

# Katona

# THORN

## 96631306 KAT SQ 1000-830 HF

LED 8W KATO_LO_83	CB			IP65			CE				850°C	T <sub>a</sub> -15 +35	
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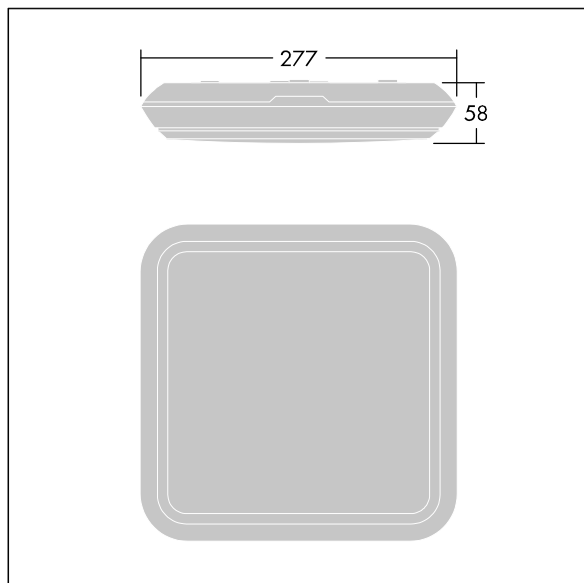
### Katona

A very slim, square functional LED luminaire. Fixed output LED driver. Body: polycarbonate. Diffuser: opal polycarbonate. Class II electrical, IP65, IK10. Complete with 3000K 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.

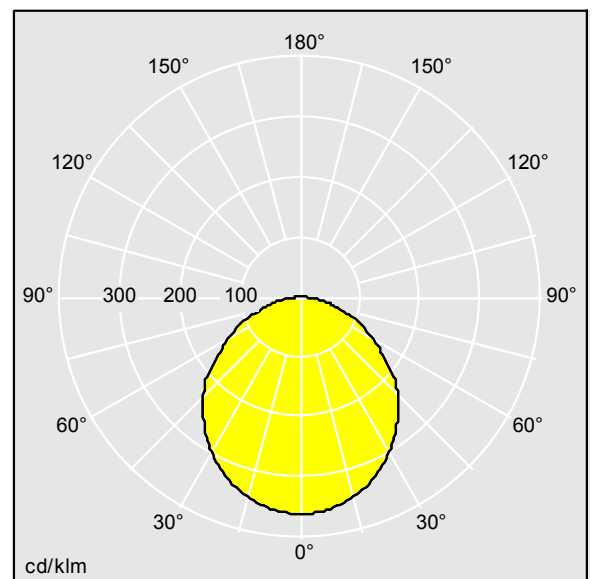
Dimensions: 277 x 277 x 58 mm  
Luminaire input power: 8.3 W  
Luminaire luminous flux: 950 lm  
Luminaire efficacy: 114 lm/W  
Weight: 0.96 kg



TLG\_KATO\_F\_SQ\_PDB.jpg



TLG\_KATO\_M\_SQ\_LDS.wmf



TLG\_SP\_0043589.ltd

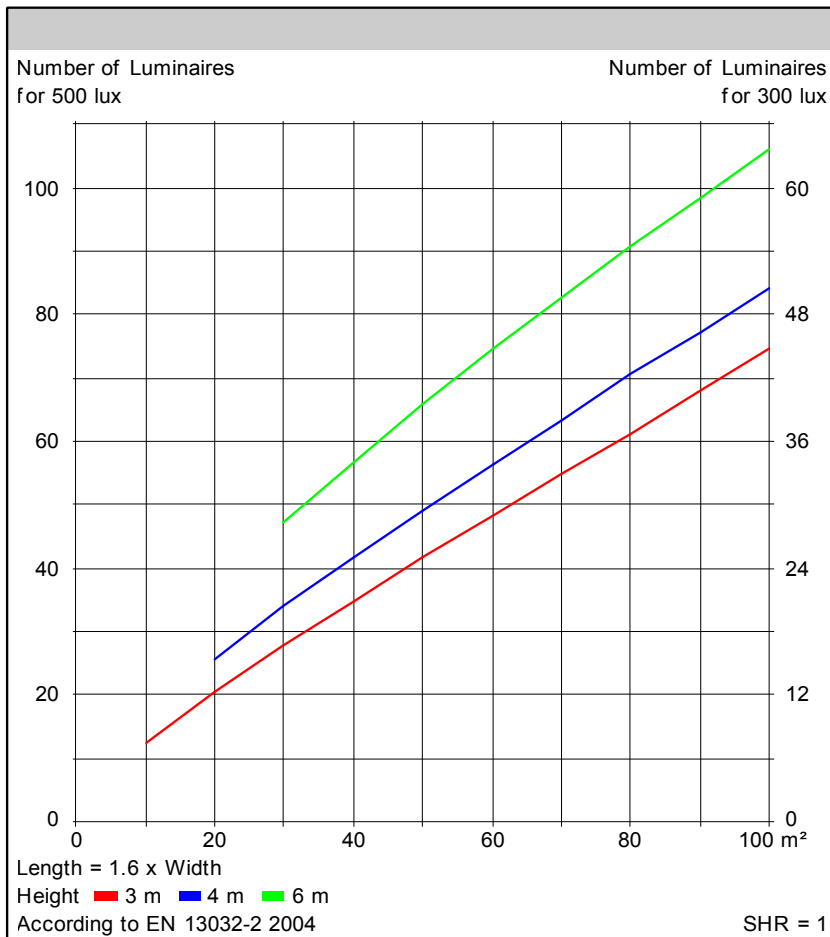
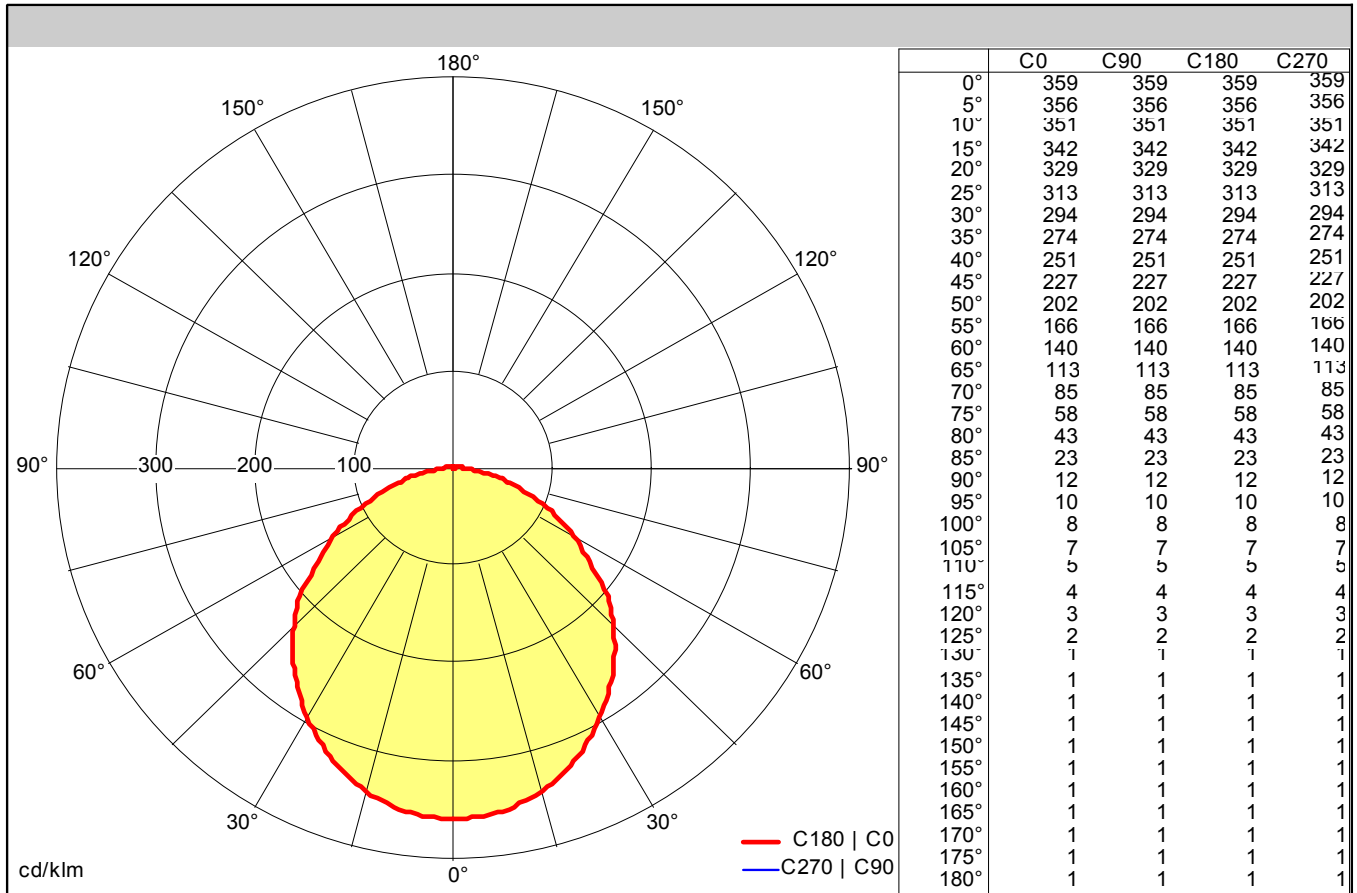
Lamp position: STD - standard  
Light Source: LED  
Luminaire luminous flux\*: 950 lm  
Luminaire efficacy\*: 114 lm/W  
Colour Rendering Index min.: 80  
Ballast: 1 x 87500628 LC 10W 250mA fixC C SNC  
LOR: 1,00 ULOR: 0,03 DLOR: 0,97

Correlated colour temperature: 3000 Kelvin  
Chromaticity tolerance (initial MacAdam): 3  
Rated median useful life\*:  
L80 50000h at 35°C  
Luminaire input power\*: 8.3 W Power factor = 0.91  
Dimming: FIX  
Maintenance category: E - Dust-proof IP5X

This product contains a light source of energy efficiency class D.

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  $\pm 10\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C.

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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Light output ratio	
LOR	100 %
ULOR	3 %
DLOR	97 %
FFR	0.03 (3:97)
BLF	1.00

Glare Evaluation	
X = 4 H, Y = 8 H	S = 0.25 H
Reflection factors	70/50/20
UGR transversal	<22
UGR axial	<22

Classification	
LiTG	A41
EN	
BZ	BZ4
UTE	0.97 D + 0.03 T
CIE Flux Codes	48 79 95 97 100

Photometric data file: TLG\_SP\_0043589.ltd