

Technology



After Beaufort and its successor Beaufort², TAL once again develops pioneering LED technology. This time Haloled 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 'Haloled' is a compound consisting of the words 'halogen' and 'LED'.



Luxeon M

Do not be mistaken: the Haloled 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 Haloled 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 'Haloled', TAL offers consumers the ultimate alternative to traditional lighting solutions such as

the halogen lamps we know from the olden days. Haloled 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.

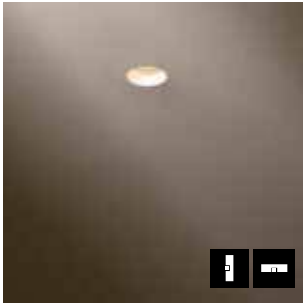
The consumer has a fully finished product at his disposal without having to worry about its lifespan. Furthermore, we can substantially limit the installation depth thanks to this LED module. Because of this limited installation depth, a device with Haloled is ideally suited for passive houses. A device containing Haloled 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. Haloled 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 Haloled 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



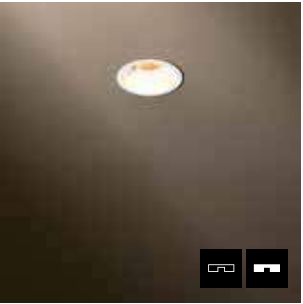
DREBBEL 54



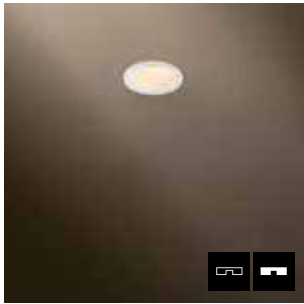
FUNNEL ELBOW 197



FUNNEL EXO 110



FUNNEL FIX/FLEX 108



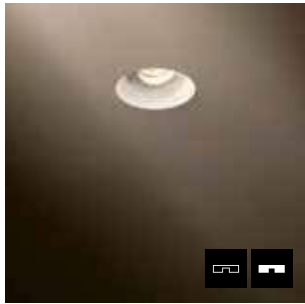
HELAX 70 91



HELAX SML 104



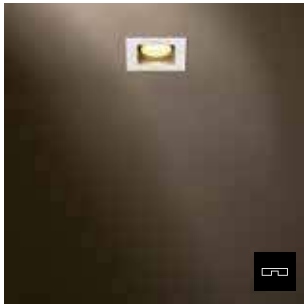
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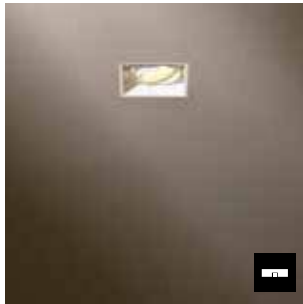
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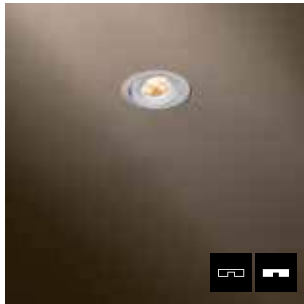
MINI RASPUTIN 69



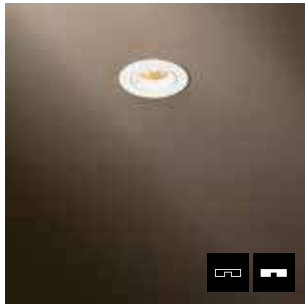
MINI TOMMY 143



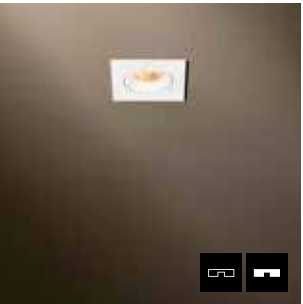
MINI TOMMY TRIMLESS 73



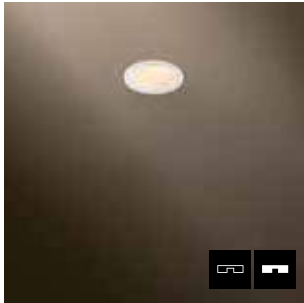
SIMPLON 118



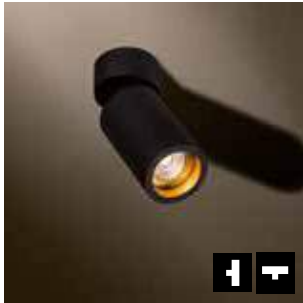
SOLID ROUND 113



SOLID SQUARE 115



SPINA 96



SPINA ELBOW 203



SPINA ELBOW TRACK 538



SPINA ON 198



SPINOLA 276