

## 96630358 KAT RD 1400-840 HF E3

LED	12W KATO_MO_84	CB		IP65		IK10			850°C	T <sub>a</sub> 0 +25
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### Katona

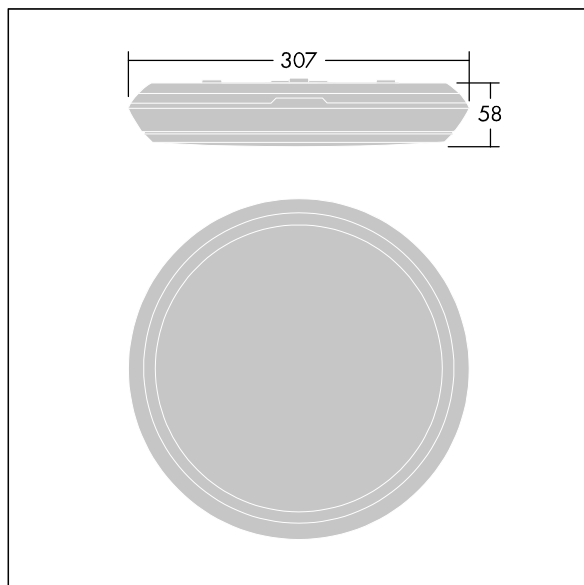
A very slim, round functional LED luminaire. LED driver with 3 hour, manual test, emergency lighting circuit. Body: white polycarbonate. Diffuser: opal polycarbonate. Class II electrical, IP65, IK10. Complete with 4000K LED. Suitable for direct mounting to wall or ceiling. Loop-in, loop-out is possible for cables up to 2.5mm<sup>2</sup>. BESA compatible.

Dimensions: Ø307 x 58 mm  
 Luminaire input power: 11.7 W  
 Luminaire luminous flux: 1400 lm  
 Luminaire efficacy: 120 lm/W  
 Weight: 1.08 kg

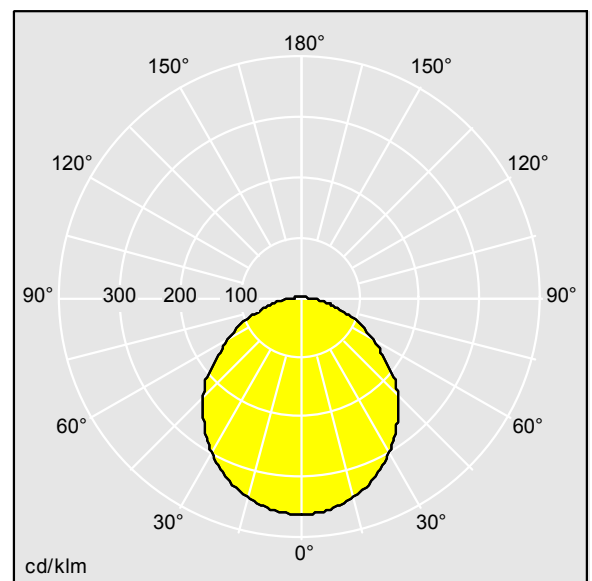
Self-contained emergency luminaires rely on long-lasting batteries. This product's high-tech lithium iron phosphate battery is robust and comes with a three-year guarantee (applicable subject to the terms and conditions of and to the extent as set forth in the manufacturer's guarantee on Thorn products, which shall be applicable analogously and which is available under [http://www.thornlighting.com/en/products/5-year-guarantee/5-year-warranty/terms-of-guarantee\\_en.pdf](http://www.thornlighting.com/en/products/5-year-guarantee/5-year-warranty/terms-of-guarantee_en.pdf). The battery guarantee shall not come into effect if the product has been installed later than three (3) months after delivery EXW (Incoterms 2010))



TLG\_KATO\_F\_RD\_PDBCHARGE.jpg



TLG\_KATO\_M\_RD\_LDS.wmf



TLG\_SP\_0043598.ltd

Lamp position: STD - standard  
 Light Source: LED  
 Luminaire luminous flux\*: 1400 lm  
 Total emergency luminous flux: 180 lm  
 Luminaire efficacy\*: 120 lm/W  
 Lamp efficacy: 119 lm/W  
 Colour Rendering Index min.: 80  
 LOR: 1,00 ULOR: 0,03 DLOR: 0,97

Ballast 1: 1 x 87500577 DRV TR LC 10W 350mA 28.6V F #fixC C SNC  
 Ballast 2: 1 x 89800666 EM TR EM TR EM R2A BASIC NM 132 2W  
 Correlated colour temperature: 4000 Kelvin  
 Chromaticity tolerance (initial MacAdam): 3  
 Rated median useful life\*:  
 L80 50000h at 35°C  
 Luminaire input power\*: 11.7 W Power factor = 0.91  
 Charging power: 2.5 W

All values marked with an \* are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at ±10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

In most products the failure of one LED point causes no functional impairment to the lighting performance of the luminaire and is therefore no reason for complaint. Unless otherwise stated all Thorn LED products are suitable for unrestricted use (rated RG0 or RG1) with regard photobiological blue light safety (IEC/EN60598-1).

Thorn Lighting is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement.  
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