

## 96629370 KAT SQ 2000-840 HF

LED	16W KATO_HO_84	IP65	IK10	850°C	T <sub>a</sub> -15 +35
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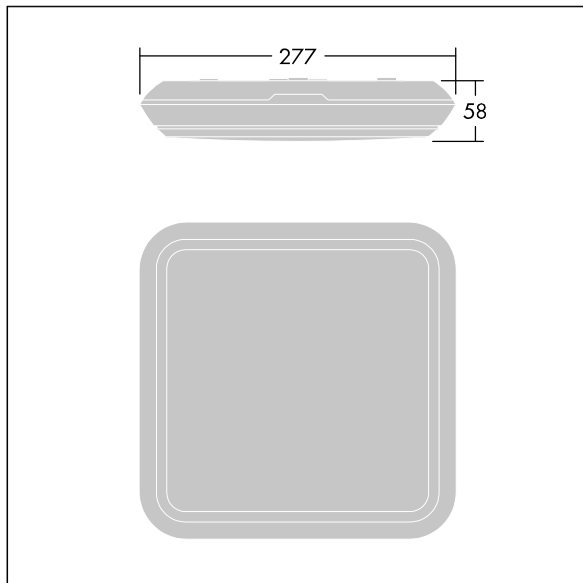
### Katona

A very slim, square functional LED luminaire. LED driver.  
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.

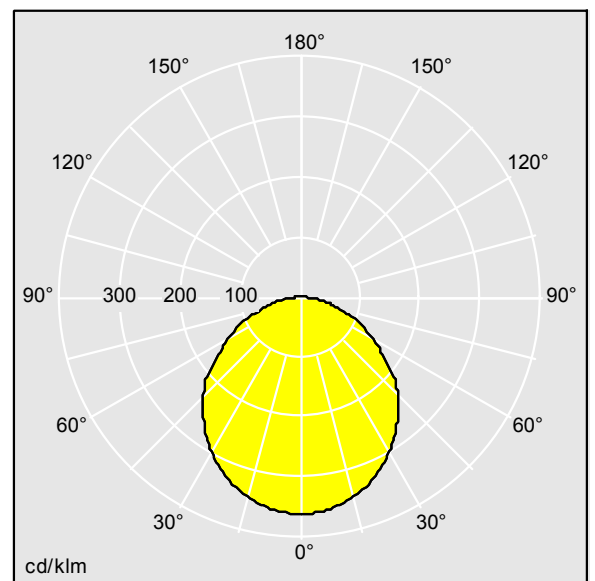
Dimensions: 277 x 277 x 58 mm  
Luminaire input power: 16.3 W  
Luminaire luminous flux: 1950 lm  
Luminaire efficacy: 120 lm/W  
Weight: 0.99 kg



TLG\_KATO\_F\_SQ\_PDB.jpg



TLG\_KATO\_M\_SQ\_LDS.wmf



TLG\_SP\_0043594.ltd

Lamp position: STD - standard  
Light Source: LED  
Luminaire luminous flux\*: 1950 lm  
Luminaire efficacy\*: 120 lm/W  
Lamp efficacy: 119 lm/W  
Colour Rendering Index min.: 80

Correlated colour temperature\*: 4000 Kelvin  
Chromaticity tolerance (initial MacAdam)\*: 3  
Rated median useful life\*:  
50000h L80 at 35°C  
Ballast: 1x LED\_DRV Tridonic LC  
Luminaire input power\*: 16.3 W Power factor = 0.91  
LOR: 1,00 ULOR: 0,03 DLOR: 0,97

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  $\pm 10\%$ . Colour temperature is subject to a tolerance of up to  $\pm 150$  Kelvin from the nominal value. 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).

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