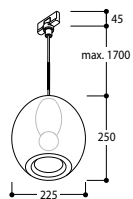


OLIJF

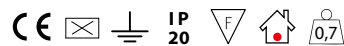
track



 OLIJF E27



A60 - max. 40W
E27
230V - AC
dimnable: see bulb



CLEAR GLASS + MAINS BLACK	480300
GREY GLASS + MAINS BLACK	480304
GREEN GLASS + MAINS BLACK	480307
GREY GLASS + 24K GOLD PIT	480313









BERRIER PENDANT



BERRIER PENDANT



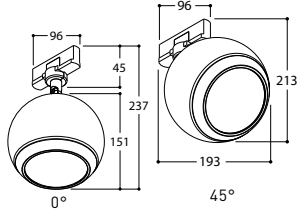
	PREVALED 12,7W 230V - AC 1100 lumen beam 60° dimmable L, C CRI 90	A+
	CE, IP 20, F, 1,2	
		2700K
TEXT. WHITE + mainscord white	494501	
TEXT. BLACK + mainscord red	494547	
TEXT. BLACK + mainscord black	494516	
TEXT. BLACK + mainscord red	494526	
TEXT. BLACK + CHROME+ mainscord black	494519	
TEXT. BLACK+GOLD + mainscord black	494596	
TEXT. RED + mainscord red	494534	
TEXT. WHITE + CHROME + mainscord white	494520	
CU ₂₅ + mainscord black	494550	
TEXT. BLACK + CU ₂₅ + mainscord black	494556	
CU ₂₅ + TEXT. BLACK + mainscord black	494557	
TEXT. WHITE (HOUSING) + TEXT. BLACK (RING) + pied de poule	494594	
TEXT. WHITE (RING) + TEXT. BLACK (HOUSING) + pied de poule	494595	
GOLD 24K + mainscord black	494513	

BERRIER

track

 BERRIER



		PREVALED 12,7W 230V - AC 1100 lumen beam 60° dimmable L, C CRI 90 ↻ 359° ↻ 45°	A⁺
     		2700K	
TEXT. WHITE		494447	
TEXT. BLACK		494426	
TEXT. BLACK + CHROME		494419	
TEXT. BLACK+GOLD		494496	
TEXT. RED		494434	
TEXT. WHITE + CHROME		494420	
CU ₂₉		494450	
TEXT. BLACK + CU ₂₉		494456	
CU ₂₉ + TEXT. BLACK		494457	
TEXT. WHITE (HOUSING) + TEXT. BLACK (RING)		494494	
TEXT. WHITE (RING) + TEXT. BLACK (HOUSING)		494495	
GOLD 24K		494413	



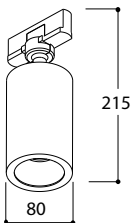


SPINA ELBOW

track



 SPINA ELBOW HALOLED 



LUXEON M LED 7,84W
230V AC
755 lumen
beam 36°
dimmable L,C

A⁺



	2700K	3000K
TEXT. WHITE	433347	433348
TEXT. BLACK	433326	433327
TEXT. WHITE + GOLD	433392	433393
BLACK + GOLD	433396	433397



538 TAL





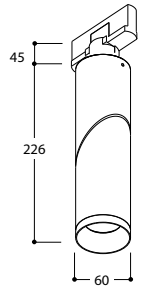


MINI SCOOP

track



 **MINI SCOOP DEIMOS** 



LUXEON M 7,84W
230V AC
755 lumen
359° TILT 90°

A⁺









	2700K			3000K		
	9°	38°	60°	9°	38°	60°
TEXT. WHITE	279727	279747	279767	279737	279757	279777
TEXT. BLACK	279706	279726	279746	279716	279736	279756



 GU10 versions: see website



TELESCOOP design by Sylvain Willenz

track

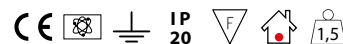
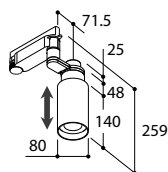


TELESCOOP TRACK



Luxeon M LED 7,84W
230V - AC
Adjustable beam 20° - 48°
755 lumen
Not dimmable
Tilt 0-50°

A+



	2700K	3000K
TEXT. WHITE	491747	491757
TEXT. BLACK	491726	491736

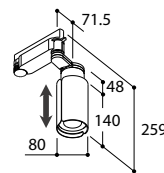


design by Sylvain Willenz

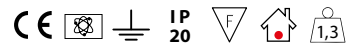
NELSON



NELSON TRACK



Luxeon M LED 7,84W
 230V - AC
 Adjustable beam 20°- 48°
 755 lumen
 Not dimmable
 Tilt 0-50°



	2700K	3000K
TEXT. WHITE + BRASS	491357	491367
TEXT. BLACK + BRASS	491356	491366
TEXT. BLACK + CU ₂₉	491350	491360



INTERIOR COLOUR SAMPLES



Textured white 9016



Textured black 9005



Textured red 3020



Textured yellow 1021



Brushed aluminium

EXTERIOR COLOUR SAMPLES



Textured black 9005



Silver sand 1015*



Textured grey 9007*



Silver anthracite 9008*

(*) indicative RAL reference

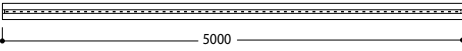
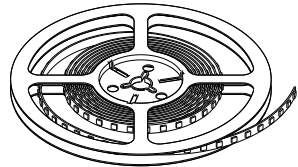
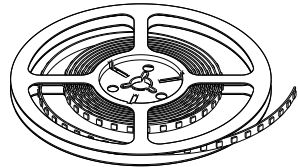
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LEDSTRIPS ON REEL

technical info

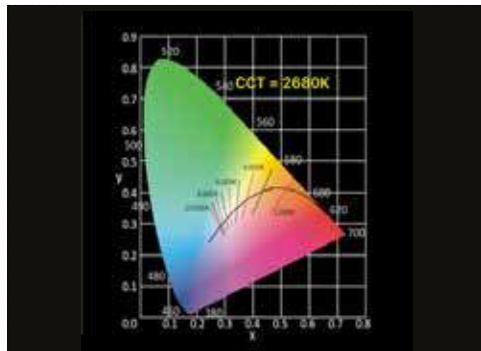
		24V DC						
Color Temperature	2700K		3000K		4000K			
	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER	MEDIUM POWER	HIGH POWER		
Reference/reel*	958010	958020	958030	958040	958050	958060		
Power	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m	9,6W/ m	14,4W/ m		
Lumen output	672 lm/ m	1010 lm/ m	710 lm/ m	1060 lm/ m	740 lm/ m	1100 lm/ m		
CRI	92	92	92	92	92	92		
Max. length 1 powerfeed	10 metres	5 metres	10 metres	5 metres	10 metres	5 metres		
Min. cutting lenght	50 mm	33 mm	50 mm	33 mm	50 mm	33 mm		

* 1 reel = 5 metres

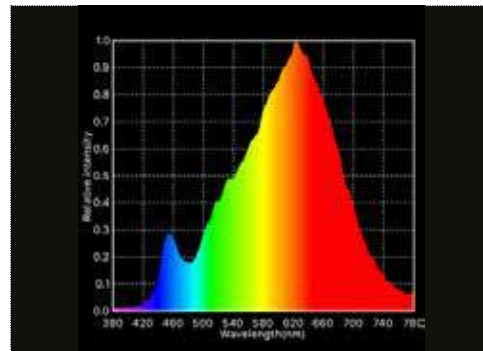
CONVERTER p.550

LED strips to be used in combination with aluminium profile

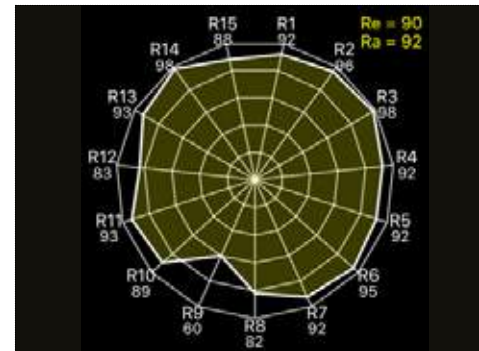
CIE CHART 2700K - 14,4W



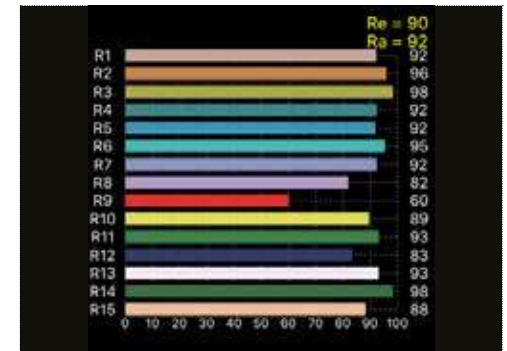
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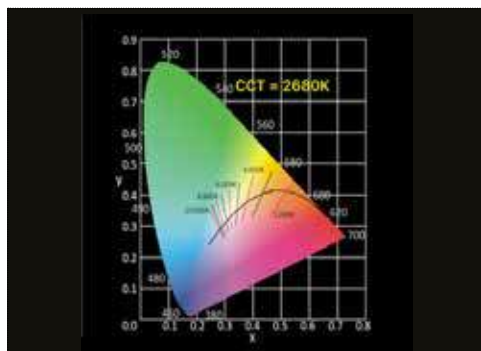
RADAR 2700K - 14,4W



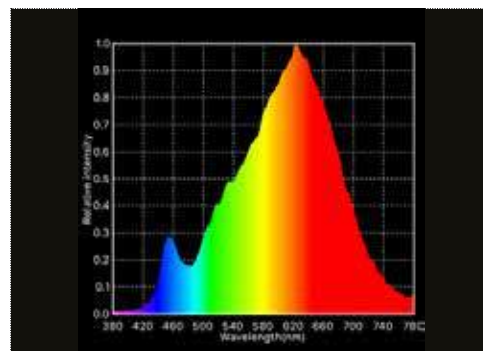
HISTOGRAM 2700K - 14,4W



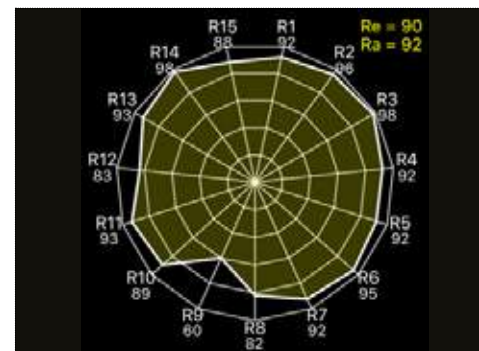
CIE CHART 3000K - 14,4W



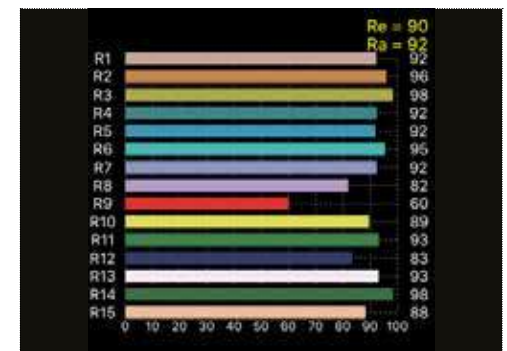
SPECTRUM 3000K - 14,4W



RADAR 3000K - 14,4W



HISTOGRAM 3000K - 14,4W





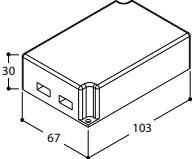
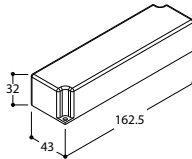
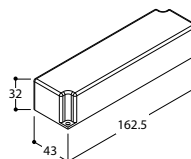
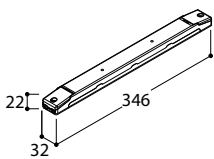
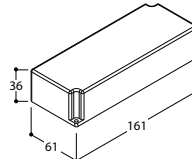
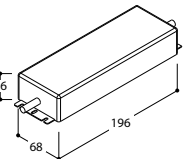
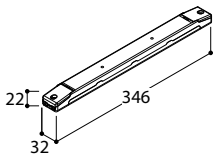
24V CONSTANT VOLTAGE CONVERTERS

technical info

TYPE	PHOBOS	CRÉE XPE	LEDLINE/ LEDSTRIPS	LEDLINE HO/ LEDSTRIPS HO
FIXTURE	MINI UB0/OB0	LISDODDE	1U, 2U, 2UR, LUDO, TAGLIO, OSCAR	1U, 2U, 2UR
VOLTAGE (V)	24	24	24	24
P (W)	3,36	1,5	9,6W/M	14,4W/M

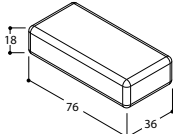
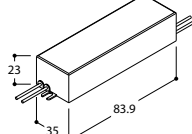
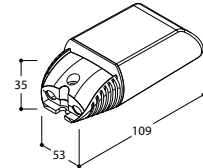
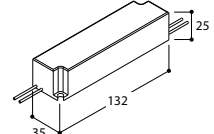
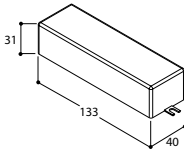
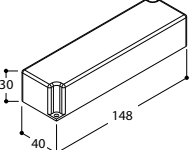
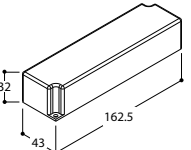
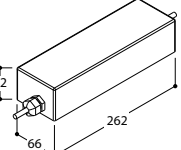
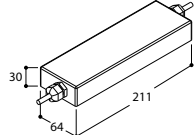
Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage [V]	Luminaires Quantity			
										max #m ⁽¹⁾	max #m ⁽²⁾
40025	CONVERTER LED 10VA	NO	INDOOR	NOT	20		198-254	1-2	1-6	1	0,65
40065	CONVERTER LED 12VA	NO	IN&OUTDOOR	NOT	67		120-240	1-3	1-7	1,25	0,8
40057	CONVERTER LED 20VA	YES	INDOOR	NOT	20		195-254	1-5	1-12	2,05	1,35
40063	CONVERTER LED 20VA	NO	IN&OUTDOOR	NOT	67		90-264	1-5	1-12	2,05	1,35
40080	CONVERTER LED 20VA DIMMABLE 1-10V SQ	YES	INDOOR	1-10V	20		100-264	1-5	1-12	2,05	1,35
40027	CONVERTER LED 25VA	NO	IN&OUTDOOR	NOT	67		85-277	1-6	1-15	2,6	1,7
40070	CONVERTER LED 35VA	NO	IN&OUTDOOR	NOT	67		90-264	1-9	1-21	3,6	2,4
40081	CONVERTER LED 40VA DIMMABLE 1-10V	NO	IN&OUTDOOR	1-10V	67		90-305	1-10	1-24	4,15	2,75
40087	CONVERTER LED 50VA DALI / TOUCH DIMM	YES	INDOOR	DALI / TOUCH DIMM	20		198-264	1-13	1-30	5,20	3,45
40071	CONVERTER LED 60VA	NO	IN&OUTDOOR	NOT	67		90-264	1-16	1-36	6,25	4,15
40082	CONVERTER LED 60VA DIMMABLE 1-10V	NO	IN&OUTDOOR	1-10V	67		90-305	1-16	1-36	6,25	4,15
40088	CONVERTER LED 50VA DALI / TOUCH DIMM	YES	INDOOR	DALI / TOUCH DIMM	20		198-264	1-13	1-30	5,20	3,45
40083	CONVERTER LED 90VA DIMMABLE 1-10V	NO	IN&OUTDOOR	1-10V	67		90-305	1-24	1-54	9,35	6,25
40072	CONVERTER LED 100VA	NO	IN&OUTDOOR	NOT	67		220-240	1-26	1-60	10,4	6,9
40084	CONVERTER LED 120VA DIMMABLE 1-10V	NO	IN&OUTDOOR	1-10V	67		90-305	1-32	1-72	12,5	8,3
40073	CONVERTER LED 150VA	NO	IN&OUTDOOR	NOT	67		220-240	1-40	1-90	15,6	10,4

24V CONSTANT VOLTAGE CONVERTERS

1-10 V DIMM			DALI / TOUCH DIMM
 40080 CONVERTER 230V LED 24V 20VA IP20 DIMMABLE 1-10V SQ	 40081 CONVERTER 230V LED 24V 40VA IP67 DIMMABLE 1-10V	 40082 CONVERTER 230V LED 24V 60VA IP20 DIMMABLE 1-10V	 40087 CONVERTER 230V LED 24V 50VA IP20 DALI / TOUCH DIMM
 40083 CONVERTER 230V LED 24V 90VA IP67 DIMMABLE 1-10V	 40084 CONVERTER 230V LED 24V 120VA IP67 DIMMABLE 1-10V		 40088 CONVERTER 230V LED 24V 50VA IP20 DALI / TOUCH DIMM

[1] max. 10 m continue, split powerfeed for lengths > 10 m

[2] max. 5 m continue, split powerfeed for lengths > 5 m

NOT DIMMABLE			
 40025 CONVERTER 230V LED 24V 10VA IP20	 40065 CONVERTER 230V LED 24V 12VA IP67	 40057 CONVERTER 230V LED 24V 20VA IP20	 40063 CONVERTER 230V LED 24V 20VA IP67
 40027 CONVERTER 230V LED 24V 25VA IP67	 40070 CONVERTER 230V LED 24V 35VA IP67	 40071 CONVERTER 230V LED 24V 60VA IP67	 40072 CONVERTER 230V LED 24V 100VA IP67
 40073 CONVERTER 230V LED 24V 150VA IP67			

180mA CONSTANT CURRENT CONVERTERS

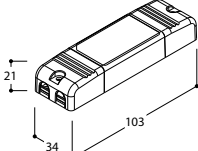
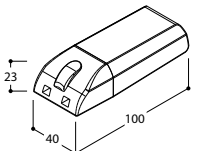
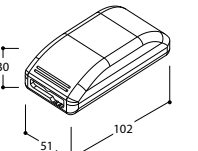
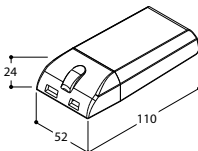
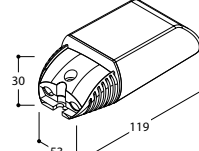
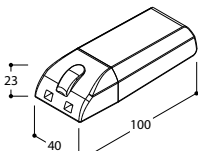
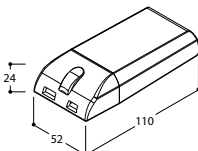
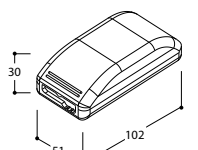
technical info

Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage (V)	Output range (V)
930547	POWERLED CONVERTOR 7,2W SMALL	YES	INDOOR	NOT	20	□	110-240	20-43
930544	POWERLED CONVERTOR 7,2W MAINS DIMM C [*]	YES	INDOOR	MAINS DIMM C	20	□	230-240	20-40
930565	POWERLED CONVERTOR 10W MAINS DIMM L,C (10%)	YES	INDOOR	MAINS DIMM L,C	20	□	220-240	28-56
930565	POWERLED CONVERTOR 10W DIMMABLE 1-10V	YES	INDOOR	1-10V	20	□	220-240	28-56
930588	POWERLED CONVERTOR 15W DALI/TOUCH DIMM	YES	INDOOR	DALI / TOUCH DIMM	20	□	198-264	20-54
930545	POWERLED CONVERTOR 2.5-15W	YES	INDOOR	NOT	20	□	90-264	0-41,5
930546	POWERLED CONVERTOR 1-20W DIMMABLE 1-10V	YES	INDOOR	1-10V	20	□	110-240	3-43
930549	POWERLED CONVERTOR 2X 8W DIMMABLE 1-10V	YES	INDOOR	1-10V	20	□	110-240	3-45

[*] 10% - 30%: SEE LIST COMPATIBLE DIMMERS

BEAUFORT	TYPE
MINI TOMMY, MINI ECLIPS, INCAS R, QUAD, HELVA, INTANA	FIXTURE
180	MAX. CURRENT
6,22	P (W)
34,6	TYPICAL FORWARD VOLTAGE V_F

Luminaires Quantity	
1	
1	
1	
1	
1	
1	
1	
1-2	

NOT DIMMABLE	MAINS DIMM C	MAINS DIMm L/C + 1-10V DIMM	1-10V DIMM	DALI / TOUCH DIMM
 930545 POWERLED CONVERTOR REMOTE 2.5-15W 180mA	 930544 POWERLED CONVERTOR REMOTE 7,2W 180mA MAINS DIMM C	 930565 POWERLED CONVERTOR REMOTE 10W 180mA MAINS DIMM L,C (10%)	 930546 POWERLED CONVERTOR REMOTE 1-20W 180mA DIMMABLE 1-10V	 930588 POWERLED CONVERTOR 15W 180mA DALI/TOUCH DIMM
 930547 POWERLED CONVERTOR REMOTE 7,2W 180mA SMALL			 930549 POWERLED CONVERTOR 2X 180mA 1-10V DIMM	
			 930565 POWERLED CONVERTOR REMOTE 10W 180mA 1-10V DIMM	

350mA CONSTANT CURRENT CONVERTERS

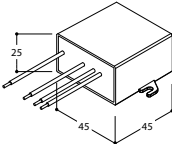
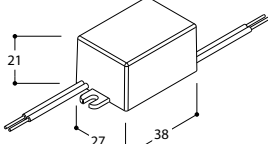
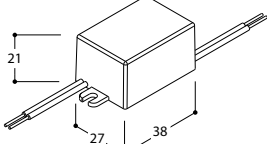
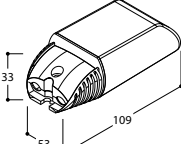
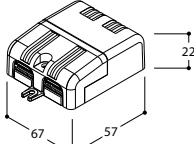
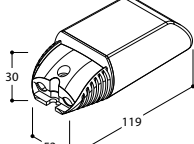
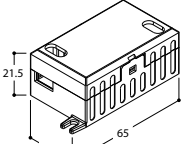
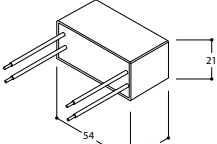
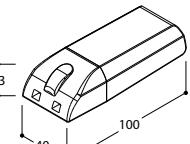
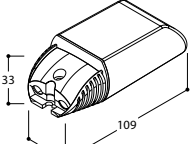
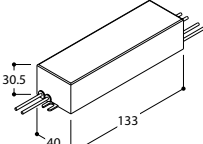
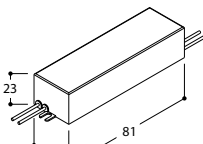
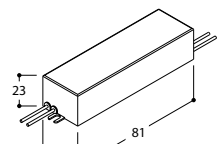
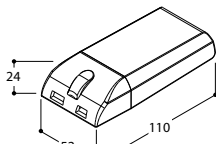
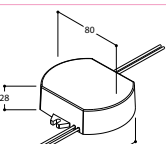
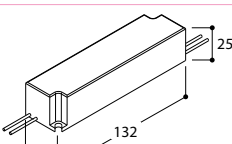
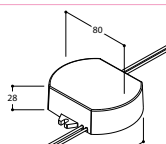
technical info

TYPE	CREE XPE	XICATO XTM	LUXEON M	BRIDGELUX COB	CITIZEN 13,3W	ANNULAR LED ARRAY	ANNULAR LED ARRAY
FIXTURE	CHROMOS	MINI UBO/OBO	THINK SMALL	CEDRUS QUANTUM	HELAX HALO-SPHERE	ORBITAL	ORBITAL HALO-SPHERE
MAX. CURRENT	350	350	350	350	350	350	350
P (W)	1,2	6,3	3,82	6,2	13,3	11,4	11,4
TYPICAL FORWARD VOLTAGE V _F	3,2	18,1	10,95	17,7	37,5	32,5	32,5

Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage (V)	Output range (V)	Lumi- naires Quantity						
930579	POWERLED CONVERTER 4W NON DIMM	NO	IN & OUTDOOR	NOT	65		100-240	2 - 12	1-3	0	1	0	0	0	0
930512	POWERLED CONVERTER 4W MAINS DIMM L/C	NO	IN & OUTDOOR	MAINS DIMM L/C	65		220-240	6 - 12	2-3	0	1	0	0	0	0
930540	POWERLED CONVERTER 6W	NO	IN & OUTDOOR	NOT	67		120-240	2 - 20	1-5	1	1	1	0	0	0
930591	POWERLED CONVERTER 6W DIMMABLE 1-10V	YES	INDOOR	1-10V DIMM	20		198-264	2 - 18	1-5	0	1	1	0	0	0
930573	POWERLED CONVERTER 8W	NO	IN & OUTDOOR	NOT	54		90-264	0-25	1-6	1	1-2	1	0	0	0
930541	POWERLED CONVERTER 9W	NO	INDOOR	NOT	20		220-240	3-25	1-6	1	1-2	1	0	0	0
930000	POWERLED CONVERTER 12W	NO	IN & OUTDOOR	NOT	66		207-264	2,4 - 33	1-8	1	1-3	1	0	0	0
930001	POWERLED CONVERTER 12W SMALL	NO	IN & OUTDOOR	NOT	67		120-240	2 - 35	1-8	1	1-3	1	0	1	0
930561	POWERLED CONVERTER 12W SMALL MAINS DIMM C ⁽¹⁾	YES	INDOOR	MAINS DIMM C 10-30%	20		230-240	3-32	1-8	1	1-2	1	0	0	0
930562	POWERLED CONVERTER 13,5W MAINS DIMM L/C ⁽²⁾	YES	INDOOR	MAINS DIMM L/C 10%	20		220-240	18 - 38	6-10	1-2	2-3	2	0	1	1
930581	POWERLED CONVERTER 15W DALI / TOUCH DIMM ⁽²⁾	YES	INDOOR	DALI / TOUCH DIMM	20		220-240	9 - 51	3-16	1-2	1-4	1-2	1	1	1
930706	POWERLED CONVERTER 18W 230V SMALL	NO	IN & OUTDOOR	NOT	67		220-240	2 - 52	4-12	1-2	1-4	1-2	0	1	0
930510	POWERLED CONVERTER 18W 230V DIMMABLE 1-10V	NO	IN & OUTDOOR	1-10V DIMM	67		220-240	12 - 48	4-12	1-2	2-4	1-2	0	1	0
930511	POWERLED CONVERTER 18W MAINS DIMM L/C ⁽²⁾	YES	INDOOR	MAINS DIMM L/C 10%	20		198-264	27-54	9-16	2	3-4	2-3	1	1	1
930560	POWERLED CONVERTER 1-20W DIMMABLE 1-10V	YES	INDOOR	1-10V DIMM	20		110-240	3 - 43	1-12	1-2	1-3	1-2	0	1	0
930537	POWERLED CONVERTER 26W	NO	IN & OUTDOOR	NOT	66		100-240	38-75	12-20	3-4	4-6	3-4	0	0	0
930536	POWERLED CONVERTER 26W DIMMABLE 1-10V	NO	IN & OUTDOOR	1-10V DIMM	66		100-240	38-75	12-20	3-4	4-6	3-4	0	0	0

[1] 10% - 30%: SEE LIST COMPATIBLE DIMMERS

[2] SUITABLE FOR WARM DIMMING (CCR) FOR HALOSPHERE LUMINAIRES

NOT DIMMABLE		MAINS DIMM C	MAINS DIMM L/C	1-10V DIMM	DALI / TOUCH DIMM
 930540 POWERLED CONVERTER 6W 350mA 230V IP67	 930579 POWERLED CONVERTER 4W 350mA IP65 NON DIMM	 930512 POWERLED CONVERTER 4W 350mA MAINS DIMM L/C	 930562 POWERLED CONVERTER 13,5W 350mA 230V IP20 MAINS DIMM L/C 10%	 930591 POWERLED CONVERTER 6W 350mA 230V IP20 DIMMABLE 1-10V	 930581 POWERLED CONVERTER 350MA 15W DALI / TOUCH DIMM
 930541 POWERLED CONVERTER 9W 350mA 230V IP20	 930573 POWERLED CONVERTER 8W 350mA 230V IP54	 930561 POWERLED CONVERTER 12W 350/700mA SMALL MAINS DIMM C [1]	 930511 POWERLED CONVERTER 18W 350mA MAINS DIMM L/C	 930510 POWERLED CONVERTER 18W 350mA 230V IP67 DIMMABLE 1-10V	
 930001 POWERLED CONVERTER 12W 350mA 230V IP67 SMALL	 930706 POWERLED CONVERTER 18W 350mA 230V IP67 SMALL			 930560 POWERLED CONVERTER 1-20W 350mA DIMMABLE 1-10V	
 930537 POWERLED CONVERTER 26W 350mA + WIRES	 930000 POWERLED CONVERTER 12W 350mA 230V IP66			 930536 POWERLED CONVERTER 26W 350mA 1-10V	

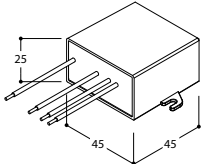
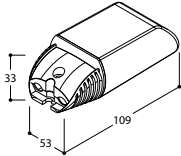
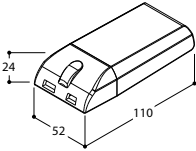
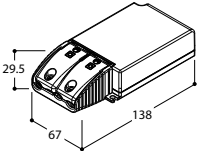
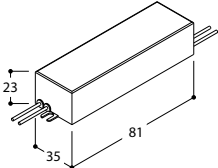
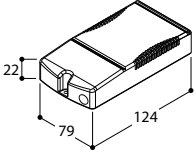
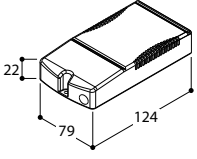
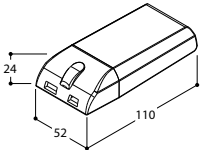
[1] 10% - 30%: SEE LIST COMPATIBLE DIMMERS
[2] SUITABLE FOR WARM DIMMING (CCR) FOR HALOSPHERE LUMAIRES

500mA CONSTANT CURRENT CONVERTERS

technical info

TYPE	BEAUFORT ²
FIXTURE	TOMMY, ECLIPS, INCAS R
MAX. CURRENT	500
P (W)	18,1
TYPICAL FORWARD VOLTAGE V _F	36,2

Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage (V)	Output range (V)	
930543	POWERLED CONVERTER 6W	NO	IN & OUTDOOR	NOT	67	□	120-240	2 - 14	0
930550	POWERLED CONVERTER 12W	NO	IN & OUTDOOR	NOT	67	□	120-240	2 - 26	0
930559	POWERLED CONVERTOR 16W DIMMABLE L/C (10%)	YES	INDOOR	MAINS L/C	20	□	198-264	18 - 36	0
930558	POWERLED CONVERTOR 20W	YES	INDOOR	NOT	20	□	115-240	3 - 40	1
930553	POWERLED CONVERTOR 1-20W DIMMABLE 1-10V	YES	INDOOR	1-10V DIMM	20	□	110-240	3 - 43	1
930585	POWERLED CONVERTOR 35W DALI / TOUCH DIMM	YES	INDOOR	DALI / TOUCH DIMM	20	□	198-264	30-54	1
930556	POWERLED CONVERTOR 2X 20W DIMMABLE 1-10V	YES	INDOOR	1-10V DIMM	20	□	110-240	1 - 100	1 - 2
930557	POWERLED CONVERTOR 2X 20W DALI / TOUCH DIMM	YES	INDOOR	DALI DIMM	20	□	110-240	1 - 100	1 - 2

NOT DIMMABLE	MAINS DIMM L/C	1-10V DIMM	DALI / TOUCH DIMM
 930543 POWERLED CONVERTER 6W 500mA	 930559 POWERLED CONVERTOR 16W 500mA DIMMABLE L/C IP20	 930553 POWERLED CONVERTOR 1-20W 500mA DIMMABLE 1-10V	 930585 POWERLED CONVERTOR 35W 500mA DALI / TOUCH DIMM
 930550 POWERLED CONVERTER 12W 500mA		 930556 POWERLED CONVERTOR 2X (1-20W) 500mA DIMMABLE 1-10V	 930557 POWERLED CONVERTOR 2X (1-20W) 500mA DALI / TOUCH DIMM
 930558 POWERLED CONVERTOR 20W 500 mA IP20			

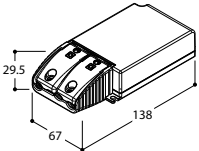
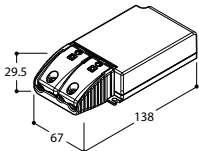
600mA CONSTANT CURRENT CONVERTERS

technical info

TORNADO (PREVALED)	TYPE
TOMMY, ECLIPS	FIXTURE
600	MAX. CURRENT
27	P (W)
45	TYPICAL FORWARD VOLTAGE V _F

Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage (V)	Output range (V)
930650	POWERLED CONVERTER + WIRING 35W 1x3000lm	YES	INDOOR	NOT	20		198-264	27 - 54
930651	POWERLED CONVERTER + WIRING 35W DALI / TOUCH DIMM 1x3000lm	YES	INDOOR	DALI / TOUCH DIMM	20		198-264	15 - 54

Luminaires Quantity	
1	
1	

NOT DIMMABLE	MAINS DIMM L/C	1-10V DIMM	DALI / TOUCH DIMM
 930650 POWERLED CONVERTER + WIRING [35W] 1x3000lm 600mA			 930651 POWERLED CONVERTER + WIRING [35W] DALI / TOUCH DIMM 1x3000lm 600mA

700mA CONSTANT CURRENT CONVERTERS

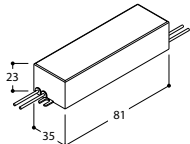
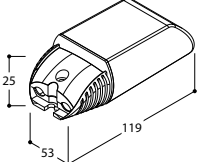
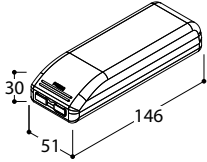
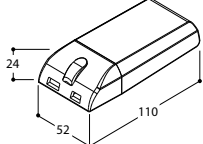
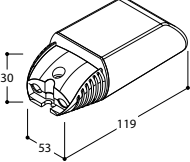
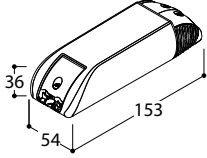
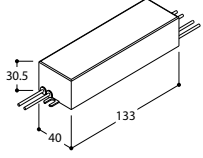
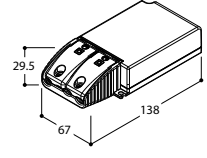
technical info

TYPE	LUXEON M	CRÉE XPG
FIXTURE	HALOLED: DREBBEL, ECLIPS, FUNNEL, HELAX, MINI RASPUTIN, MINI TOMMY, SIMPLON, SOLID, SPINA, DEIMOS	B4, ODILON, ODIL WC
MAX. CURRENT	700	700
P (W)	7,84	7,91
TYPICAL FORWARD VOLTAGE V_f	11,2	11,32

Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage (V)	Output range (V)		
930592	POWERLED CONVERTER 25W MAINS DIMM L,C	YES	INDOOR	MAINS DIMM L,C	20	□	230-240	7 - 14	1	1
930705	POWERLED CONVERTER 12W SMALL	NO	IN&OUTDOOR	NOT	67	□	120-240	2 - 18	1	1
930578	POWERLED CONVERTOR 1-20W DIMMABLE 1-10V	YES	INDOOR	1-10V DIMM	20	□	180-240	6 - 28,6	1-2	1-2
930587	POWERLED CONVERTOR 15W DALI / TOUCH DIMM	YES	INDOOR	DALI / TOUCH DIMM	20	□	198-264	7,5 - 26	1-2	1-2
930589	POWERLED CONVERTER 25W MAINS DIMM L,C	YES	INDOOR	MAINS DIMM L,C	67	□	220-240	16 - 35	2-3	2-3
930590	POWERLED CONVERTER 35W MAINS DIMM L,C	YES	INDOOR	MAINS DIMM L,C	20	□	220-240	27 - 50	3-4	3-4
930582	POWERLED CONVERTER 35W DALI / TOUCH DIMM	YES	INDOOR	DALI / TOUCH DIMM	20	□	198-264	22 - 54	2-4	2-4
932100	POWERLED CONVERTER 36W DIMMABLE 1-10V	NO	IN&OUTDOOR	1-10V DIMM	67	□	220-240	12 - 48	2-4	2-4

[1] 10% - 30%: SEE LIST COMPATIBLE DIMMERS

700mA CONSTANT CURRENT CONVERTERS

NOT DIMMABLE	MAINS DIMM C	MAINS DIMM L,C	1-10V DIMM	DALI/TOUCH DIMM
 930705 POWERLED CONVERTER 12W 700mA 230V SMALL	 930592 POWERLED REMOTE CONVERTER 10W 700mA 230V IP20	 930589 POWERLED CONVERTER 25W 700mA 230V IP67 MAINS DIMM L,C	 930578 POWERLED CONVERTOR 1-20W 700mA DIMMABLE 1-10V	 930587 POWERLED CONVERTER 15W 700mA 230V DALI / TOUCH DIMM IP20
		 930590 POWERLED CONVERTER 35W 700mA 230V IP20 MAINS DIMM L,C	 932100 POWERLED CONVERTER 36W 700mA 230V IP67 DIMMABLE 1-10V	 930582 POWERLED CONVERTER 35W 700mA 230V DALI / TOUCH DIMM IP20

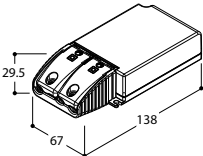
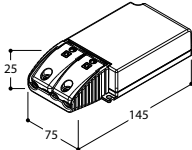
900mA CONSTANT CURRENT CONVERTERS

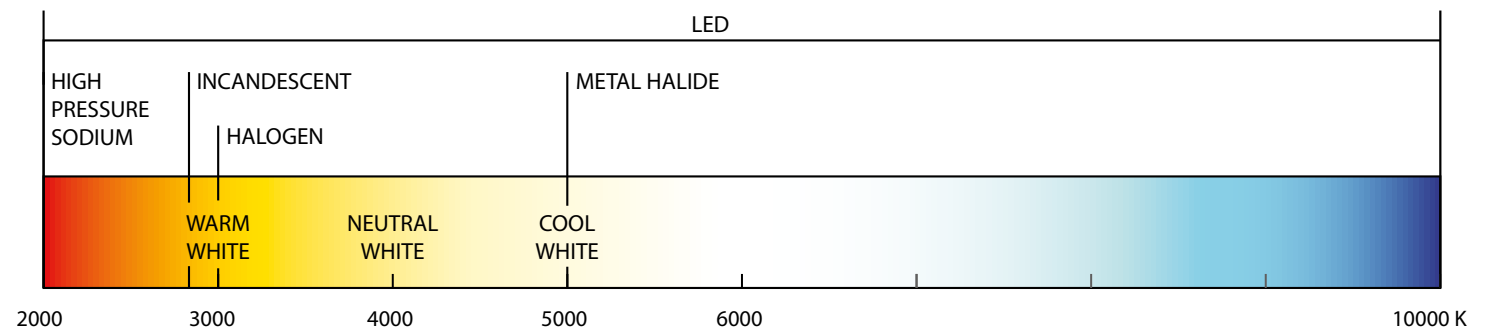
technical info

Artnr	Converter Type	Strain Relief	Application	Dimmable	IP	Class	Input voltage (V)	Output range (V)
930652	POWERLED CONVERTER + WIRING (50W) FAN 1x5000lm	YES	INDOOR	NOT	20		198-264	27 - 54
930653	POWERLED CONVERTER + WIRING (50W) FAN DALI / TOUCH DIMM 1x5000lm	YES	INDOOR	DALI / TOUCH DIMM	20		198-264	15 - 54

TORNADO	TYPE
TOMMY, ECLIPS	FIXTURE
900	MAX. CURRENT
38,4	P (W)
42,6	TYPICAL FORWARD VOLTAGE V _F

Luminaires Quantity	
1	
1	

NOT DIMMABLE	MAINS DIMM C	1-10V DIMM	DALI / TOUCH DIMM
 930652 POWERLED CONVERTER + WIRING (50W) FAN 1X5000lm 900mA			 930653 POWERLED CONVERTER + WIRING (50W) FAN DALI / TOUCH DIMM 1x5000lm 900mA



There are three main values to define the quality of the light from a fixture or lamp:

- 1) COLOR TEMPERATURE
- 2) COLOR RENDERING INDEX
- 3) COLOR CONSISTENCY

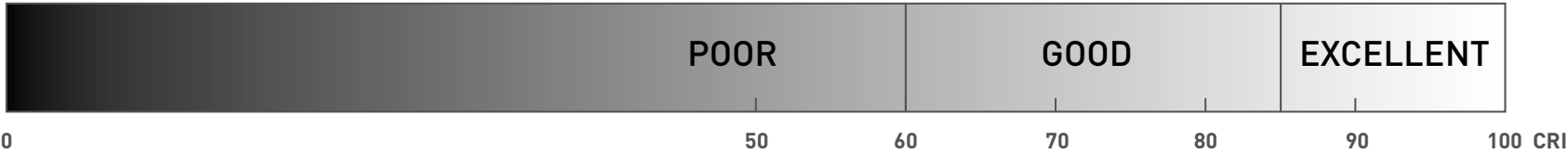
QUALITY OF LIGHT

1) COLOR TEMPERATURE

Color temperature is a description of the warmth or coolness of a light source. When a piece of metal is heated, so called 'black body', the color of light it emits will change. This color begins as red in appearance and graduates to orange, yellow, white, and then blue-white to deeper colors of blue. The temperature of this metal is a physical measure in degrees Kelvin or absolute temperature. While lamps other than incandescent do not exactly mimic the output of this piece of metal, we utilize the correlated color temperature (or Kelvins) to describe the appearance of that light source as it relates to the appearance of the piece of metal (specifically a black body radiator).

By convention, yellow-red colors (like the flames of a fire) are considered warm, and blue-green colors (like light from an overcast sky) are considered cool. Confusingly, higher Kelvin temperatures (3600–5500 K) are what we consider cool and lower color temperatures (2700–3000 K) are considered warm. Cool light is preferred for visual tasks because it produces higher contrast than warm light. Warm light is preferred for living spaces because it is more flattering to skin tones and clothing. A color temperature of 2700–3600 K is generally recommended for most indoor general and task lighting applications. Color Temperature is not an indicator of lamp heat.

CRI (Ra)	Importance	Typical application	possible LAMPTYPES						
90-100	accurate color matching	Galleries, medical examinations, colour mixing	Incandescent	Metal halide	Fluorescent	High pressure sodium	n/a	n/a	LED
80-90	accurate color judgement	Home, hotels, offices, schools	n/a				n/a		
60-80	moderate color rendering	Industry, offices, schools	n/a	n/a			n/a		
40-60	accurate color rendering is of little importance	Industry, sports halls	n/a					n/a	
20-40	accurate color rendering is of no importance	Traffic lighting	n/a	n/a			n/a	Low pressure sodium	



QUALITY OF LIGHT

2) COLOR RENDERING INDEX

CRI, or Color Rendering Index, is a measurement of a light source’s accuracy in rendering different colors when compared to a reference light source with the same correlated color temperature. It generally ranges from 0 for a source like a low-pressure sodium vapor lamp, which is monochromatic, to 100, for a source like an incandescent light bulb, which emits essentially blackbody radiation. The higher the CRI, the better the visual perception of colors. CRI is related to color temperature, in that the CRI measures for a pair of light sources can only be compared if they have the same color temperature.

The highest attainable CRI is 100. Lamps with CRIs above 70 are typically used in office and living environments. A standard “cool white” fluorescent lamp will have a CRI near 62. A standard “cool white” led has a CRI of 75 and “warm white” 80-85.

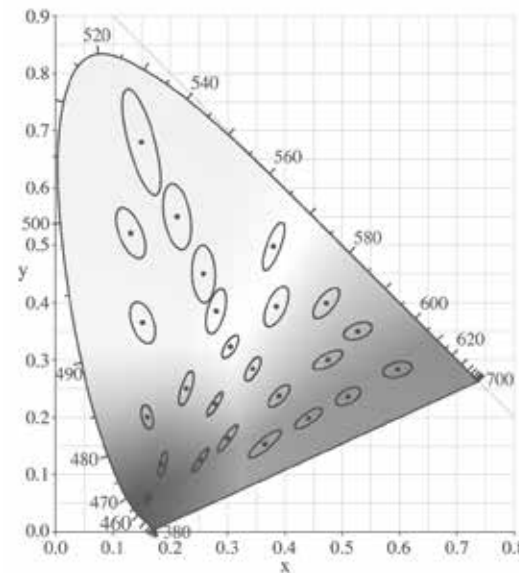
QUALITY OF LIGHT

3) COLOR CONSISTENCY

Color consistency refers to the average amount of variation in chromaticity among a batch of supposedly identical lamp samples. Generally speaking, the more complicated the physics and chemistry of the light source, the more difficult it is to manufacture with consistent color properties. This is why consistency is a problem for some light sources, particularly metal halide and LEDs. Different samples from the same batch may exhibit different chromaticities. To limit this variation, the lighting industry uses a color consistency system based on MacAdam ellipses. It was found by MacAdam that all homogeneous color matches made by an observer fell into an ellipse on the CIE 1931 chromaticity diagram (see beneath). The measurements were made at 25 points on the chromaticity diagram, and it was found that the size and orientation of the ellipses on the diagram varied widely depending on the test color. These 25 ellipses measured by MacAdam, for an observer are shown on the chromaticity diagram beneath.

So a homogeneous color impression results in an elliptical area within the CIE 1931 (x,y)-chromaticity diagram, the so called MacAdam ellipse with size 1 SDCM (or 1 STEP).

CIE 1931 (X,Y)-CHROMATICITY DIAGRAM



The size of a MacAdam ellipse is given by the so called Standard Deviation of Color Matching (SDCM). The bigger this size of the ellipse, the more color differences are visible:

	Size of MacAdam ellipse in SDCM / MacAdam step		
	1	2-4	>4
quality of color homogeneity within the ellipse	no color differences visible	small color differences visible	color differences visible
application	architectural white lighting scenes	general lighting	non critical applications

There are basically three ways of classifying fixtures as far as their design and construction are concerned:

1) ELECTRICAL SAFETY

According to the sort of protection offered against electric shock

2) DUST AND MOISTURE PROTECTION (IP CLASSIFICATION)

3) DEGREE OF FLAMMABILITY OF THE MOUNTING SURFACE

The following are summaries of the classifications detailed in IEC 598 - Part 1.

CLASSIFICATION OF FIXTURES

1) ELECTRICAL SAFETY

The electrical safety classification drawn up by the IEC embraces 3 main fixture classes: **Class I, II and III**.

They can be summarised as follows:



CLASS I

Fixtures in this class, apart from being electrically insulated, are also provided with an earthing point (labelled) connecting all those exposed metal parts that could conceivably become live in the presence of a fault condition.

Where the luminaire is provided with a flexible power lead, this must include an earth wire. Where this is not the case, the degree of electrical protection afforded by the luminaire is the same as that afforded by one of Class 0.

Where a connection block is employed instead of a power lead, the metal housing must be connected to the earth terminal on the block. The provision made for earthing the luminaire must in all other respects satisfy the requirements for Class I.



CLASS II

Class II fixtures are so designed and constructed that exposed metal parts cannot become live. This can be achieved by means of either reinforced or double insulation, there being no provision for protective earthing.

In the case of a luminaire provided with an earth contact as an aid to lamp starting, but where this earth is not connected to exposed metal parts, the luminaire is nevertheless regarded as being of Class II.

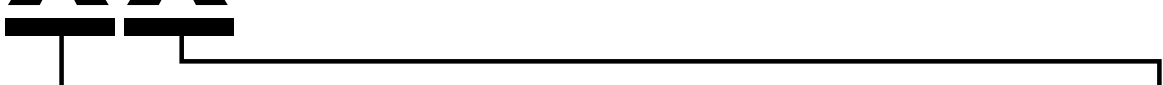
A luminaire having double or reinforced insulation and provided with an earth connection or earth contact must be regarded as a Class I luminaire. However, where the earth wire passes through the luminaire as part of the provisions for through-wiring the installation, and is electrically insulated from the luminaire using Class II insulation, then the luminaire remains Class II.



CLASS III

The fixtures in this class are those in which protection against electric shock relies on supply at Safety Extra-Low Voltage (SELV), and in which voltages higher than those of SELV (50 V AC r.m.s.) are not generated. An AC operating voltage of 42 volt maximum is common. A Class III luminaire should not be provided with a means for protective earthing.

IP XX



CODE	Degree of protection (solids)
0	No protection
1	Protection against large foreign bodies (diameter <50 mm)
2	Protection against medium foreign bodies (diameter <12,5 mm)
3	Protection against small foreign bodies (diameter <2,5 mm)
4	Protection against small foreign bodies (diameter <1 mm)
5	Dust Protected
6	Dust-tight

CODE	Degree of protection (water)
0	No protection
1	Protection against vertical water drops
2	Protection against inclined water drops (15° from vertical)
3	Protection against splash water from all directions (60° from vertical)
4	Protection against splash water from all directions*
5	Protection against water jets from any angle*
6	Protection against temporary flooding*
7	Protection against water submersion to 1 m for 30 min.
8	Protection against high pressure water and submersion for an indefinite time

* Limited ingress permitted

CLASSIFICATION OF FIXTURES

2) DUST AND MOISTURE PROTECTION (IP CLASSIFICATION)

The IP (International Protection) system drawn up by the IEC classifies fixtures according to the degree of protection afforded against the ingress of foreign bodies, dust and moisture. The term foreign bodies includes such things as tools and fingers coming into contact with live parts.

The designation to indicate the degrees of protection consists of the characteristic letters IP followed by two numerals indicating conformity with the conditions stated in two tables. The first of these so-called 'characteristic numerals' is an indication of the protection against the ingress of foreign bodies and dust, while the second numeral indicates the degree of sealing against the penetration of water.



OVERVIEW INDOOR FIXTURES ≥ IP 54

technical info

≥ IP 54

HELAX 70 OUT HALOLED LEAF P. 92-403



HELAX 70 OUT HALOLED LEAF

LUXEON M 7,84W
700mA DC
755 lumen
diminable PWM or CCR
beam 36°

95(80)
2
78

70 mm
Installation height 100 (85) mm

TEXT. WHITE	249047	249057
TEXT. BLACK	249044	249054

CONVERTER p. 560

HELAX 70 OUT HALOLED TORSION P. 92-403



HELAX 70 OUT HALOLED TORSION

LUXEON M 7,84W
700mA DC
755 lumen
diminable PWM or CCR
beam 36°

80
2
78

70 mm
Installation height 85 mm

TEXT. WHITE	249017	249027
TEXT. BLACK	249016	249026

CONVERTER p. 560

HELAX SML IP54 LEAF P. 102-404



HELAX SML IP54 LEAF

LUXEON M 3,82W
350mA DC
diminable PWM or CCR
400 lumen
beam 36°

56
64

56 mm
Installation height 70 (55) mm

TEXT. WHITE	178547	178557
TEXT. BLACK	178526	178536

56 mm solid ceilings
55 mm hollow ceilings

CONVERTER p. 554

HELAX SML IP54 TORSION P. 102-404



HELAX SML IP54 TORSION

LUXEON M 3,82W
350mA DC
diminable PWM or CCR
400 lumen
beam 36°

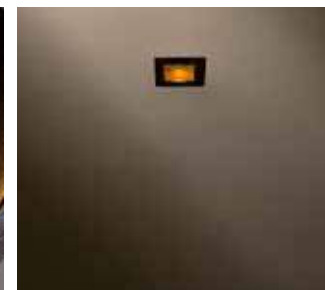
55
64

55 mm
Installation height 65 mm

TEXT. WHITE	178647	178657
TEXT. BLACK	178626	178636

CONVERTER p. 554

MICRO TOMMY IP54 P. 129



MICRO TOMMY IP54

LUXEON M 3,82W
350mA DC
diminable PWM or CCR
400 lumen
beam 36°

55
60
60

52 x 52 mm
Installation height 60 mm

TEXT. WHITE	472147	472137
TEXT. BLACK	472126	472116
TEXT. WHITE & BLACK FOCUS	472194	472184
BLACK & GOLD	472194	472184
TEXT. WHITE & BLACK INSIDE	472195	472185
TEXT. WHITE + GOLD	472192	472182

MICRO FRAME FOR PLASTER 419199 140 x 85 x H40 mm
MICRO BOX FOR PLASTER FINISH 419197 155 x 85 x H90 mm

CONVERTER p. 554

SPINA ON SPLASH IP54 P. 201



SPINA ON SPLASH IP54

LUXEON M LED 7,84W
230V~ AC
mainly dimmable L.C
400 lumen

80
80

80 mm
Installation height 75 (90) mm

TEXT. WHITE	433847	433848
TEXT. BLACK	433826	433827
TEXT. WHITE + GOLD	433892	433893
BLACK + GOLD	433896	433897

CONVERTER p. 560

B4 OUT LEAF P. 354



B4 OUT LEAF

CREE XPB 8W
700mA DC
Diminable PWM or CCR
832 lumen
CRI 92

80
93
103
13.5

80 mm
Installation height 75 (90) mm

TEXT. WHITE	294347	294447	294547	294357	294457	294557
TEXT. BLACK	294326	294426	294526	294336	294436	294536

CONVERTER p. 560

MINI HELAX OUT 400 LUMEN P. 402



MINI HELAX OUT 400 LUMEN

LUX M 3,82W
350mA DC
diminable PWM or CCR
beam 36°

40
40

40 mm
Installation height 60 mm

TEXT. BLACK	178946	178947
TEXT. WHITE	178940	178941

CONVERTER p. 554

HELAX SML OUT HALOLED P. 405



HELAX SML OUT HALOLED

LUXEON M 7,84W
700mA DC
diminable PWM or CCR
755 lumen
beam 36°

95(80)
2
103

95 mm
Installation height 100 (85) mm

TEXT. WHITE	249147	249197
TEXT. BLACK	249146	249156

CONVERTER p. 560

≥ IP 54

OVERVIEW OUTDOOR FIXTURES FOR INDOOR ≥ IP 54

BRIX SINGLE BEAM IP65 P. 392



BRIX SINGLE BEAM IP65

LUXEON M 3,82W
230V - AC
dimable L.C
400 lumen
UP/DOWN 70°

A++

2700K 3000K

TEXTURED BLACK	260941	260931
TEXTURED GREY	260943	260933
SILVER ANTHRACITE	260947	260937
SILVER SAND	260948	260938

p. 396

BRIX UP/DOWN IP65 P. 392



BRIX UP/DOWN IP65

LUXEON M (x2) 3,82W
230V - AC
dimable L.C
2x 400 lumen
UP/DOWN 70°

A++

2700K 3000K

TEXTURED BLACK	260942	260932
TEXTURED GREY	260944	260934
SILVER ANTHRACITE	260946	260936
SILVER SAND	260945	260935

p. 396

BRIX LONG SINGLE BEAM IP65 P. 395



BRIX LONG SINGLE BEAM IP65

LUXEON M 3,82W
230V - AC
dimable L.C
400 lumen
UP/DOWN 70°

A++

2700K 3000K

TEXTURED BLACK	264941	264931
TEXTURED GREY	264943	264933
SILVER ANTHRACITE	264947	264937
SILVER SAND	264948	264938

BRIX LONG UP/DOWN IP65 P. 395



BRIX LONG UP/DOWN IP65

LUXEON M (x2) 3,82W
230V - AC
dimable L.C
2x 400 lumen
UP/DOWN 70°

A++

2700K 3000K

TEXTURED BLACK	264942	264932
TEXTURED GREY	264944	264934
SILVER ANTHRACITE	264946	264936
SILVER SAND	264945	264935

BRIX UP/DOWN IP65 P. 392



BRIX UP/DOWN IP65

LUXEON M (x2) 3,82W
230V - AC
dimable L.C
2x 400 lumen
UP/DOWN 70°

A++

2700K 3000K

TEXTURED BLACK	260942	260932
TEXTURED GREY	260944	260934
SILVER ANTHRACITE	260946	260936
SILVER SAND	260945	260935

p. 396

BRIX CEILING P. 396



BRIX CEILING

LUXEON M 3,82W
230V - AC
dimable L.C
400 Lumen
beam 36°

A++

2700K 3000K

TEXTURED BLACK	260972	260982
TEXTURED GREY	260976	260986
SILVER ANTHRACITE	260974	260984
SILVER SAND	260975	260985

p. 396

CLASSIFICATION OF FIXTURES

3) DEGREE OF FLAMMABILITY OF THE MOUNTING SURFACE

Fixtures cannot be mounted on just any convenient surface. The flammability of that surface and the temperature of the luminaire mounting plate impose certain restrictions in this respect. Naturally, if the surface is non-combustible, or if a certain distance spacer is employed, there is no problem. For the purpose of classification, the IEC defines flammable surfaces as being either normally flammable or readily flammable. Normally flammable refers to those materials having an ignition temperature of at least 200 °C and that will not deform or weaken at this temperature. Readily flammable are those materials that cannot be classified as either normally flammable or non-combustible. Materials in this category are not suitable as mounting surfaces for fixtures. Suspended mounting is then the only solution. The permitted temperature of that part of the luminaire housing coming into contact with the mounting surface is laid down in the so-called F-requirements. Fixtures that satisfy these requirements may bear symbol .

IEC LUMINAIRE CLASSIFICATION ACCORDING TO FLAMMABILITY

- a. Fixtures suitable for direct mounting only on non-combustible surfaces > No symbol, but a warning notice is required.
- b. Fixtures without built-in ballasts or transformers suitable for direct mounting on normally flammable surfaces > No symbol.
- c. Fixtures with built-in ballasts or transformers suitable for direct mounting on normally flammable surfaces > symbol .

	UK APPLICATION	F APPLICATION	D ANWENDUNG	NL TOEPASSING	E APLICACIÓN	I APPLICAZIONE
	CEILING MOUNTED SURFACE	PLAFONNIER	DECKENAUFBAU	PLAFONDMONTAGE OPBOUW	MONTAJE A TECHO	SOFFITTO
	CEILING MOUNTED TRIMLESS	PLAFONNIER SANS COLORETTE	DECKENEINBAU RAHMENLOS	PLAFONDMONTAGE INBOUW RANDLOOS	MONTAJE A TECHO SIN MARCO	SOFFITTO SENZA CORNICE
	CEILING MOUNTED RECESSED SOLID	ENCASTRE PLAFOND	DECKENEINBAU FÜR BETONDECKEN	PLAFONDMONTAGE INBOUW VOL PLAFOND	EMPOTRAJE A TECHO DE HORMIGON	INCASSO SOFFITTO
	CEILING MOUNTED RECESSED HOLLOW	ENCASTRE POUR FAUX PLAFONDS	DECKENEINBAU FÜR HOHLRAUMDECKEN	PLAFONDMONTAGE INBOUW HOL PLAFOND	MONTAJE A FALSO TECHO	INCASSO SOFFITTO CAVO
	CEILING MOUNTED SEMI-RECESSED	SEMI-ENCASTRE	HALBEINBAU	PLAFONDMONTAGE HALF INBOUW	MONTAJE A TECHO MEDIO EMPOTRADO	SOFFITTO SEMI INCASSO
	SUSPENDED	SUSPENSION	ABGELENDET	GELENDELD	SUSPENDIDA	SOSPESO
	WALL MOUNTED SURFACE	APPLIQUE	WANDAUFBAU	WANDMONTAGE OPBOUW	MONTAJE A PARED	PARETE
	WALL MOUNTED TRIMLESS	APPLIQUE SANS COLORETTE	WANDEINBAU RAHMENLOS	WANDMONTAGE INBOUW RANDLOOS	MONTAJE A PARED SIN MARCO	PARETE SENZA CORNICE
	WALL MOUNTED RECESSED SOLID	ENCASTRE MURAL	WANDEINBAULEUCHTE FÜR BETON	WANDMONTAGE INBOUW VOLLE WAND	EMPOTRAJE A PARED DE HORMIGON	PARETE INCASSO
	WALL MOUNTED RECESSED HOLLOW	ENCASTRE MURAL POUR PAROIS CREUSES	WANDEINBAULEUCHTE FÜR HOHLRAUMWAND	WANDMONTAGE INBOUW HOLLE WAND	MONTAJE A FALSA PARED	PARETE INCASSO CAVO
	WALL MOUNTED SEMI-RECESSED	APPLIQUE SEMI-ENCASTREE	HALBEINBAU	WANDMONTAGE HALF INBOUW	MONTAJE A PARED MEDIO EMPOTRADO	PARETE SEMI INCASSO
	FLOOR	SOL	STEHLEUCHTE	VLOERMONTAGE	SUELO	PAVIMENTO
	FLOOR RECESSED	ENCASTRE SOL	BODENEINBAU	VLOERMONTAGE INBOUW	EMPOTRABLE A SUELO	INCASSO NEL PAVIMENTO
	FLOOR RECESSED FLUSH	ENCASTRE AU RAS DU SOL	BODENEINBAU BÜNDIG	EFFEN VLOERMONTAGE	EMPOTRABLE DE SUELO A RAS	A FILO PAVIMENTO
	STAND ALONE	LAMPE À POSER	FREISTEHEND	VRIJSTAAND	LAMPARA DE MESA	A PIANTANA
	LAYERS	LAYERS	LAYERS	LAYERS	LAYERS	LAYERS
	EXTERIOR	ÉCLAIRAGE EXTÉRIEUR	AUSSENLEUCHTEN	BUITENVERLICHTING	ILLUMINAZIONE PER ESTERNI	ILUMINACIÓN EXTERIOR
	PROFILES	PROFILÉS	PROFILE	PROFIELSYSTEMEN	PROFILI	PERFILES
	TRACK	ÉCLAIRAGE SUR RAIL	TRACK SCHIENE	RAILVERLICHTING	ILLUMINAZIONE A BINARIO	ILUMINACIÓN PARA CARRIL

PROPERTIES

technical info

	UK APPLICATION	F APPLICATION	D ANWENDUNG	NL TOEPASSING	E APLICACIÓN	I APPLICAZIONE
	INTERIOR USE	USAGE INTERIEUR	INNENBEREICH	BINNENGEBRUIK	USO INTERIOR	USO INTERNO
	EXTERIOR USE	USAGE EXTERIEUR	AUSSENBEREICH	BUITENGEBRUIK	USO EXTERIOR	USO ESTERNO
	NORMALLY FLAMMABLE SURFACE	SURFACE NORMALEMENT INFLAMMABLE	FEUERSCHUTZZEICHEN	NORMAAL ONTVLAMBARE OPPERVLAKTEN	SUPERFICIES NORMALMENTE INFLAMMABLES	SUPERFICI NORMALMENTE INFIAMMABILI
	IP RATING	INDICE DE PROTECTION	IP SCHUTZART	IP WAARDE	GRADO DE PROTECCIÓN	GRADO DI PROTEZIONE
	OBLIGATORY ACCESSORY	ACCESSOIRE OBLIGATOIRE	OBLIGATORISCHE ZUBEHÖR	VERPLICHT ACCESSOIRE	ACCESORIO OBLIGATORIO	ACCESSORIO OBBLIGATORIO
	OPTIONAL ACCESSORY	ACCESSOIRE OPTIONNEL	OPTIONALES ZUBEHÖR	OPTIE	ACCESORIO OPCIONAL	ACCESSORIO OPZIONALE
	CONFORMANCE EU	CONFORME AUX NORMES CE	KONFORM EU	CONFORMITEITSTEKEN EU	CONFORME EU	CONFORME EU
	ROTATION	ROTATIF	DREHBAR	HORIZONTALE RICHTBAARHEID	ROTACIÓN HORIZONTAL	ROTATIVO
	TILT	INCLINABLE	SCHWENKBAR	VERTICALE RICHTBAARHEID	ROTACIÓN VERTICAL	AGGIUSTABILE
	GIMBLE	ORIENTABLE	KARDANISCH	KARDANISCH	ORIENTABLE	BASCULANTE
	EFFICIENCY > 100 lm/W	RENDEMENT > 100 lm/W	EFFIZIENZ > 100 lm/W	RENDEMENT > 100 lm/W	EFICIENCIA > 100 lm/W	EFFICIENZA > 100 lm/W
	90 lm/W < EFFICIENCY < 100 lm/W	90 lm/W < RENDEMENT < 100 lm/W	90 lm/W < EFFIZIENZ < 100 lm/W	90 lm/W < RENDEMENT < 100 lm/W	90 lm/W < EFICIENCIA < 100 lm/W	90 lm/W < EFFICIENZA < 100 lm/W
	80 lm/W < EFFICIENCY < 90 lm/W	80 lm/W < RENDEMENT < 90 lm/W	80 lm/W < EFFIZIENZ < 90 lm/W	80 lm/W < RENDEMENT < 90 lm/W	80 lm/W < EFICIENCIA < 90 lm/W	80 lm/W < EFFICIENZA < 90 lm/W
	70 lm/W < EFFICIENCY < 80 lm/W	70 lm/W < RENDEMENT < 80 lm/W	70 lm/W < EFFIZIENZ < 80 lm/W	70 lm/W < RENDEMENT < 80 lm/W	70 lm/W < EFICIENCIA < 80 lm/W	70 lm/W < EFFICIENZA < 80 lm/W
	WEIGHT	POIDS	GEWICHT	GEWICHT	PESO	PESO

	UK APPLICATION	F APPLICATION	D ANWENDUNG	NL TOEPASSING	E APLICACIÓN	I APPLICAZIONE
	CLASS 1	CLASSE 1	KLASSE 1	KLASSE 1	CLASE 1	CLASSE 1
	CLASS 2	CLASSE 2	KLASSE 2	KLASSE 2	CLASE 2	CLASSE 2
	CLASS 3	CLASSE 3	KLASSE 3	KLASSE 3	CLASE 3	CLASSE 3
	ELECTRONICAL GEAR	APPAREILLAGE ÉLECTRONIQUE	ELEKTRONISCHES VORSCHALT-GERÄT	ELECTRONISCHE VOORSCHAKELAP-PARATUUR	EQUIPO ELECTRÓNICO	PIASTRA ELETTRONICA
	MAINS VOLTAGE	TENSION RÉSEAU	NETZSPANNUNG	NETSPANNING	RED DE VOLTAJE	TENSIONE DI RETE
	ELECTRONICAL GEAR REQUIRED	APPAREILLAGE ÉLECTRONIQUE OBLIGATOIRE	ELEKTRONISCHES VORSCHALT-GERÄT ERFORDERLICH	ELECTRONISCHE VOORSCHAKELAP-PARATUUR VEREIST	SE REQUIERE EQUIPO ELECTRONICO	PIASTRA ELETTRONICA RICHIESTA
C	DIMMABLE WITH TRAILING EDGE DIMMER	DIMMABLE PAR VARIATEUR EN COUPURE FIN DE PHASE	DIMMBAR MIT PHASENAB-SCHNITTDIMMER	DIMBAAR MET FASE-AFSNIJDIMMER	DIMERIZABLE CON DIMER CORTE AL FINAL DE FASE	DIMMERABILE CON TRAILING EDGE DIMMER
L,C	DIMMABLE WITH UNIVERSAL DIMMER	DIMMABLE PAR VARIATEUR UNIVERSEL	DIMMBAR MIT PHASENANSCHNITT-/PHASENABSCHNITTDIMMER	DIMBAAR MET FASE-AANSNIJDIMMER OF FASE-AFSNIJDIMMER	DIMERIZABLE CON DIMER CORTE AL PRINCIPIO O AL FINAL DE FASE	DIMMERABILE CON TRAILING O LEADING EDGE DIMMER
L	DIMMABLE WITH LEADING EDGE DIMMER	DIMMABLE PAR VARIATEUR EN ATTAQUE DE PHASE	PHASENANSCHNITTDIMMER	DIMBAAR MET FASE-AANSNIJDIMMER	DIMERIZABLE CON DIMER CORTE AL PRINCIPIO DE FASE	DIMMERABILE CON DIMMER LEADING EDGE
R	DIMMABLE WITH STANDARD DIMMER	DIMMABLE PAR VARIATEUR STANDARD	DIMMBAR MIT STANDARTDIMMER	DIMBAAR MET STANDAARDDIMMER	DIMERIZABLE CON DIMER ESTÁNDAR	DIMMERABILE CON DIMMER STANDARD
PWM	PULSE WIDTH MODULATION	MODULATION DE LARGEUR D'IMPULSION	PULSWEITENMODULATION	PULSE BREEDTE MODULATIE	MODULACIÓN DE ANCHO DE PULSO	MODULAZIONE LARGHEZZA DI IMPULSO

CUT OUT

	UK CUT OUT	F DECOUPE	D AUSSCHNITT	NL ZAAGGAT	E CORTE	I TAGLIO
	CUT OUT ROUND	DECOUPE RONDE	AUSSCHNITT RUND	INBOUWOPENING ROND	CORTE REDONDO	TAGLIO ROTONDO
	CUT OUT SQUARE	DECOUPE SQUARE	AUSSCHNITT QUADRATISCH	INBOUWOPENING VIERKANT	CORTE CUADRADO	TAGLIO QUADRATO

OVERVIEW LEDSYSTEMS

technical info

	TYPE	COLORTEMP	FIXTURE	CRI	180 mA				300 mA				350 mA			
					lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF
	CREE XPE	2700	MINI HELAX, CHROMOS, DIABOLO S, DICE WALL, LUCY M, ELITE XT, BLOX, GREG, HEB, GUIDO, LISDODDE	80									94	1,2	78	3,2
	CREE XPE	3000		80									94	1,2	78	3,2
	CREE XPE	6250		75									114	1,2	95	3,2
	TRIPLE LED	2700	GREGORY**	80									282	3,36	84	9,6
	TRIPLE LED	3000	GREGORY**	80									282	3,36	84	9,6
	TRIPLE LED	6250	GREGORY**	75									342	3,36	102	9,6
	XICATO XTM 6,3W	2700	MINI HELVA, MINI INTANA, MINI UBO/OBO	95									720	6,3	97	18,1
	LED LINEAR ARRAY 300Lm	2700	MAZ**	82									300	2	150	5,9
	LED LINEAR ARRAY 300Lm	3000	MAZ**	82									300	2	150	5,9
	LED LINEAR ARRAY 600Lm	2700	MAZ, EOS**	82									600	4,1	146	11,8
	LED LINEAR ARRAY 600Lm	3000	MAZ, EOS**	82									600	4,1	146	11,8
	LED LINEAR ARRAY 1200Lm	2700	EOS**	82									1200	8,2	146	23,6
	LED LINEAR ARRAY 1200Lm	3000	EOS**	82									1200	8,2	146	23,6
	CITIZEN 7W	2700	BOA, LUCY S**	85												
	CITIZEN 7W	3000	BOA, LUCY S**	85												
	BRIDGELUX COB 6,2W	2700	CEDRUS QUANTUM	80									720	6,2	116	17,7
	BEAUFORT CRI 82*	2700	MINI TOMMY, ECLIPS, INCAS R	82	635	6,6	96	36,6								
	BEAUFORT CRI 82*	3000	MINI TOMMY, ECLIPS, INCAS R	82	675	6,6	102	36,6								
	BEAUFORT CRI 92	2700	MINI TOMMY, ECLIPS, INCAS R	92	758	6,22	122	34,6								
	BEAUFORT CRI 92	3000	MINI TOMMY, ECLIPS, INCAS R	92	793	6,22	127	34,6								
	CITIZEN 13,3W	2700-1800	HELAX HALOSPHERE	90									950	13,3	71,4	37,5
	BEAUFORT² CRI 92	2700	TOMMY, ECLIPS, INCAS R, WODAN	92									1508	12,32	122	35,2
	BEAUFORT² CRI 92	3000	TOMMY, ECLIPS, INCAS R, WODAN	92									1575	12,32	128	35,2
	BEAUFORT² CRI 92	4000	TOMMY, ECLIPS, INCAS R, WODAN	92									1623	12,32	132	35,2
	CREE XP63	2700	PANDORA**, ODIL, ODILON, B4	92												
	CREE XP63	3000	PANDORA**, ODIL, ODILON, B4	92												

* CRI 82 will become CRI 92 during 2018

** Converter incorporated in luminaire

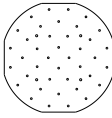
technical info

OVERVIEW LEDSYSTEMS

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OVERVIEW LEDSYSTEMS

technical info

	TYPE	COLORTEMP	FIXTURE	CRI	180 mA				300 mA				350 mA			
					lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF
	LUXEON M	2700	THINK SMALL	80									400	3,82	105	10,95
	LUXEON M	3000	THINK SMALL	80									429	3,82	112	10,95
	LUXEON M	2700	HALOLED	80									400	3,82	105	10,95
	LUXEON M	3000	HALOLED	80									429	3,82	112	10,95
	PHOBOS 24V	2700	MINI UBO/OBO	85									300	3,33	90	9,5
	PHOBOS 24V	3000	MINI UBO/OBO	85									300	3,33	90	9,5
	PHOBOS 24V	6250	MINI UBO/OBO	85									300	3,33	90	9,5
	OSRAM PREVALED DC CORE 1000Lm	2700	BERRIER, PARIS**	90									1365	12,6	108	36
	OSRAM PREVALED DC CORE 3000Lm	3000	SIGMA**	80												
	OSRAM PREVALED DC CORE 3000Lm	4000	SIGMA**	80												
	OSRAM PREVALED DC CORE 3000Lm	3000	ECLIPS, TOMMY	80												
	OSRAM PREVALED DC CORE 3000Lm	4000	ECLIPS, TOMMY	80												
	OSRAM PREVALED DC CORE 5000Lm	3000	ECLIPS, TOMMY	80												
	OSRAM PREVALED DC CORE 5000Lm	4000	ECLIPS, TOMMY	80												
	OSRAM PREVALED DC CORE 5000Lm	4000	ECLIPS, TOMMY	80												
	OSRAM PREVALED LEDSTRIP HE 650Lm	2700	2U, 2UR, 2UW	80												
	OSRAM PREVALED LEDSTRIP HE 650Lm	3000	2U, 2UR, 2UW	80												
	OSRAM PREVALED LEDSTRIP HE 650Lm	4000	2U, 2UR, 2UW	80												
	OSRAM PREVALED LEDSTRIP HO 1100Lm	2700	2U, 2UR, 2UW	80												
	OSRAM PREVALED LEDSTRIP HO 1100Lm	3000	2U, 2UR, 2UW	80												
	OSRAM PREVALED LEDSTRIP HO 1100Lm	4000	2U, 2UR, 2UW	80												
	OSRAM PREVALED LEDSTRIP HO 1100Lm	4000	2U, 2UR, 2UW	80												
	LED SMD ARRAY SMALL	2700	FABIAN, ROLLO, HUBBLE, DIABOLO M**	82												
	LED SMD ARRAY SMALL	3000	FABIAN, ROLLO, HUBBLE, DIABOLO M**	82												
	LED SMD ARRAY SMALL	4000	FABIAN, ROLLO, HUBBLE, DIABOLO M**	82												
	LED SMD ARRAY MEDIUM	3000	LUZIEN LED, ROLLO, HUBBLE**	82												
	LED SMD ARRAY MEDIUM	4000	LUZIEN LED, ROLLO, HUBBLE**	82												
	LED SMD ARRAY LARGE	3000	FABIAN 500**	80												
	LED SMD ARRAY LARGE	4000	FABIAN 500**	80												
	ANNULAR LED ARRAY 1400Lm	2700	ORBITAL	92									1365	11,4	120	32,5
	ANNULAR LED ARRAY 1400Lm	3000	ORBITAL	92									1400	11,4	123	32,5
	ANNULAR LED ARRAY 1000Lm halosphere	3000-1800	ORBITAL	97									1110	11,4	97,5	32,5

* CRI 82 will become CRI 92 during 2018

** Converter incorporated in luminaire

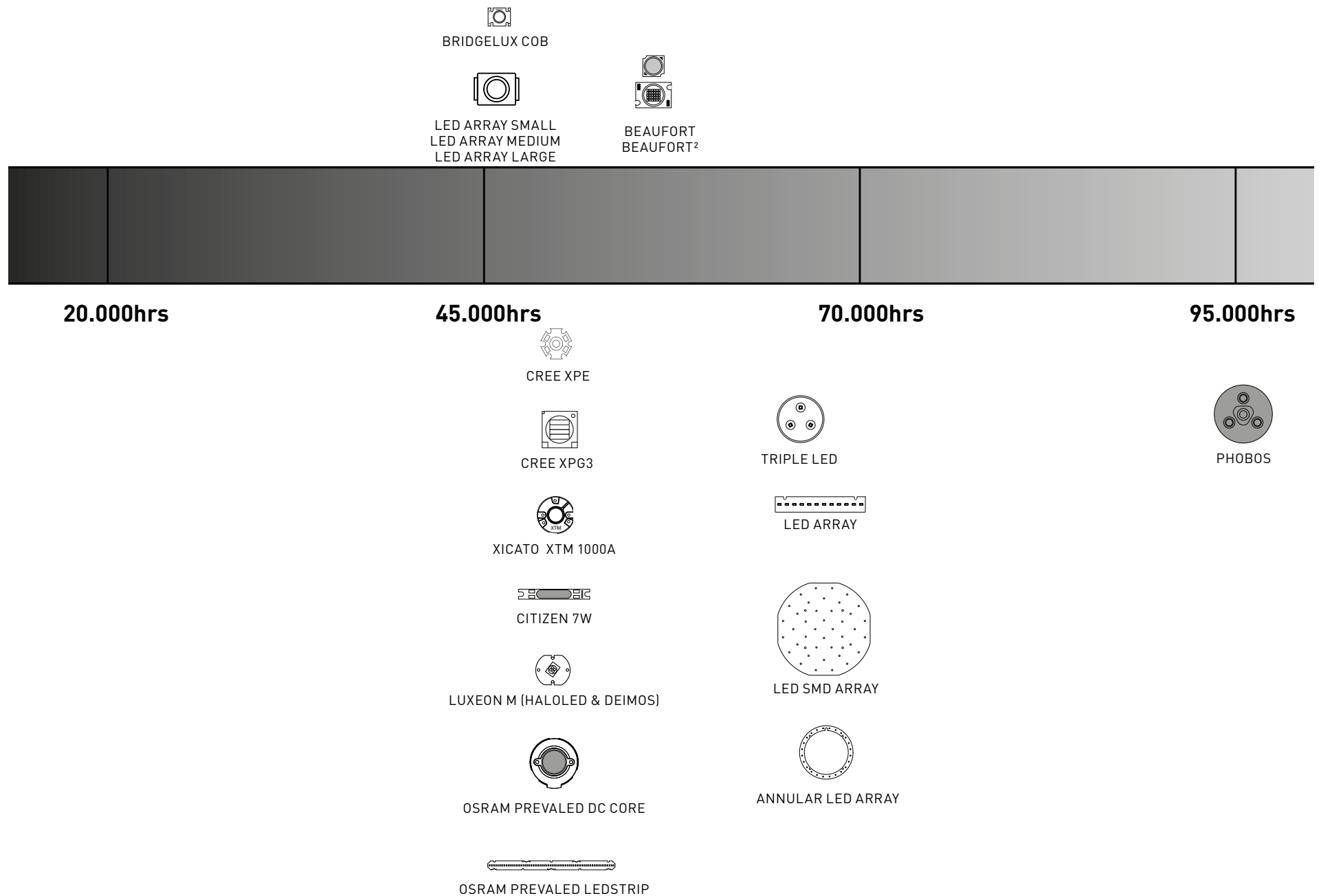
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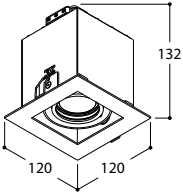
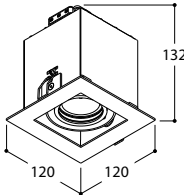
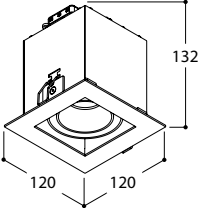
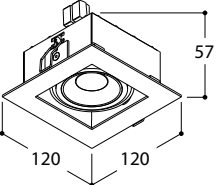
OVERVIEW LEDSYSTEMS

500 mA				600 mA				700 mA				900 mA				230V				SEE CONVERTER**				DIM PROTOCOL LED STRIP	SDCM	LIFETIME L70 IN 1000HRS
lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF	lm	P	lm/P	TYP VF			
																								PWM/CCR	3	50
																								PWM/CCR	3	50
566	5,53	102	11,05					755	7,84	96	11,2													PWM/CCR	3	50
608	5,53	110	11,05					810	7,84	103	11,2													PWM/CCR	3	50
390	5	78	10					540	7,35	73	10,5													NO	3	95
390	5	78	10					540	7,35	73	10,5													NO	3	95
390	5	78	10					540	7,35	73	10,5													NO	3	95
																								PWM/CCR	2,5	50
				3000	21,06	142	35,2																	PWM/CCR	2,5	50
				3000	21,06	142	35,2																	PWM/CCR	2,5	50
				3401	27	126	45,1																	PWM/CCR	2,5	50
				3712	27	137	45																	PWM/CCR	2,5	50
												4613	38,4	120	42,7									PWM/CCR	2,5	50
												5047	38,4	131	42,6									PWM/CCR	2,5	50
																				650	4,4	148	36	PWM/CCR	2,5	50
																				650	4,4	148	36	PWM/CCR	2,5	50
																				650	4,4	148	36	PWM/CCR	2,5	50
																				1100	6,3	175	36	PWM/CCR	2,5	50
																				1100	6,3	175	36	PWM/CCR	2,5	50
																				1100	6,3	175	36	PWM/CCR	2,5	50
2000	13,3	150	28,7																					PWM/CCR	3	45
2000	13,3	150	28,7																					PWM/CCR	3	45
2200	13,3	165	28,7																					PWM/CCR	3	45
								2960	20,11	147	28,55													PWM/CCR	3	45
								3270	20,11	163	31													PWM/CCR	3	45
																				5200	35,2	148	36	PWM/CCR	2,5	50
																				5200	35,2	148	36	PWM/CCR	2,5	50
																								PWM/CCR	3	50
																								PWM/CCR	3	50
																								CCR	3	50

CHARACTERISTICS LEDSYSTEMS

technical info

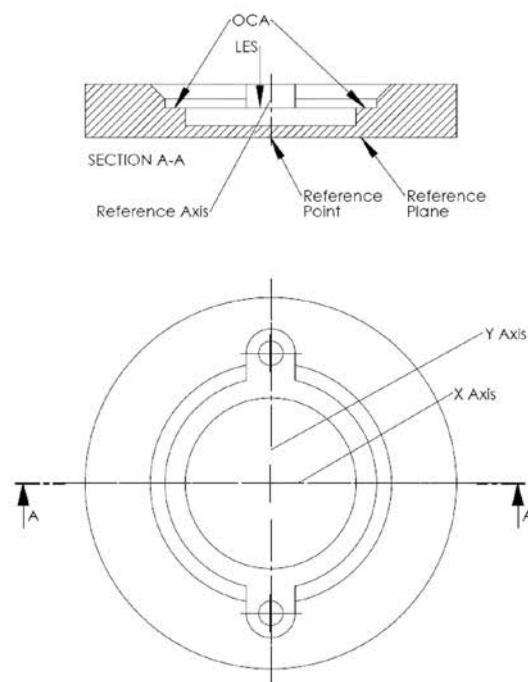


	D	B	A⁺	A⁺⁺
				
	QR-C51	LED PAR16	HALOLED	BEAUFORT
	Halogen	Philips corepro ledspot	Luxeon M	Citizen
				
LIFETIME (hrs) L70	1000-200	15000	50000	60000
COLOR CONSISTENCY (SDCM)	1-2	5-7	3 (freedom of binning)	3
CRI (R _A)	100	80	80	92
DIMMABILITY	L, C (see transformer)	not or poor mains dimmable	PWM	PWM
LUMINOUS INTENSITY @36° (cd)	2439	1236	2455	2465
LUMINOUS FLUX (lm) 2700K	750	380	755	758
POWER CONSUMPTION (W)	50	5	7,84	6,22
EFFICIENCY (lm/W)	15	76	96	122
POWER SUPPLY	12V AC	230V AC	700mA DC	180mA DC
INSTALLATION DEPTH	135	135	135	60
				



The Zhaga Consortium is developing specifications that enable the interchangeability of LED light sources made by multiple different manufacturers. The Zhaga specifications, known as Books, describe the interfaces between LED luminaires and LED light engines. Zhaga's members include hundreds of companies from throughout the global lighting industry. The cooperation is governed by a consortium agreement that defines rules regarding confidentiality, intellectual property and decision making.

BOOK 3



round: book 3 TYPE D:
NON-SOCKETABLE WITH SEPARATE CONTROL
GEAR 7,2MM x 50MM
LES 9MM - 23MM ROUND
Edition 1.3 October 2013

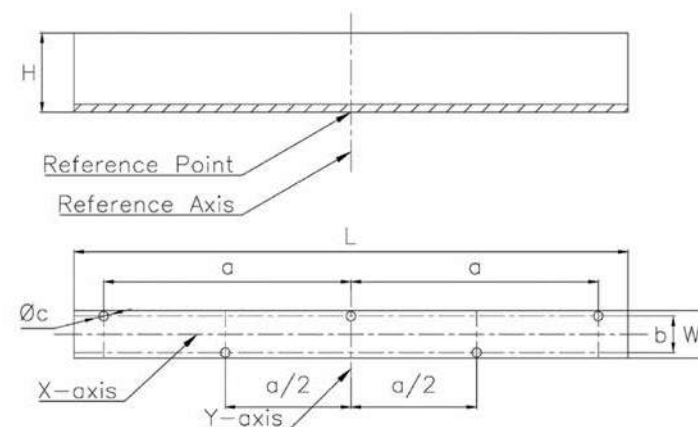
CONFORM BOOK 3

TOMMY TORNADO

TOMMY TRIMLESS TORNADO

ECLIPS TORNADO

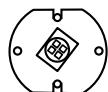
BOOK 7



linear: book 7 Type D:
non-socketable with separate electronic control gear
RECTANGULAR NON-SOCKETABLE LLE WITH UNDEFINED LIGHT
EMITTING SURFACE AND
SEPARATE ECG
Edition 1.1 June 2013
L28W2 category

CONFORM BOOK 7

PROFILE 2U + 2U R LEDMODULES



About Luxeon M

LUXEON M is an illumination grade multi-die LED designed to enable indoor and outdoor applications targeting either high efficiency or low cost. With Freedom from Binning and leading performance, LUXEON M falls within a single 3 MacAdam ellipse centered in ANSI to ensure color consistency from LED to LED, delivering high efficacy and high flux density from a uniform source with tight correlated color temperature control. The superior quality of light, volume of lumens, and real world efficacy enable leading performance and efficient solution development in a wide variety of lighting segments.



About chip on board (COB): Citizen, Prevaled

Led modules with phosphor layers on the chip produces higher luminous flux per watt than random mixtures or arrays. A very small form factor gives design flexibility and results in small fixtures for power packages above 20W. The led module acts as singular ledspot with 1 optic or reflector without throwing shadows on the lighted surface.



About Xicato XTM

Each Xicato module has a consistent color appearance and is targeted exactly on the Black Body Locus for perfectly natural white light. Each has a very tight color point conformity, with a 1 x 2 MacAdam ellipse tolerance. LED binning becomes a thing of the past. With the Artist Series, carefully controlling both the LED and phosphor specification, a CRI of Ra over 95 is achieved, compared to a CRI of Ra over 80 with the standard range. Typically the Color Rendering Index evaluates only the first 8 pastel reference samples of the conventional CRI metric. The Artist Series is optimized to deliver excellent results for the more saturated and skin color samples of the CRI reference set. For the deep red R9 reference sample, a value of 96 has been achieved in the Artist Series.

The Xicato module has a uniform (Lambertian) emitting disk as source, which is reflected in a perfectly uniform beam with no multiple shadows or colour variations over angle. This Solid State Lighting carries the promise of long life.

Xicato XTM modules are simple and rugged with a full aluminium shell and inset glass, they have an IP 66 rating. Their patented Corrected Cold Phosphor Technology™ ensures long term maintenance of the phosphor properties, contrary to phosphor on chip solutions.



With **Beaufort**, TAL launches a brand new LEDtechnology that will knock the lighting world off its feet by a metaphorical fierce gust of wind. The name 'Beaufort' is put together from the words 'beau' and 'fort'; a combination of beauty and power, splendor and strength. This combined action of beauty and power reveals itself in the fact that Beaufort delivers a pleasant warm white light of 2700K (the atmosphere of the incandescent light bulbs) together with a high output; a combination that was, up until now, impossible to obtain. Beaufort is also available in 3000K.

Beaufort does not only produce a powerful and a well-defined beam, the module also looks splendid and refined.
In short: **Power meets beauty.**

Chip-on-Board (COB): A beautiful and bright light beam

Beaufort makes use of the chip-on-board technology (COB), a production technique where the chips are mounted directly on the PCB. The chips are encapsulated by a phosphorus coating which isolates and protects them. This makes it possible to produce a higher efficiency than any other combination or by mixing leds. The different, adjacent chips in one chip-on-board module act as one singular led which, by means of a high output lens, casts a perfect light beam without any shadows.

2700K: A pleasant light experience

What makes Beaufort so exceptional is the fact that this technology produces an enjoyable warm white light of 2700K, the same soft and pleasant light of the light bulbs of yesteryear. The warm and comfortable light that this technology provides, demonstrates furthermore that Beaufort can perfectly replace a 50W halogen bulb with only 6,6W. Dimming is also possible by means of PWM and therefore dimmable converters. The attractive warm white light of Beaufort makes this technology ideal for applications in hotels and restaurants, snug living rooms and cosy kitchens. In other words, Beaufort is at its best in rooms where you can relax and have a pleasant chat with your loved ones after a hard day.

180mA: High efficiency

Our products with Beaufort technology are driven at 180mA, while other LED-devices are driven at 350 or 700mA. In other words, Beaufort offers plenty of output for very little input. The fittings with Beaufort deliver, with a light efficiency of almost 100 lm/W, not only an exceptionally high output, the design also looks very refined. Because of the fact that the leds are used within their ideal operating range, less heat is produced which allows for the use of smaller heatsinks. Consequently, the required installation height is very limited. In brief: the small shape of the Beaufort module provides more design flexibility in very small fittings. The catchphrase 'when power meets beauty' is therefore Beaufort-wise certainly in order.

2



POWER MEETS BEAUTY (the story continues...)

After launching the successful Beaufort LED technology, TAL is now about to introduce an even more powerful version of this series. This technology has been designed for applications that require more light, including higher ceilings (>3m), retail spaces and so on.

While the Beaufort is a perfect alternative to the traditional QR-C51 halogen lamp, Beaufort² has been developed as such that in terms of shape it can easily replace the QR111 halogen lamp.

Beaufort² produces up to three times as much light compared to the regular Beaufort and is even more beautifully finished than its little brother. **This is how POWER(X3) meets BEAUTY.**

CHIP ON BOARD

Beaufort uses the latest chip-on-board technology (COB), which is an assembly technology whereby LED chips are fitted directly onto the PCB. A phosphor layer is then added to isolate and carefully protect those chips. As a result, more luminous power is produced per consumption (W) compared to any other combination or mixing of LEDs. The multiple, adjacent chips in one chip-on-board module respond like a single LED, which through a high-efficiency lens casts a perfect beam of light without any false shadows. The COB led is the latest technology of CITIZEN™.

Two light colours available

BEAUFORT² is available in two colour temperatures. You may opt for 3000K, which is a warm white light and perfect for the project market as general or accent lighting. Alternatively you may choose 2700K which provides more gentle light and therefore is more suitable for hospitality and residential applications.

A++ Label

The Beaufort² technology is efficient to such extent that in fact it is one of the first light sources Europe has granted the A++ label. The Beaufort² module can be driven up to 500mA. At 500mA it will provide about 2000lumen, which comes down to an efficiency of more than 110lumen/W. Provided the Beaufort² module is driven at 350mA it will still provide 1500lumen, which equals an efficiency of 115lumen/W.

OVERVIEW MOUNTING POSSIBILITIES FOR DOWNLIGHTS

technical info

Fixture	Page	Fixation type	Hollow ceiling plasterboard	Visible concrete ceiling	Plastered concrete ceiling	Plastered stalton ceiling
B4	134	LEAF	●		○	○
B4	134	TORSION	●			
CEDRUS	106	LEAF	●		○	○
CEDRUS	106	TORSION	●			●
DREBBEL	54	PLASTERBOARD INCL.	●			
DREBBEL	54	PLASTERKIT	●		○	○
ECLIPS ROUND/SQUARE BEAUFORT	119	LEAF	●		○	○
ECLIPS LEAF	119	LEAF	●		○	○
ECLIPS TORSION	120	TORSION	●			
FUNNEL	108	LEAF	●		○	○
FUNNEL	108	TORSION	●			
HELAX	91	LEAF	●		○	○
HELAX	91	TORSION	●			○
HELAX MEDIUM	88	LEAF	●		○	○
HELAX SML	102	LEAF	●		○	○
HELAX SML	102	TORSION	●			
HELVA	100	LEAF	●		○	○
HELVA	100	TORSION	●			○
INCAS	61	PLASTERBOARD INCL.	●			
INTANA	57	TRIMLESS RING NEEDED	●		○	○
MICRO TOMMY	128	LEAF	●			
MICRO TOMMY	125	TORSION	●			
MINI HELAX	87	LEAF	●		○	○
MINI TOMMY	140	TORSION	●		●	●
MINI TOMMY TRIMLESS	70	TRIMLESS FRAME NEEDED	●	●		●
ODILON	137	LEAF	●		○	○
ODILON	137	TORSION	●			
QUAD	130	TORSION	●		●	●
QUAD ASYMMETRIC	133	TORSION	●			
SIMPLON	116	LEAF	●		○	○
SIMPLON	116	TORSION	●			
SOLID	113	LEAF	●		○	○
SPINA	96	LEAF	●		○	○
TOMMY	145	BRACKET	●	●	●	●
TOMMY TRIMLESS	74	TRIMLESS FRAME NEEDED	●	●		●

Dia	Fixture	Min. Recessed Depth	page
40	MINI HELAX	60	87
55	HELAX SML TORSION	65	102
56	DICE EXO	60	138
	HELAX SML LEAF	55 (70 for solid)	102
	HELAX MEDIUM	58 (70 for solid)	88
	FUNNEL EXO	65 (80 for solid)	110
	KOSMOS BASE	65	312
	MICRO ECLIPS LEAF	50 (65 for solid)	85
	MICRO ECLIPS TORSION	50	85
68	CLIO QR-C51	90	www.tal.be
	CLIO GU10	135	www.tal.be
	SIMPLON QR-C51	95	www.tal.be
	SIMPLON GU10	135	www.tal.be
	SIMPLON SPLASH	100	www.tal.be
	FIX QR-C51	90	www.tal.be
	FIX GU10	135	www.tal.be
70	HELAX QR-C51	115	www.tal.be
	HELAX 70 HALOLED	85 (100 for solid)	91
	HELAX HALOLED IP54	85 (100 for solid)	92
	NOBEL SFEROS	75	82
	ODILON LEAF	75 (85 for solid)	137
	ODILON TORSION	75	137
	SPINA HALOLED	85 (100 for solid)	96
	SPINA QR-C51	130	www.tal.be
	SPINA GU10	130	www.tal.be

Dia	Fixture	Min. Recessed Depth	page
74	MINI HELVA XICATO ARTIST	95	99
76	FUNNEL FIX	75 (90 for solid)	108
	CEDRUS QUANTUM LEAF	85 (100 for solid)	107
	CEDRUS QUANTUM TORSION	100	107
80	B4 LEAF	75 (90 for solid)	134
	B4 TORSION	75	134
	HELAX HALOSPHERE	85	95
	SOLID QR-C51	90	www.tal.be
	SOLID GU10	135	www.tal.be
	SOLID HALOLED	55 (70 for solid)	113
	ORION QR-C51	90	www.tal.be
	ORION GU10	135	www.tal.be
82	SIMPLON HALOLED TORSION	55	118
	SIMPLON HALOLED LEAF	55 (70 for solid)	118
	SIMPLON BEAUFORT TORSION	45	116
	SIMPLON BEAUFORT LEAF	45 (60 for solid)	116
83	CEDRUS GU10	125	www.tal.be
	CEDRUS GU10 TORSION	185	www.tal.be
	CEDRUS BEAUFORT	100 (125 for solid)	106
92	HELVA QR-C51	115	www.tal.be
	HELVA GU10	130	www.tal.be
	HELVA BEAUFORT TORSION	70	100
	HELVA BEAUFORT LEAF	70 (80 for solid)	100
	FUNNEL FLEX	75 (90 for solid)	108
95	HELAX SML HALOLED	85 (100 for solid)	104

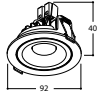
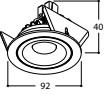
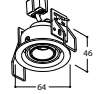
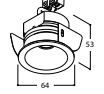
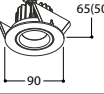
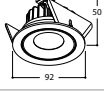
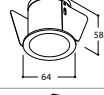
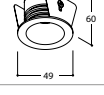
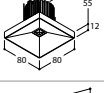
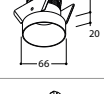
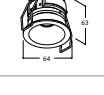
Dia	Fixture	Min. Recessed Depth	page
105	ECLIPS BEAUFORT	70(105 for solid)	119
125	ORBITAL LIGHT ONLY-SMOKE	45	43
127	HELAX SML BEAUFORT ²	90 (105 for solid)	105
154	ECLIPS QR111	125	www.tal.be
	ECLIPS BEAUFORT ²	125	120
	ECLIPS TORNADO	220	123

OVERVIEW DOWNLIGHTS WITH LIMITED INSTALLATION HEIGHT (<65mm)

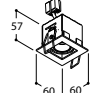
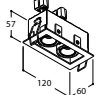
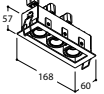
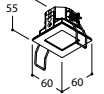
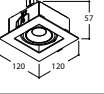
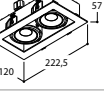
NO INTERFERENCE WITH THE VAPOUR BARRIER: IDEAL FOR SUPER INSULATED HOUSES

technical info

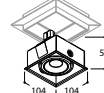
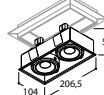
ROUND CUT OUT DOWNLIGHTS

Min. Recessed Height	Fixture		Page
45	 SIMPLON BEAUFORT TORSION	82	116
45 (60 for solid)	 SIMPLON BEAUFORT LEAF	82	116
50	 MICRO ECLIPS	56	85
55 (70 for solid)	 HELAX SML LEAF	55	102
55 (70 for solid)	 SOLID HALOLED	80	113
55 (70 for solid)	 SIMPLON HALOLED	82	118
58 (70 for solid)	 HELAX MEDIUM	56	88
60	 MINI HELAX	40	87
60	 DICE EXO	56	138
65	 FUNNEL EXO	56	110
65	 HELAX SML TORSION	55	102

RECTANGULAR CUT OUT DOWNLIGHTS

Min. Recessed Height	Fixture		Page
60	 MICRO TOMMY 1	52 x 52	125
60	 MICRO TOMMY 2	114 x 52	125
60	 MICRO TOMMY 3	162 x 52	125
60	 MICRO TOMMY IP54	52 x 52	129
60	 MINI TOMMY 1 BEAUFORT	110 x 110	140
60	 MINI TOMMY 2 BEAUFORT	210 x 110	140

TRIMLESS

Min. Recessed Height	Fixture		Page
60	 MINI TOMMY 1 BEAUFORT	112 x 112	70
60	 MINI TOMMY 2 BEAUFORT	213 x 112	70

technical info

720199 MINI INSTALLATION FRAME FOR PLASTER 1

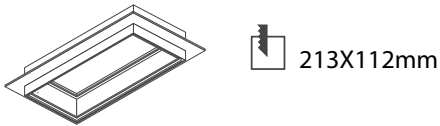


Fixture	
	MINI TOMMY 1 TRIMLESS QRC51
	MINI TOMMY 1 TRIMLESS GU10
	MINI TOMMY 1 TRIMLESS HALOLED
	MINI TOMMY 1 TRIMLESS BEAUFORT
	MINI RASPUTIN QRC51
	MINI RASPUTIN GU10
	MINI RASPUTIN HALOLED
	MINI RASPUTIN BEAUFORT

Can also be used
with frame 702512 or frame 702212

OVERVIEW INSTALLATION FRAMES FOR PLASTER FOR TRIMLESS DOWNLIGHTS

720299 MINI INSTALLATION FRAME FOR PLASTER 2



Fixture	
	MINI TOMMY 2 TRIMLESS QRC51
	MINI TOMMY 2 TRIMLESS GU10
	MINI TOMMY 2 TRIMLESS HALOLED
	MINI TOMMY 2 TRIMLESS BEAUFORT
	MINI RASPUTIN QRC51
	MINI RASPUTIN GU10
	MINI RASPUTIN HALOLED
	MINI RASPUTIN BEAUFORT

Can also be used
with frame 702522 or frame 702222

701111 INSTALLATION FRAME ROUND



Fixture	
	INTANA QRC51
	INTANA GU10
	INTANA BEAUFORT
	INTANA HALOLED

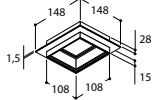
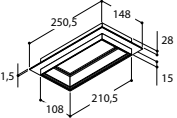
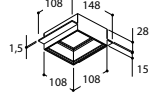
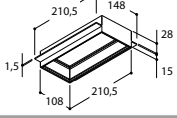
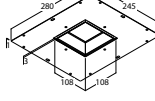
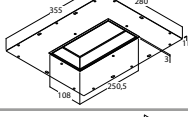
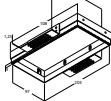
701112 ORBITAL INSTALLATION FRAME ROUND

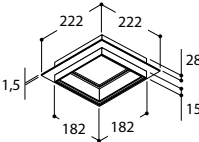
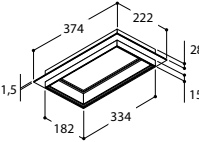
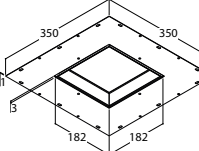
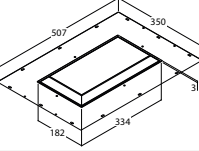


Fixture	
	ORBITAL FLOW CONTROL TRIMLESS
	ORBITAL FLOW CONTROL LOOK TRIMLESS
	ORBITAL THROUGH FLOW TRIMLESS
	ORBITAL THROUGH FLOW LOOK TRIMLESS
	ORBITAL LOUDSPEAKER TRIMLESS
	ORBITAL SMOKE DETECTOR TRIMLESS
	ORBITAL BASIC TRIMLESS FLOW CONTROL (VENTILATION VALVE)
	ORBITAL BASIC TRIMLESS THROUGH FLOW (VENTILATION VALVE)

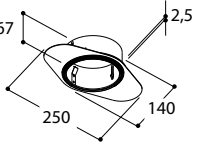
OVERVIEW INSTALLATION FRAMES FOR PLASTER FOR TRIMLESS DOWNLIGHTS

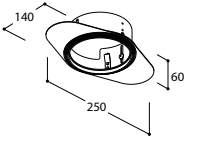
technical info

Frame nr		Frame type	Recessed dimensions	Recessed depth	Compatible fixtures
720199		MINI TOMMY 1 TRIMLESS FRAME	112x112mm	135 130	MINI TOMMY 1 TRIMLESS MINI RASPUTIN 1
720299		MINI TOMMY 2 TRIMLESS FRAME	213x112mm	135 130	MINI TOMMY 2 TRIMLESS MINI RASPUTIN 2
702512		MINI TOMMY 1 TRIMLESS FRAME H60	112x112mm	60	MINI TOMMY 1 BEAUFORT TRIMLESS
702522		MINI TOMMY 2 TRIMLESS FRAME H60	213x112mm	60	MINI TOMMY 2 BEAUFORT TRIMLESS
702212		MINI TOMMY TRIMLESS 1 FRAME FOR PLASTERED CONCRETE 3mm	⌀ 220mm	60 135 130	MINI TOMMY 1 BEAUFORT TRIMLESS MINI TOMMY 1 TRIMLESS MINI RASPUTIN 1
702222		MINI TOMMY TRIMLESS 2 FRAME FOR PLASTERED CONCRETE 3mm	2x ⌀ 220mm 100mm between centers	60 135 130	MINI TOMMY 2 BEAUFORT TRIMLESS MINI TOMMY 2 TRIMLESS MINI RASPUTIN 2
409199		MINI PROJEXXAR 1 FRAME FOR PLASTER	110x110mm	60	MINI PROJEXXAR 1 BEAUFORT
409299		MINI PROJEXXAR 2 FRAME FOR PLASTER	215x110mm	60	MINI PROJEXXAR 2 BEAUFORT

Frame nr	Frame type	Recessed dimensions	Recessed depth	Compatible fixtures
700109		185x185mm	120	TOMMY 1 TRIMLESS
			140	RASPUTIN 1
			114	TOMMY 1*
700209		337x185mm	120	TOMMY 2 TRIMLESS
			140	RASPUTIN 2
			114	TOMMY 2*
702012		Ø 316mm	120	TOMMY 1 TRIMLESS
			140	RASPUTIN 1
			114	TOMMY 1*
702022		2x Ø 316mm 158mm between centers	120	TOMMY 2 TRIMLESS
			140	RASPUTIN 2
			114	TOMMY 2*

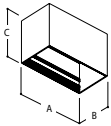
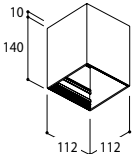
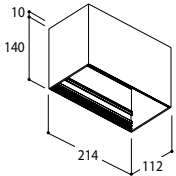
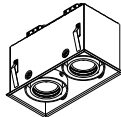
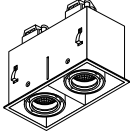
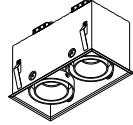
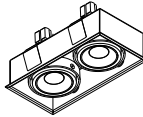
* FOR USE IN COMBINATION WITH CONBOX FOR VISIBLE CONCRETE CEILING

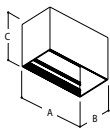
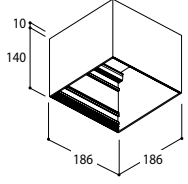
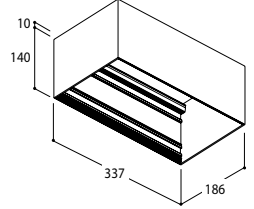
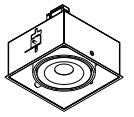
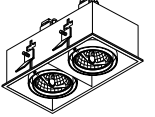
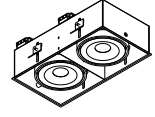
Frame nr	Frame type	Recessed dimensions	Recessed depth	Compatible fixtures
701111		dia 140mm	130	INTANA QR-C51
			130	INTANA GU10
			130	INTANA BEAUFORT
			130	INTANA HALOLED

Frame nr	Frame type	Recessed dimensions	Recessed depth	Compatible fixtures
701112		dia 140mm	180	ORBITAL FLOW CONTROL TRIMLESS
			130	ORBITAL FLOW CONTROL LOOK TRIMLESS
			180	ORBITAL THROUGH FLOW TRIMLESS
			130	ORBITAL THROUGH FLOW LOOK TRIMLESS
			130	ORBITAL LOUDSPEAKER TRIMLESS
			130	ORBITAL SMOKE DETECTOR TRIMLESS
			180	ORBITAL BASIC FLOW CONTROL (VENTILATION VALVE)
			180	ORBITAL BASIC THROUGH FLOW (VENTILATION VALVE)

OVERVIEW SURFACE KITS SMALL

technical info

	Small 1				Small 2			
DIMENSIONS (AxBxC):	112x112x150				214x112x150			
								
	TI 50VA	230V	CI 700 mA 12W	CI 180 mA 6,6W	TI 100VA	230V	CI 700 mA 24W	CI 180 mA 13,2W
TEXT. WHITE	790118	791118	793118	793128	790218	791218	793218	793228
TEXT. BLACK	790126	791126	793126	793136	790226	791226	793226	793236
COMPATIBLE FIXTURES:	MINI TOMMY 1 TRIMLESS QR-C51	MINI TOMMY 1 TRIMLESS GU10	MINI TOMMY 1 TRIMLESS HALOLED	MINI TOMMY 1 BEAUFORT	MINI TOMMY 2 TRIMLESS QRC51	MINI TOMMY 2 TRIMLESS GU10	MINI TOMMY 2 TRIMLESS HALOLED	MINI TOMMY 2 BEAUFORT
								
	website	website	P. 73	P. 70	website	website	P. 73	P. 70

	Large 1			Large 2		
DIMENSIONS AxBxC:	186x186x150			337x186x150		
						
	TI 50VA	230V	CI 500 mA 18W	TI 100VA	230V	CI 500 mA 36W
TEXT. WHITE	792118			792218		
TEXT. BLACK	792126			792226		
COMPATIBLE FIXTURES:	TOMMY 1 TRIMLESS QR111  website		TOMMY 1 BEAUFORT²  P. 74	TOMMY 2 TRIMLESS QR111  website		TOMMY 2 BEAUFORT²  P. 74

OVERVIEW M10 BASES

technical info

M10 BASE CI 350mA

M10 BASE DUO CI 350mA 600

MAX 8W
230V - AC
output 350mA - DC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	378247	378248
TEXT. BLACK	378226	378227

M10 BASE TRIO CI 350mA 900

MAX 12W
230V - AC
output 350mA - DC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	378347	378348
TEXT. BLACK	378326	378327

M10 BASE QUATTRO CI 350mA 1200

MAX 16W
230V - AC
output 350mA - DC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	378447	378448
TEXT. BLACK	378426	378427

M10 BASE 230V

M10 BASE DUO 230V 600

MAX 1000W
230V - AC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	375206
TEXT. BLACK	375236

M10 BASE TRIO 230V 900

MAX 1000W
230V - AC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	375309
TEXT. BLACK	375336

M10 BASE QUATTRO 230V 1200

MAX 1000W
230V - AC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	375412
TEXT. BLACK	375436

M10 BASE CI 700mA

M10 BASE DUO CI 700mA 600

MAX 16W
230V - AC
output 700mA - DC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	379247	379248
TEXT. BLACK	379226	379227

M10 BASE TRIO CI 700mA 900

MAX 24W
230V - AC
output 700mA - DC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	379347	379348
TEXT. BLACK	379326	379327

M10 BASE QUATTRO CI 700mA 1200

MAX 32W
230V - AC
output 700mA - DC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	379447	379448
TEXT. BLACK	379426	379427

M10 BASE ROUND 230V

M10 BASE ROUND 3 230V

MAX 1000W
230V - AC

CE, IP 20, Dimmable L.C.

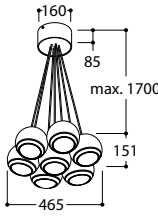
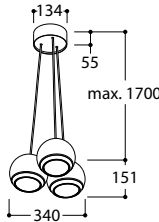
TEXT. WHITE	411937
TEXT. BLACK	411926

M10 BASE ROUND 7 230V

MAX 1000W
230V - AC

CE, IP 20, Dimmable L.C.

TEXT. WHITE	411977
TEXT. BLACK	411976



KOSMOS BASE M10



M10 BASE KOSMOS

350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC
Max. luminaires weight: 0.5kg
Can be used as access point for converter!

56 mm
Installation height 60 mm

TEXT. BLACK	408426
TEXT. WHITE	408447
TEXT. RED	408434

CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**

M10 BASE

M10 BASE RECESSED SMALL

350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

20 mm
Installation height 50 mm

TEXT. BLACK	408826
TEXT. WHITE	408847
TEXT. RED	408834
CHROME	408820

CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**

M10 BASE RECESSED LARGE

350mA DC / 500mA DC / 700mA DC / ...
... / 230V - AC

42 mm
Installation height 50 mm

TEXT. BLACK	408926
TEXT. WHITE	408947
TEXT. RED	408934
CHROME	408920

CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**

M10 BASE 3 LARGE 350mA CI

135 mm
max. 18W
230V - AC
Output 350mA DC
For suspension only

TEXT. BLACK	408726
TEXT. WHITE	408747

CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**



OVERVIEW M10 BASES

M10 CLUSTERPLATES 230V

M10 CLUSTERPLATE 7 230V

MAX 1000W
230V - AC
Max. 1700

CLUSTERPLATE 7 - TEXT. WHITE	492977
CLUSTERPLATE 7 - TEXT. BLACK	492976

CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**

M10 CLUSTERPLATE 11 230V

MAX 1000W
230V - AC
Max. 1700

CLUSTERPLATE 11 - TEXT. WHITE	492917
CLUSTERPLATE 11 - TEXT. BLACK	492916

CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**

M10 CLUSTERPLATE 15 230V

MAX 1000W
230V - AC
Max. 1700

CLUSTERPLATE 15 - TEXT. WHITE	492957
CLUSTERPLATE 15 - TEXT. BLACK	492956

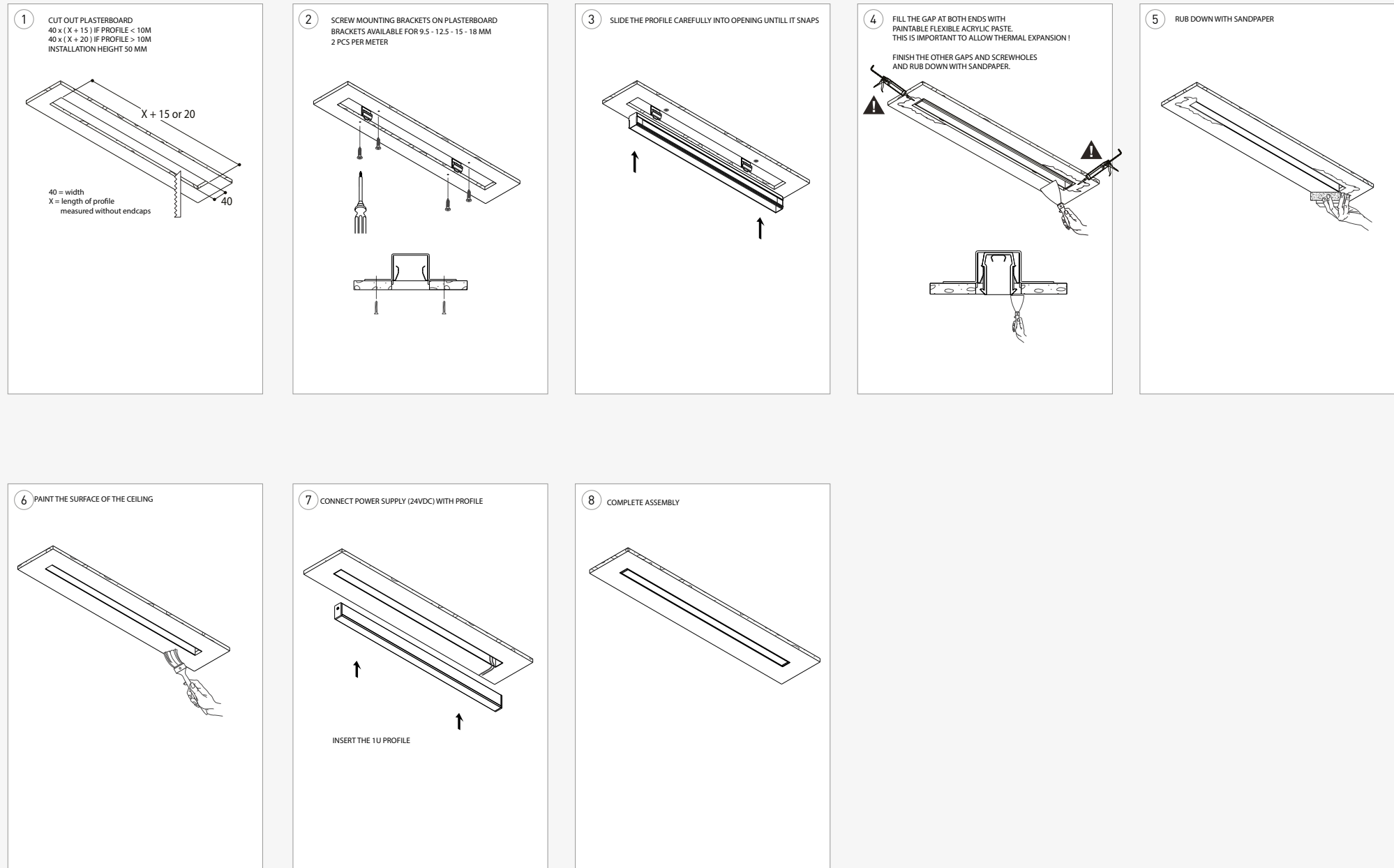
CONVERTER p.554 **CONVERTER p.556** **CONVERTER p.560**



INSTALLATION SCENARIOS

1U RECESSED IN PLASTERBOARD

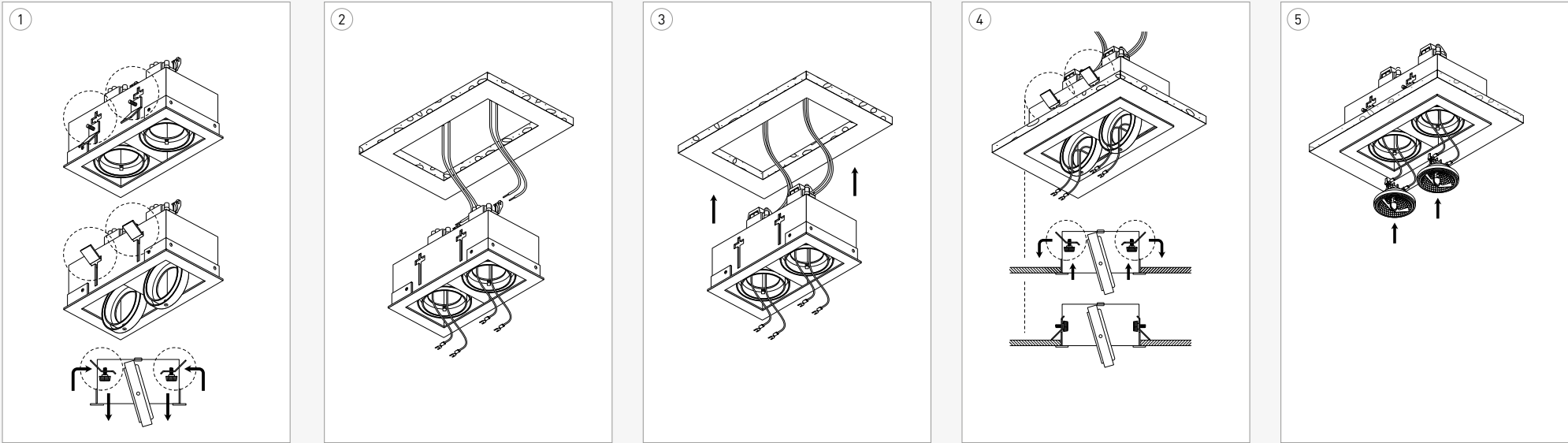
technical info



technical info

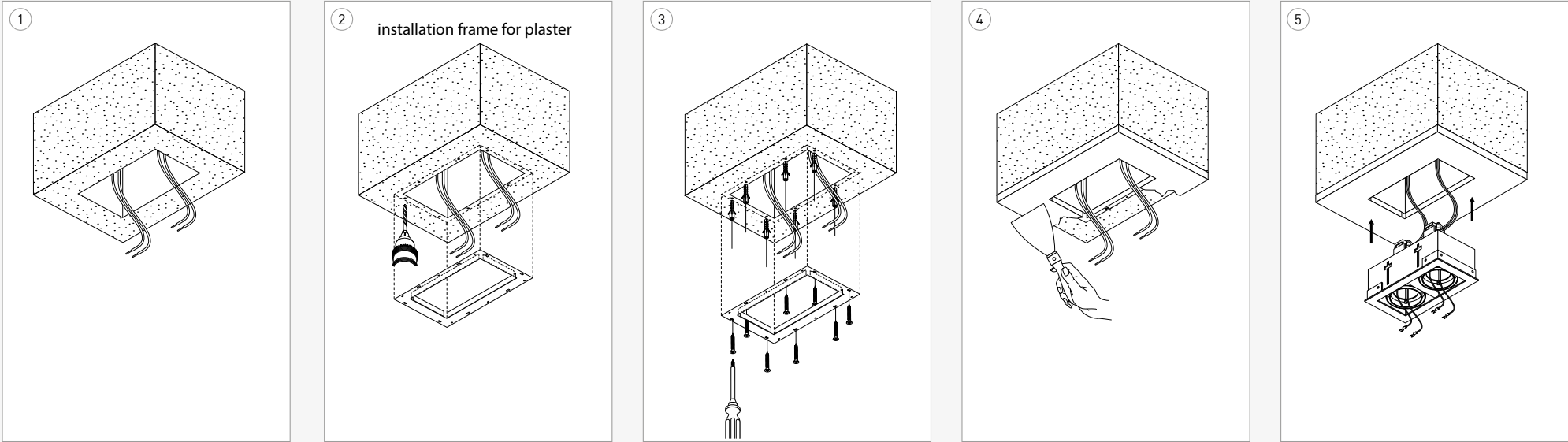
TOMMY IN PLASTERBOARD

INSTALLATION SCENARIOS



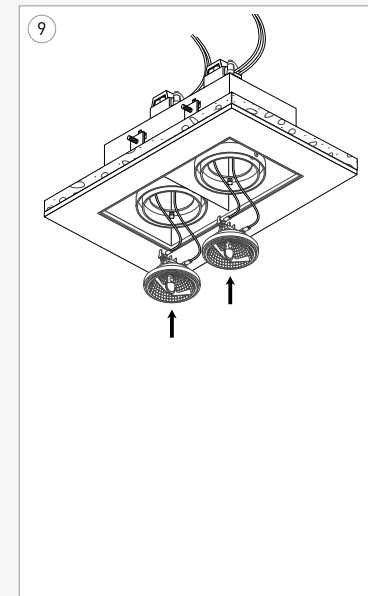
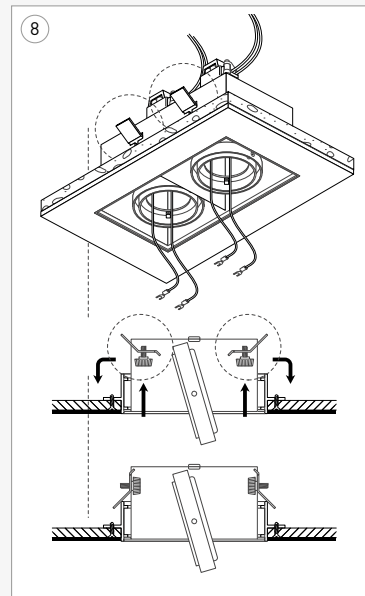
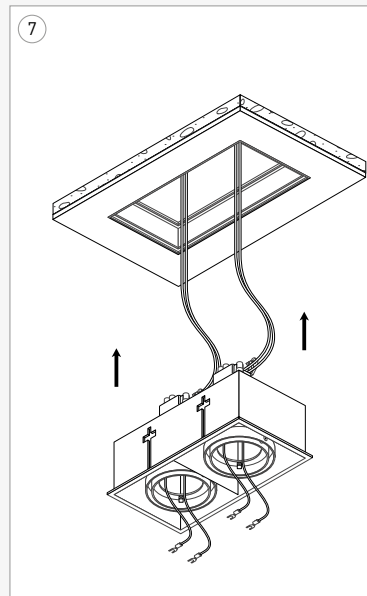
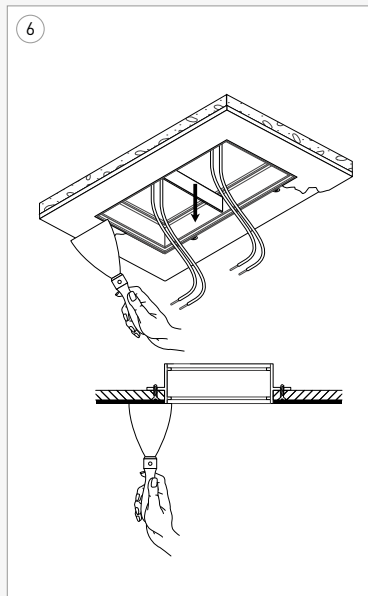
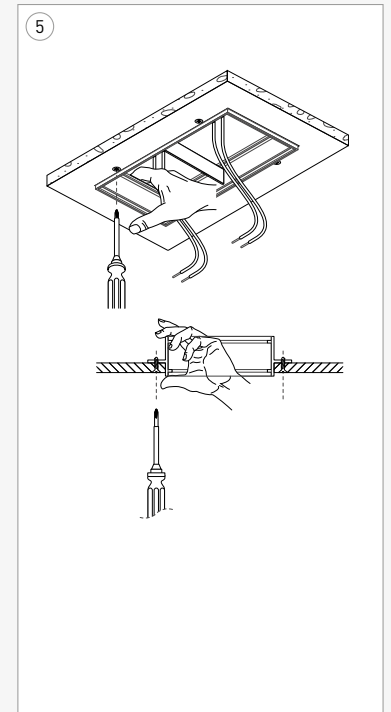
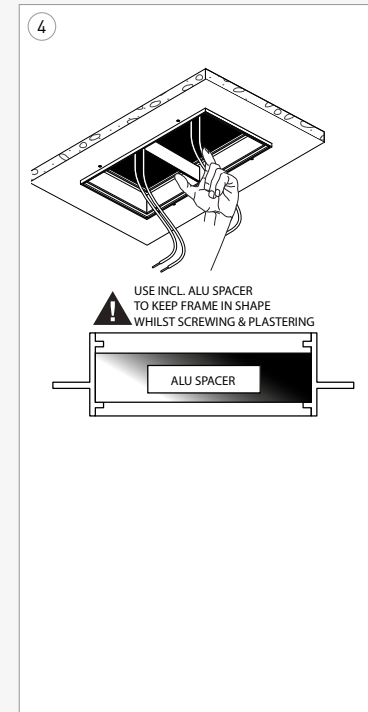
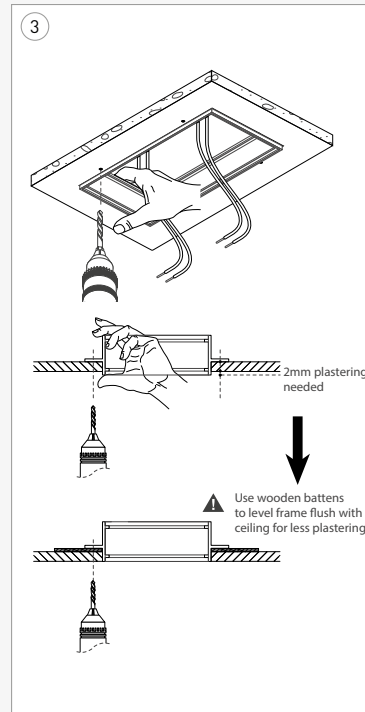
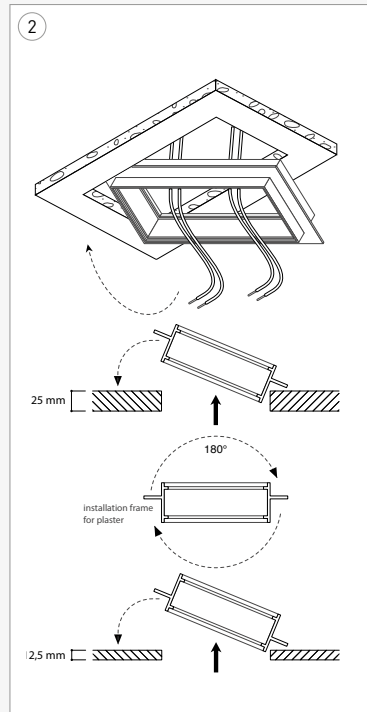
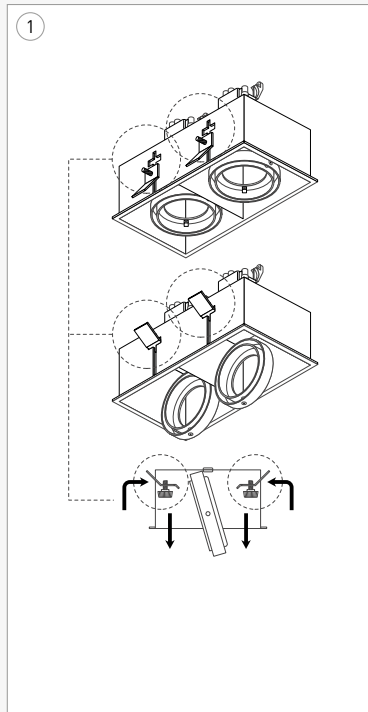
TOMMY IN PLASTERED CONCRETE / STALTON CEILING

Optional: installation frame for plaster (for strengthening the mounting hole or surface, or for already made holes)

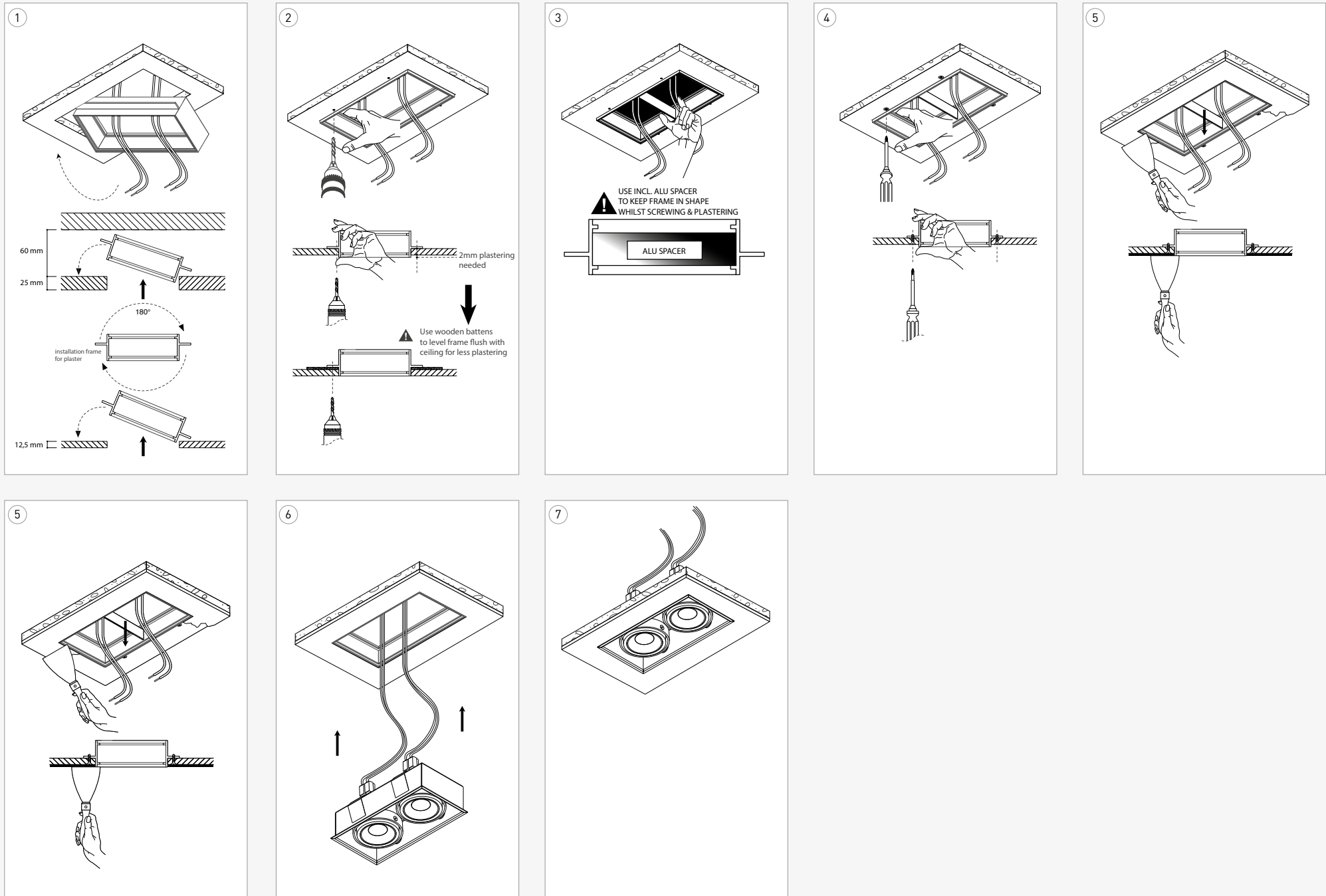


INSTALLATION SCENARIOS

TOMMY TRIMLESS IN PLASTERBOARD

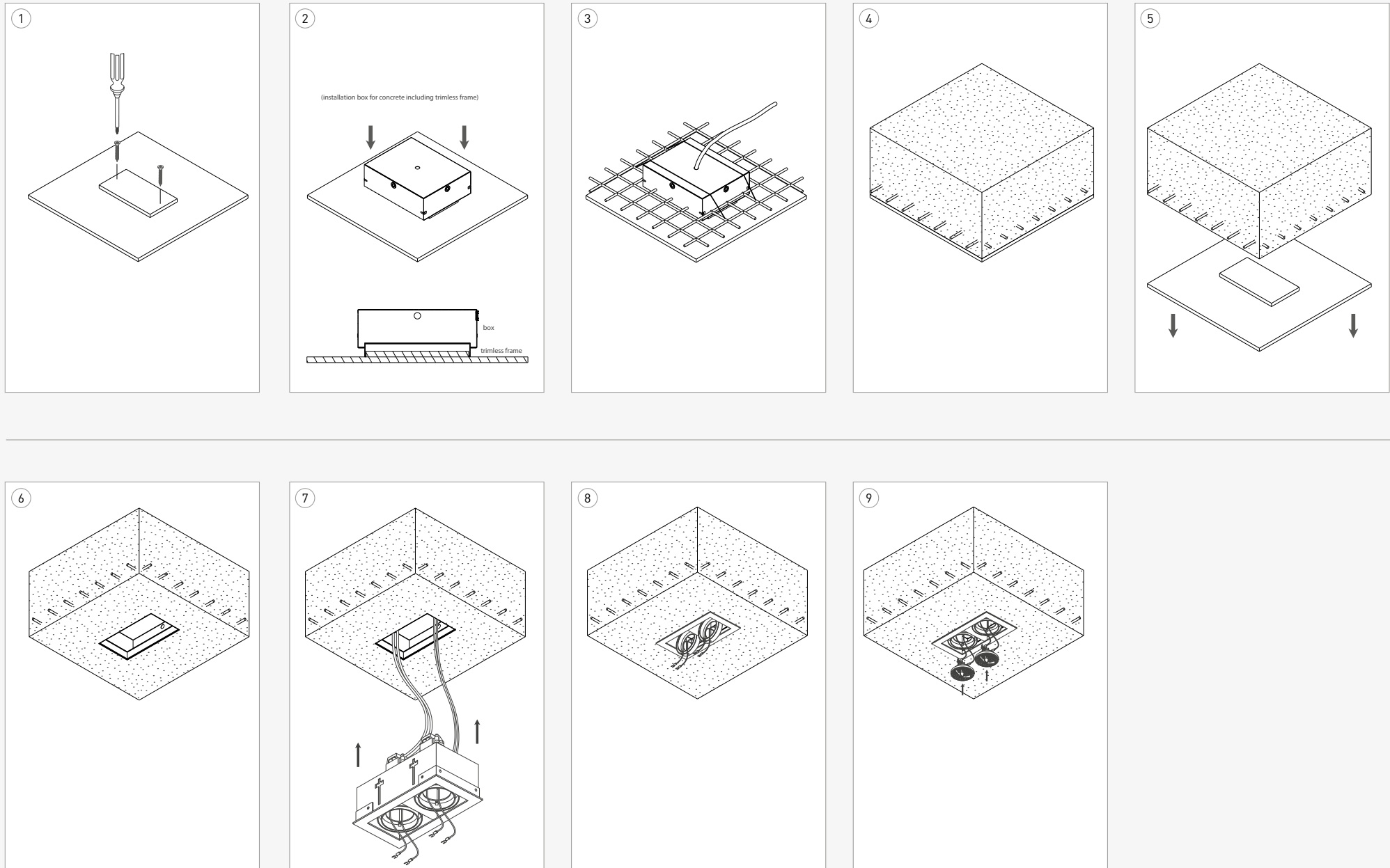


MINI TOMMY TRIMLESS IN PLASTERBOARD WITH LIMITED INSTALLATION HEIGHT (<65MM)



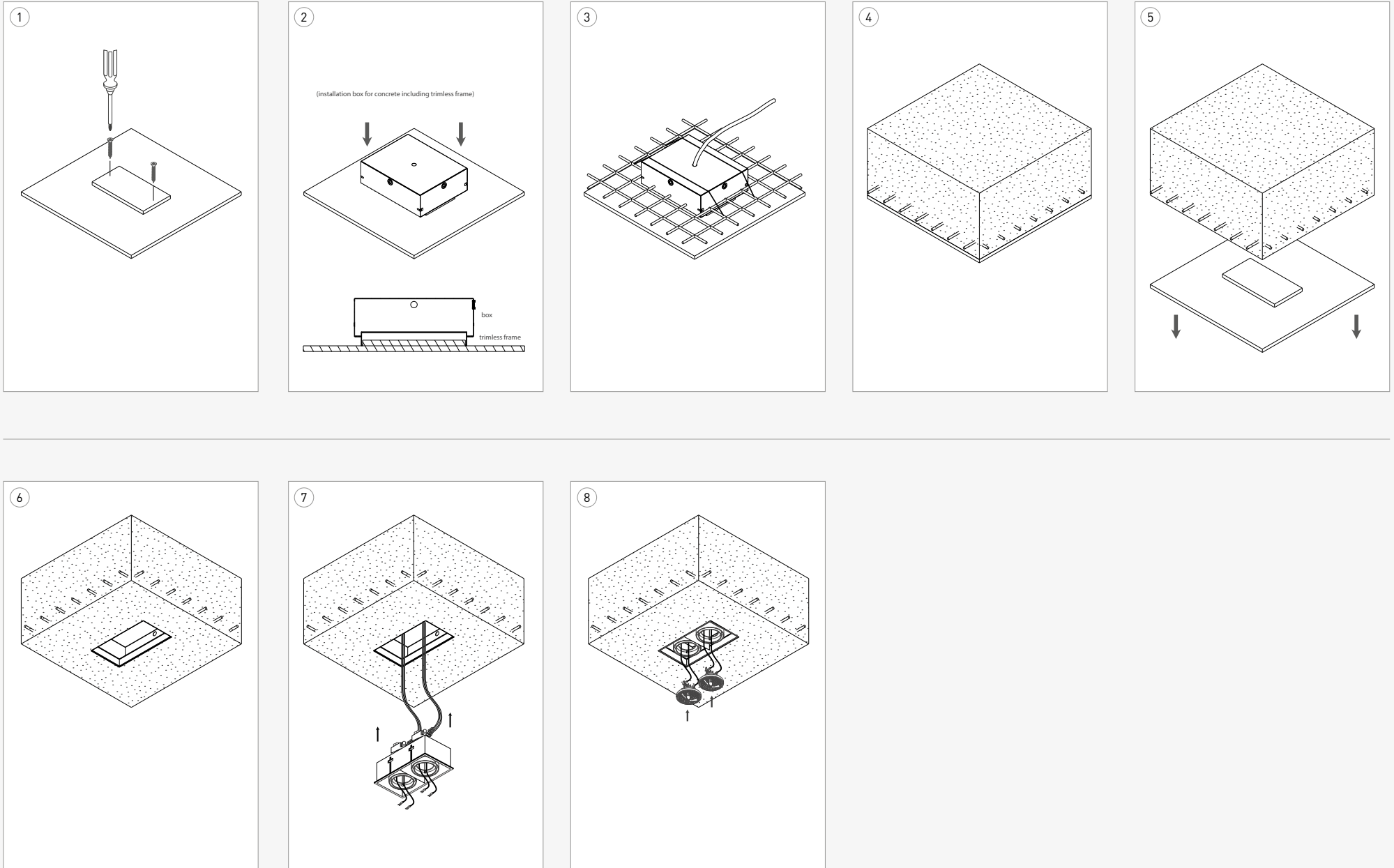
INSTALLATION SCENARIOS

TOMMY IN VISIBLE CONCRETE CEILING (ONLY FOR LARGE TOMMY 1/2/3)



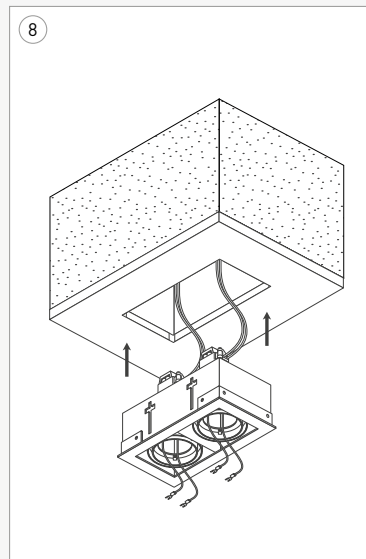
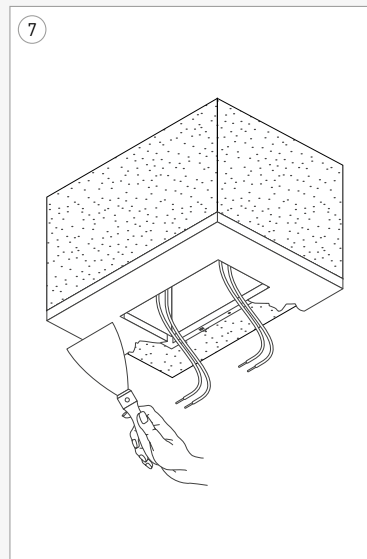
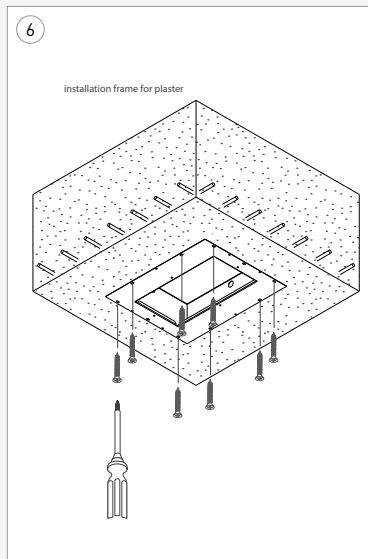
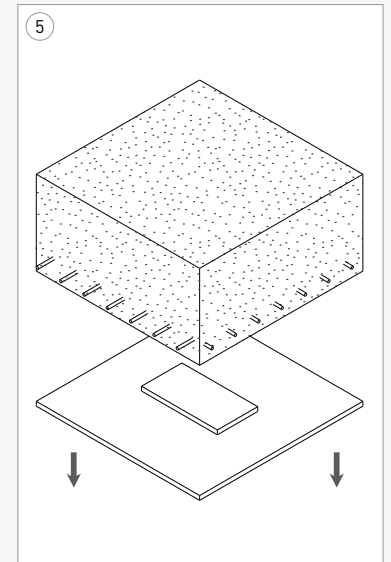
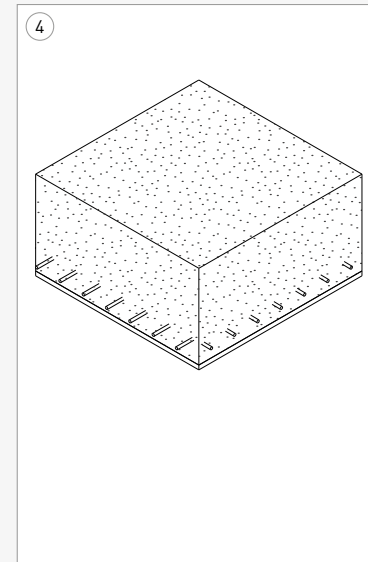
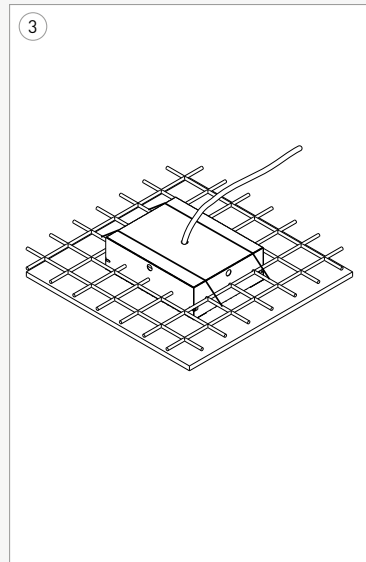
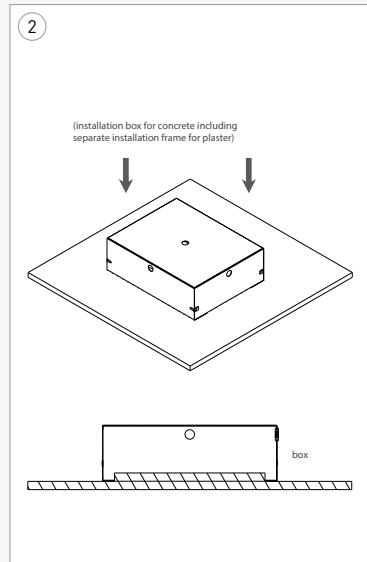
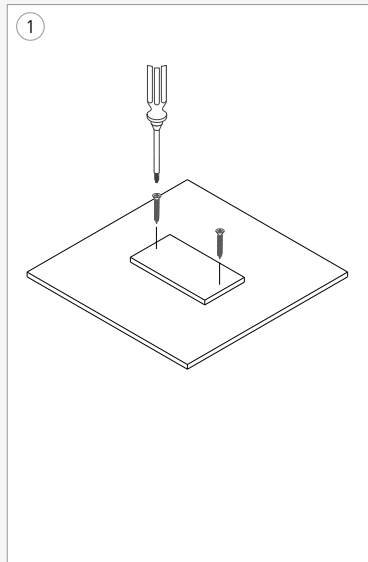
INSTALLATION SCENARIOS

TOMMY TRIMLESS IN VISIBLE CONCRETE CEILING

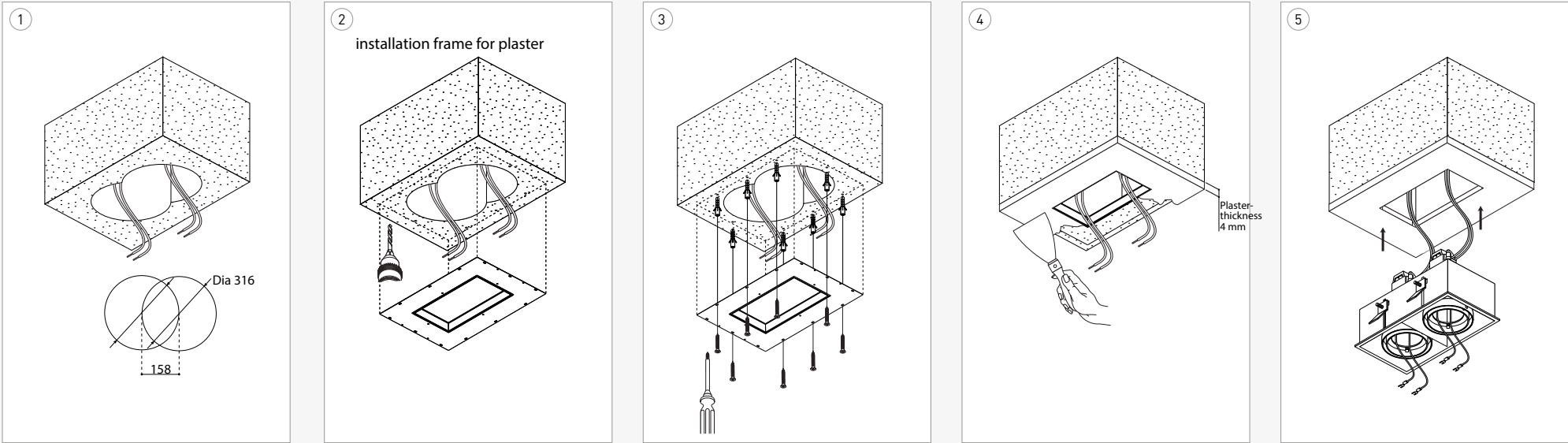


INSTALLATION SCENARIOS

TOMMY IN PLASTERED CONCRETE CEILING

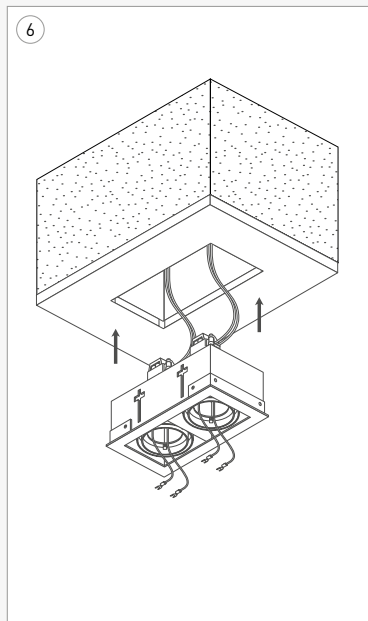
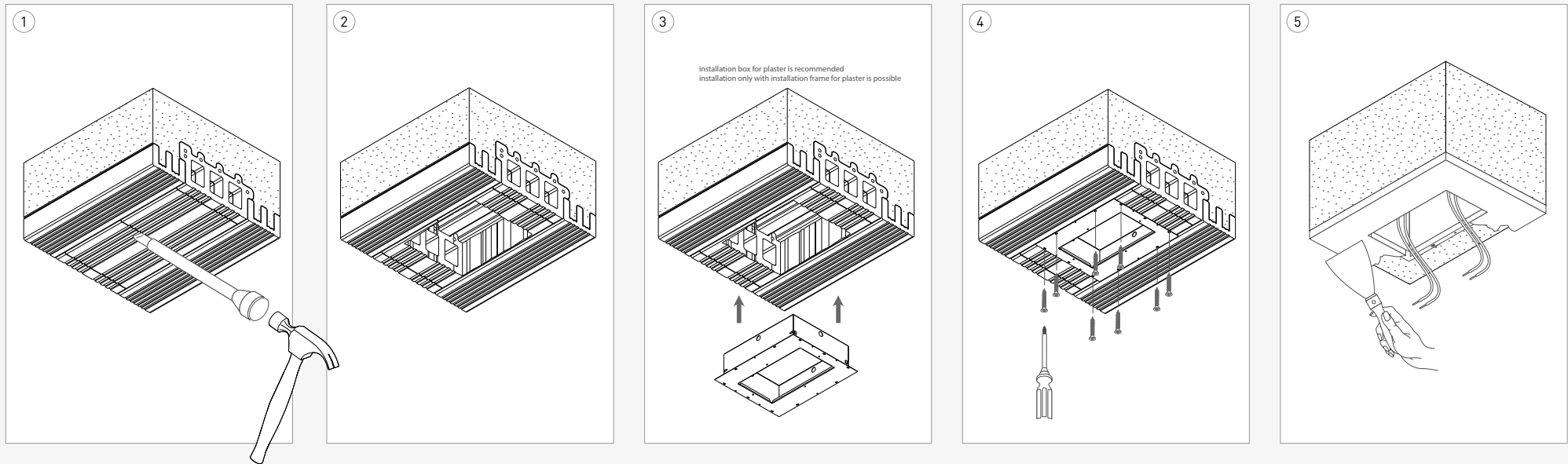


TOMMY TRIMLESS IN PLASTERED CONCRETE CEILING (3MM)



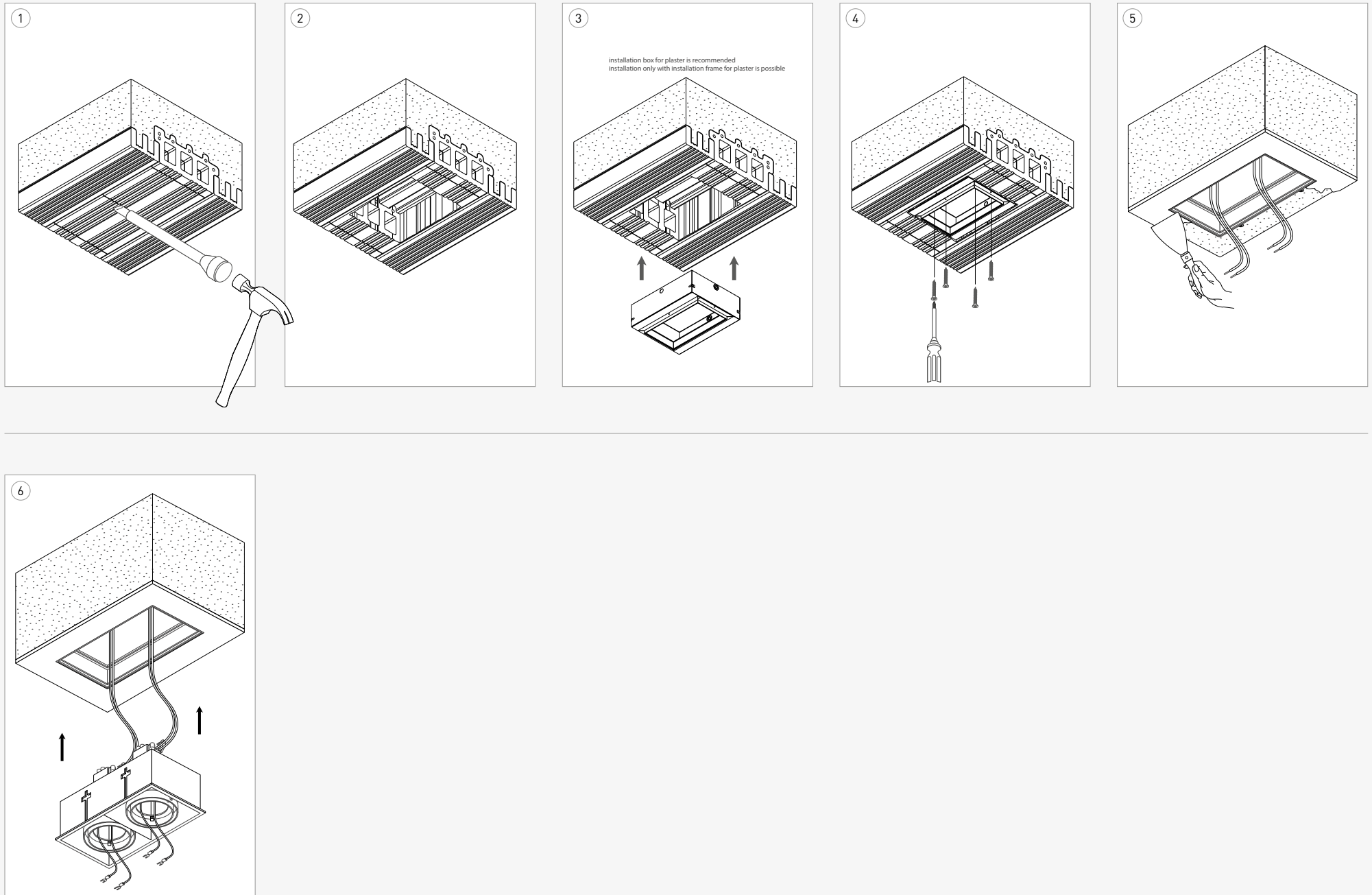
INSTALLATION SCENARIOS

TOMMY IN PLASTERED STALTON CEILING



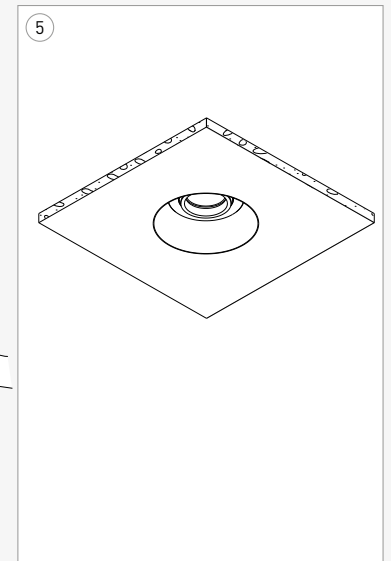
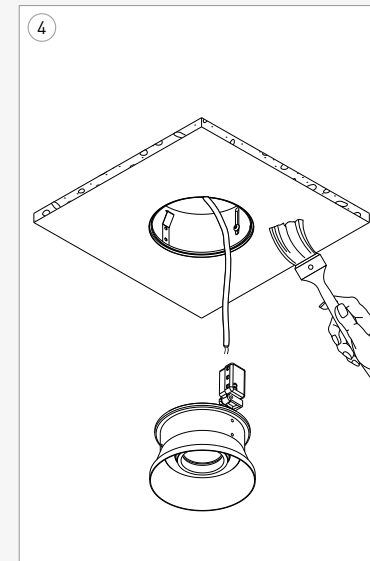
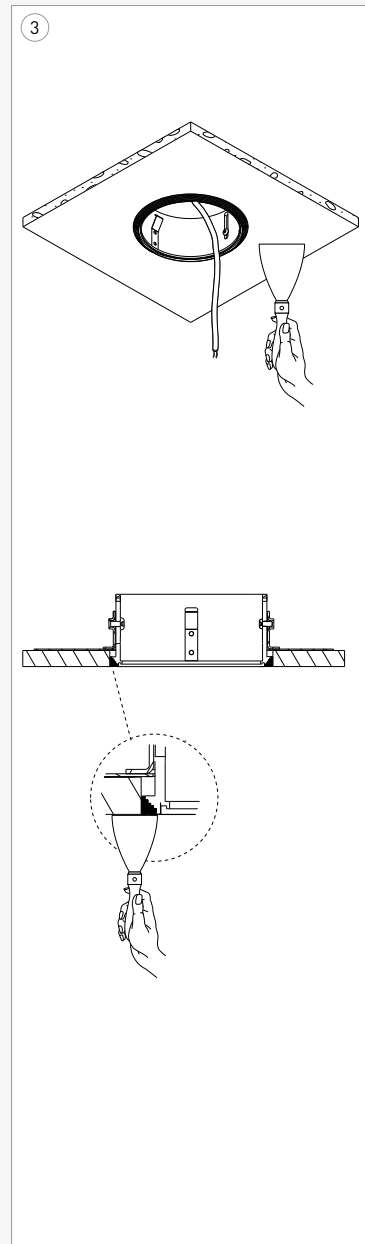
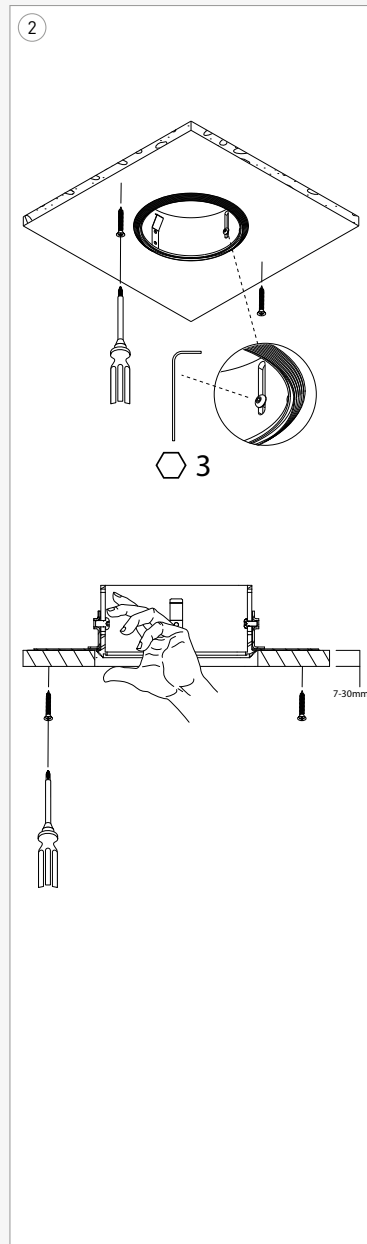
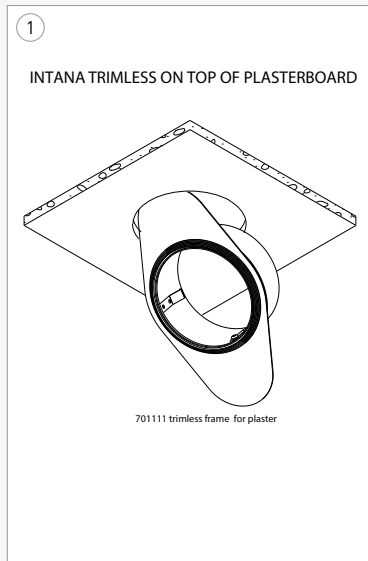
INSTALLATION SCENARIOS

TOMMY TRIMLESS IN PLASTERED STALTON CEILING

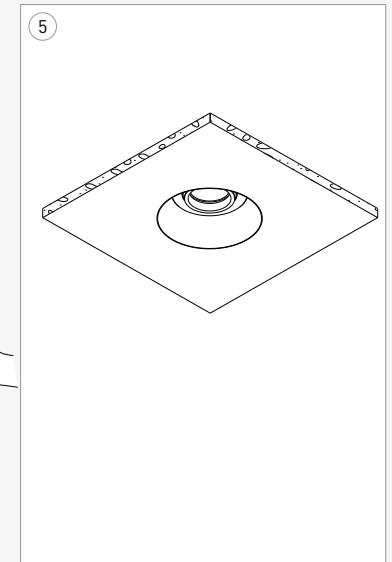
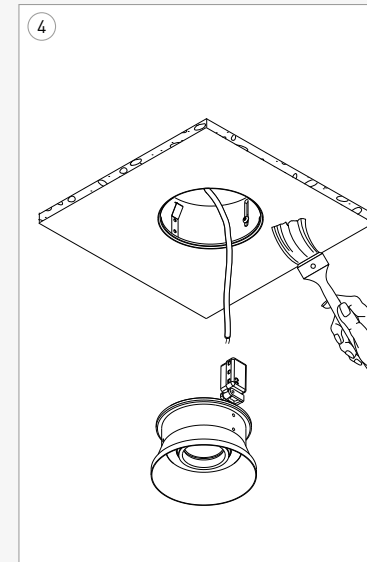
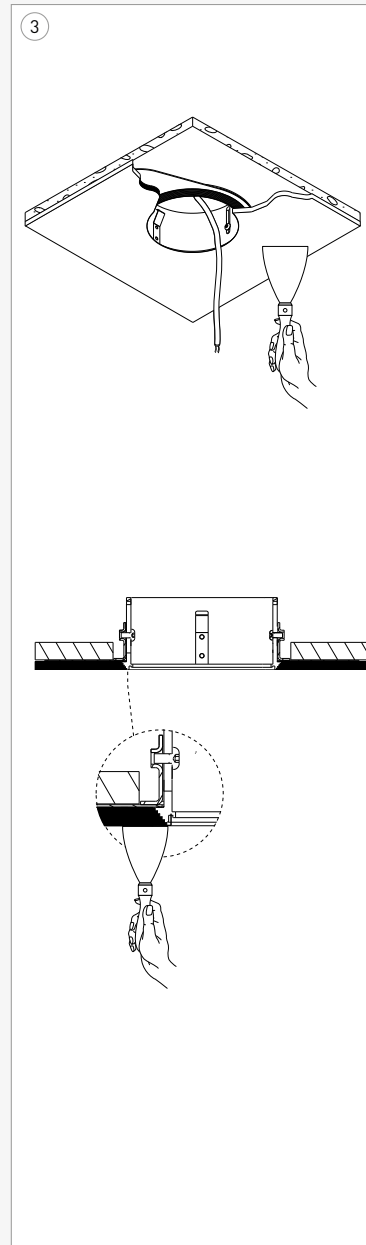
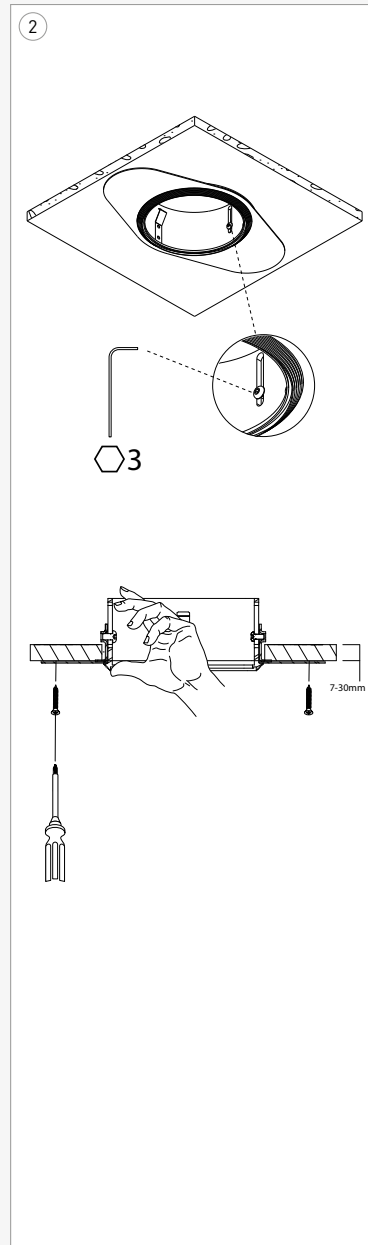
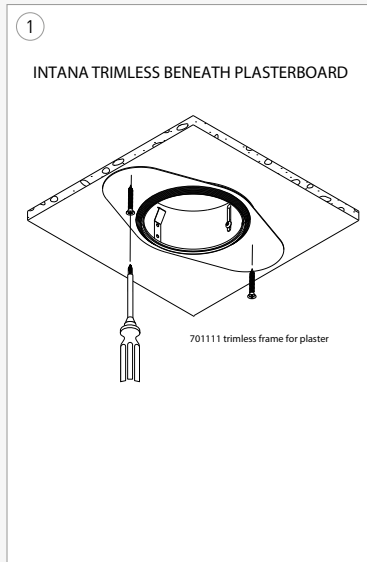


INSTALLATION SCENARIOS

INTANA/ORBITAL TRIMLESS IN PLASTERBOARD (HOLLOW CEILINGS)

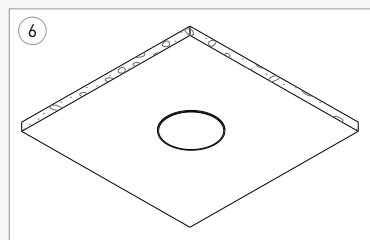
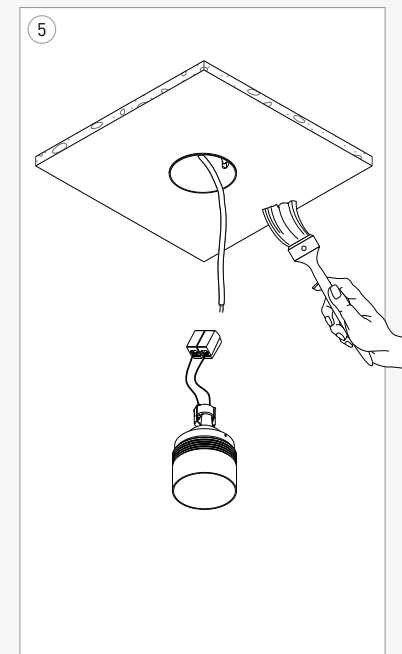
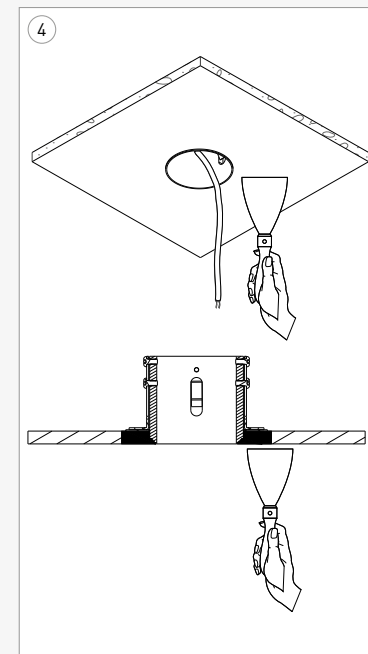
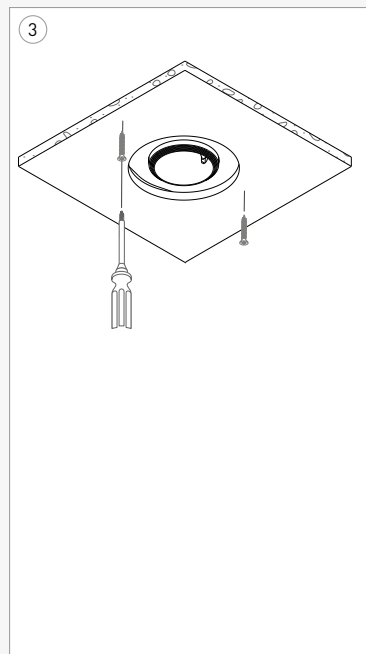
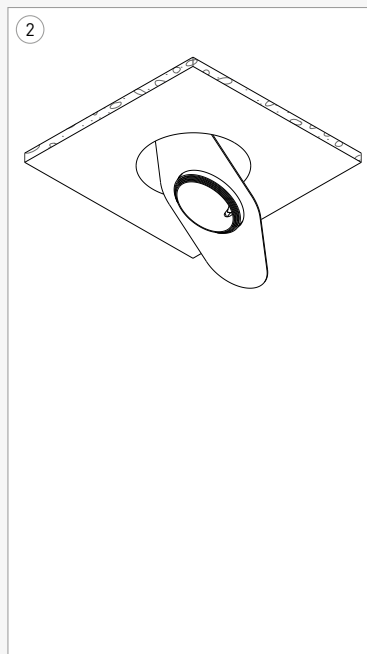
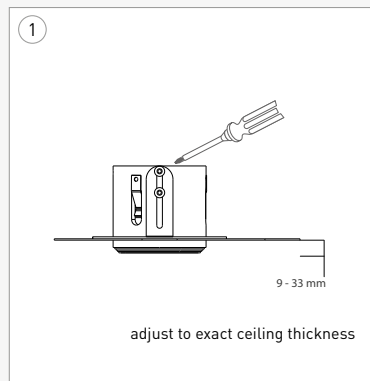


INTANA/ORBITAL TRIMLESS ON PLASTERBOARD (SOLID CEILINGS)

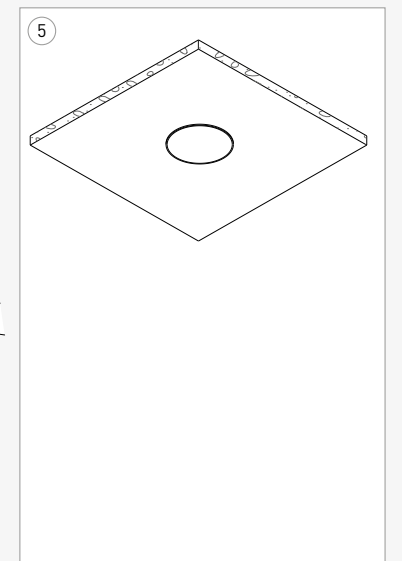
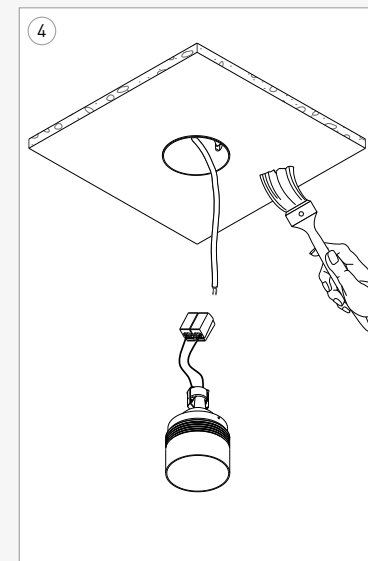
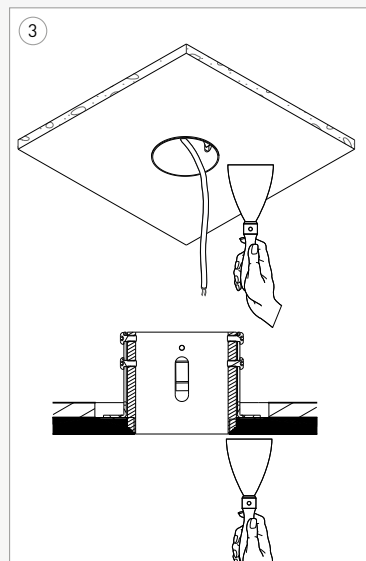
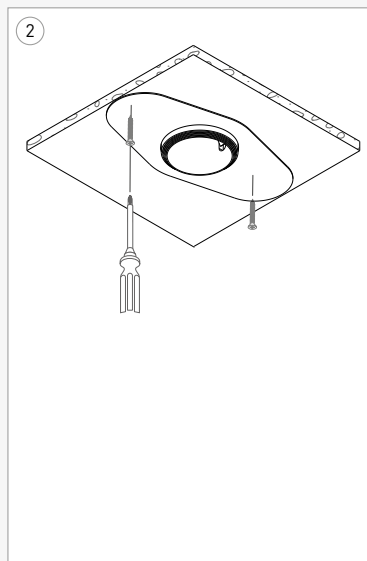
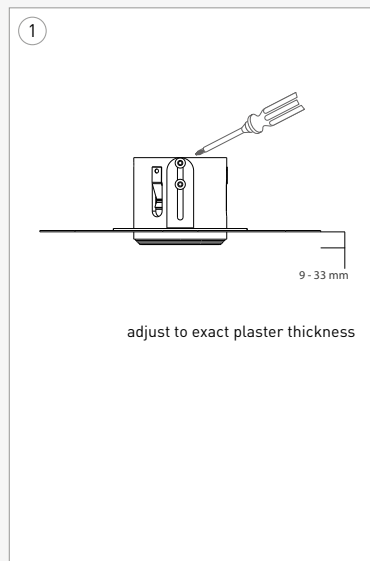


INSTALLATION SCENARIOS

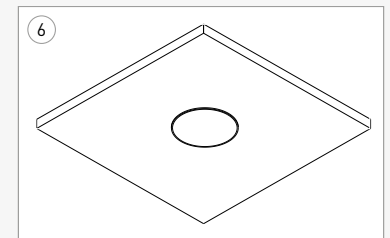
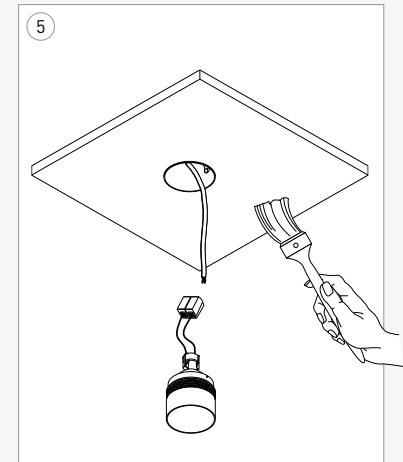
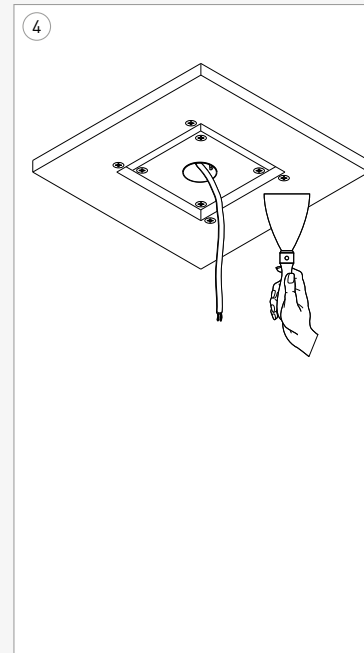
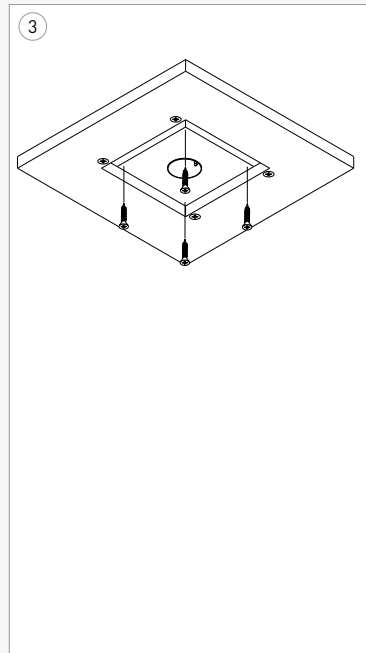
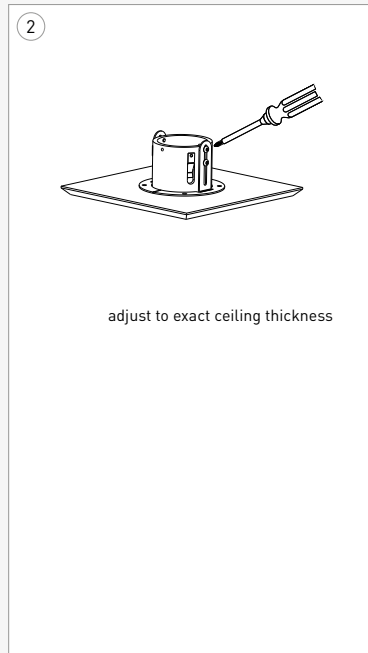
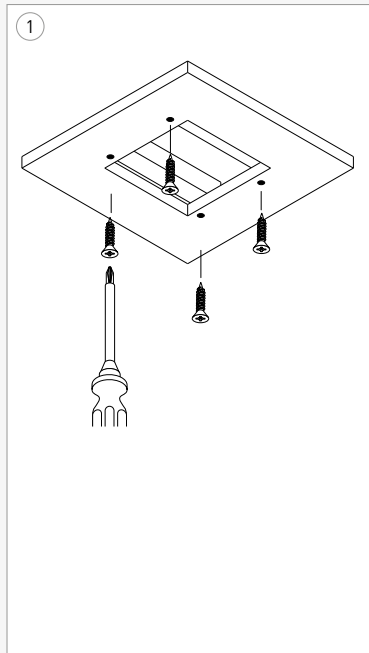
DREBBEL PLASTERKIT IN PLASTERBOARD (HOLLOW CEILINGS)



DREBBEL PLASTERKIT ON PLASTERBOARD (SOLID CEILINGS)



DREBBEL FERMACELL IN PLASTERBOARD



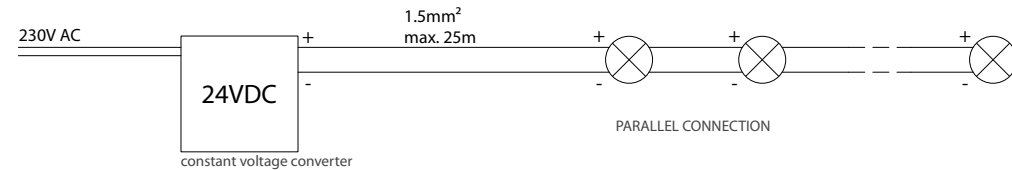
WIRING DIAGRAMS

technical info

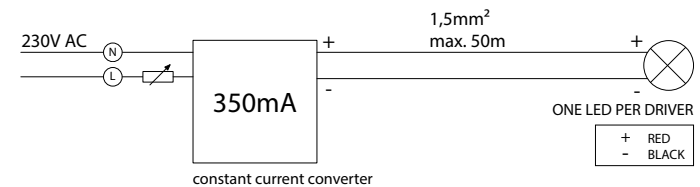
CONSTANT VOLTAGE (PARALLEL)

WIRING DIAGRAM FOR CONNECTION OF POWERED LUMINAIRES WITH CURRENT DRIVER (350mA TO 24VDC) ON BOARD

f.e. LISDODDE, ...



MAINS DIMMING



WIRING DIAGRAM FOR FIXTURES WITH halosphere®

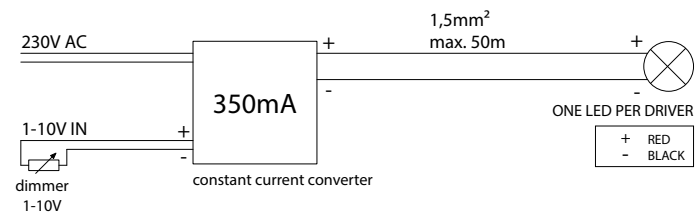
Halosphere® changes the colour temperature from warm to a luxury warm, same as if it was a halogen light source.

This implicates that on full capacity output the colour temperature is 3000K, but when fully dimmed the colour temperature goes down to 2000K. Practically speaking we are transiting from warm white light to an extra warm white light. As such we obtain this warm soft light creating a welcoming hospitable surrounding. The comparison with the colour of a gently burning open fire or the amber coloured sunset is easily made.

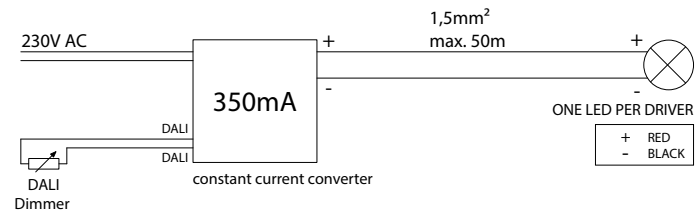
f.e.

HELAX HALOSPHERE CCR DIMMABLE 2700K-1800K
ORBITAL HALOSPHERE CCR DIMMABLE 3000K-1800K

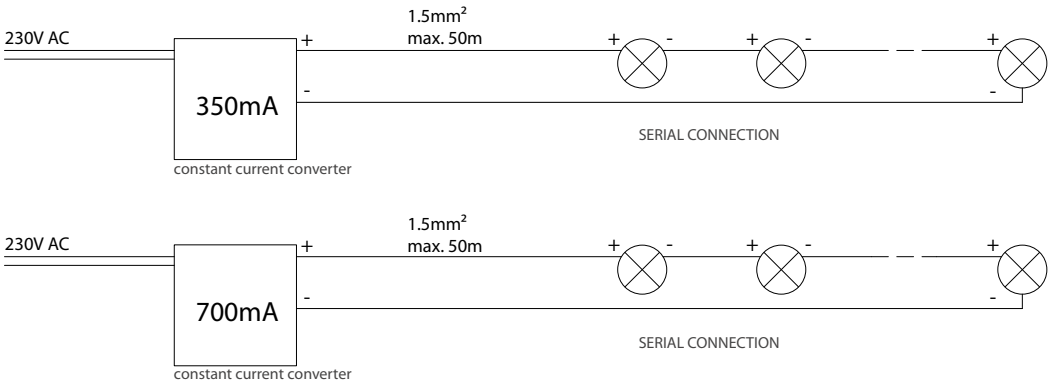
1-10V DIMMING



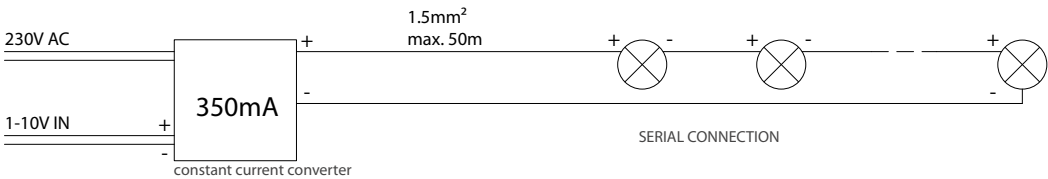
DALI DIMMING



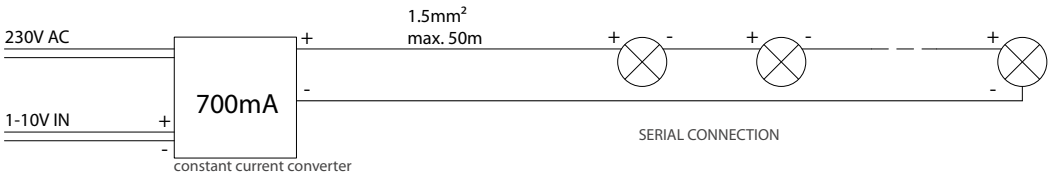
CONSTANT CURRENT (SERIAL)
WIRING DIAGRAM FOR CONNECTION OF
POWERLED LUMINAIRES WITHOUT CONVERTER
f.e. CHROMOS, TOMMY,...



WIRING DIAGRAM FOR CONNECTION OF POWERLED
LUMINAIRES WITH 1-10V DIMMABLE CONVERTER



WIRING DIAGRAM FOR CONNECTION OF POWERLED
LUMINAIRES WITH 1-10V DIMMABLE CONVERTER



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491757	544	492916	284	493372	338	494034	280	494494	536	497185	85	498496	83	630167	218
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491957	303	493240	340	493452	338	494134	280	494594	535	497492	85	620347	304	650044	37
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