

# PopPack LED

# THORN

## 96643380 POPPACK LED4000-840 HFI L1500

LED 38W LED_POPR_4250	IP20	IK03			650°C	T <sub>a</sub> -20 +25
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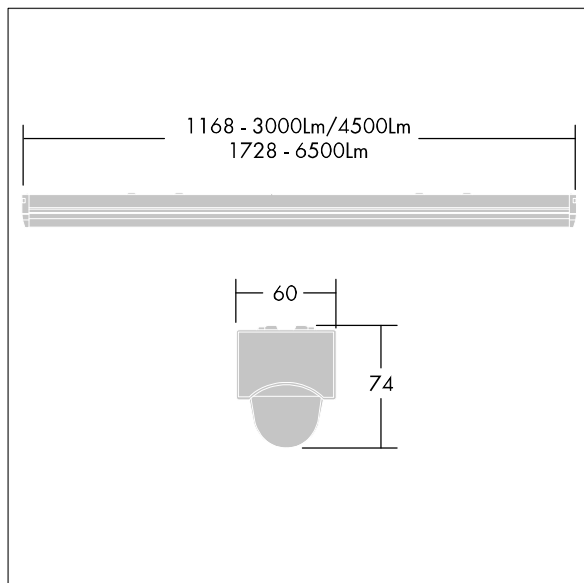
### PopPack LED

Batten LED luminaire with replaceable light engine.  
Electronic, DALI dimmable. Body: coated, formed steel, white (RAL9016). End caps: polycarbonate, white.  
Diffuser: textured opal acrylic. Electrical connection via 6 x 2 x 2.5mm<sup>2</sup> terminal block. Complete with 4000K LED

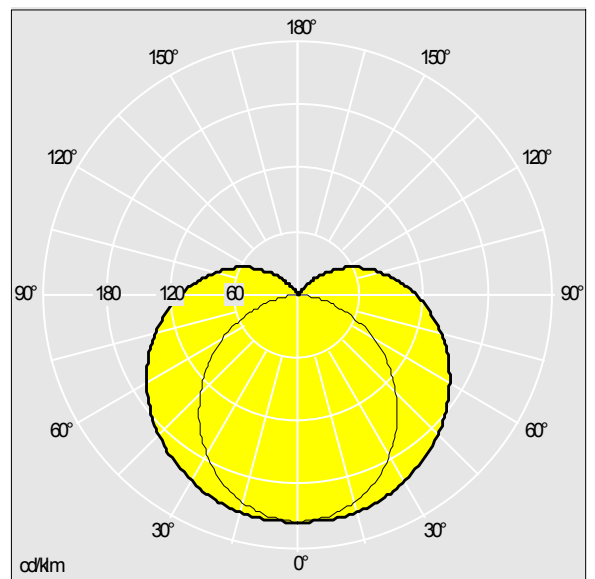
Dimensions: 1455 x 60 x 74 mm  
Total power: 37.6 W  
Luminaire luminous flux: 4250 lm  
Luminaire efficacy: 113 lm/W  
Weight: 1.7 kg



TLG\_POPR\_F\_LEDPDB.jpg



TLG\_POPR\_M\_LED.wmf



TLG\_SP\_0042543.idt

Lamp position: STD - standard  
Light Source: LED  
Luminaire luminous flux\*: 4250 lm  
Luminaire efficacy\*: 113 lm/W  
Lamp efficacy: 113 lm/W  
Colour Rendering Index min.: 80

Correlated colour temperature\*: 4000 Kelvin  
Rated median useful life\*: 50000h L70 at 25°C  
Ballast: 1x HFI\* Tridonic LCA  
Luminaire input power\*: 37.6 W Lambda = 0.95  
Dimming: DaliDim  
LOR: 1,00 ULOR: 0,17 DLOR: 0,83

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.

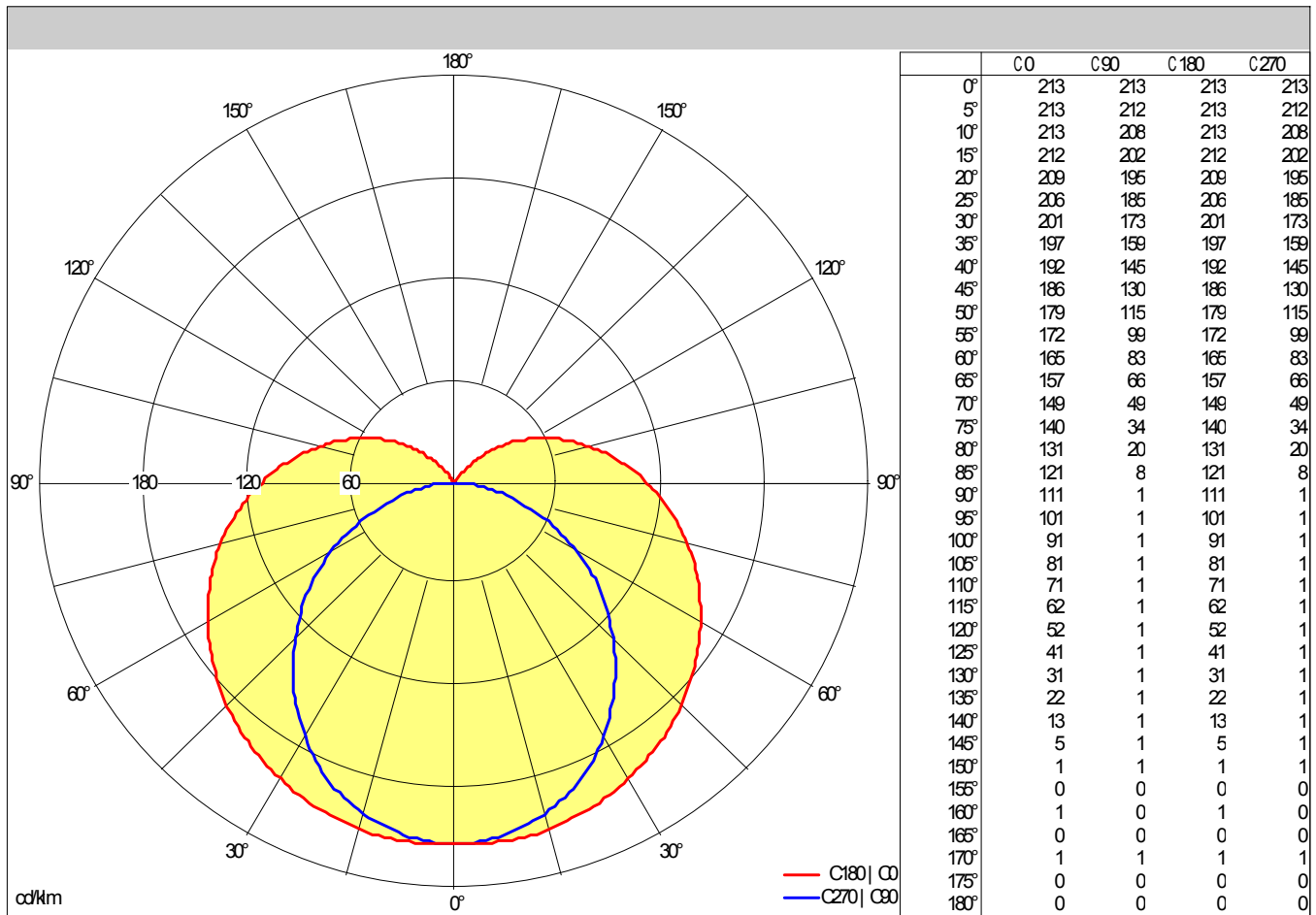
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Light output ratio	
LOR	100%
ULOR	17%
DLOR	83%
FR	0.20/17:83
BLF	1.00

Gare Evaluation	
X=4H Y=8H	S=1.00H
Reflection factors	70/50/20
UGRtransversal	<28
UGRaxial	<25

Classification	
LiTG	B31
EN	
BZ	B26
UTE	0.83G+0.17T
CEFluxCodes	36648583100

Utilization Factors									
Room Reflectance Ceiling/Walls/Floor	Room Index								
	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70/50/20	49	56	63	68	76	81	84	89	93
70/30/20	41	48	55	61	68	74	78	84	88
70/10/20	35	42	49	54	62	68	73	79	84
50/50/20	45	52	59	63	70	74	78	82	85
50/30/20	38	45	52	57	64	69	73	78	81
50/10/20	33	40	47	51	59	64	68	74	78
30/50/20	43	49	55	59	64	69	72	76	78
30/30/20	36	43	49	53	60	64	67	72	75
30/10/20	32	38	44	49	55	60	64	69	73
0/0/0	28	33	39	43	49	53	57	61	64

According to CIBSE Technical Memorandum No. 5 1980

SHR <sub>nom</sub> =	1.50
SHR <sub>max</sub> =	1.75
SHR <sub>maxTR</sub> =	2.17

Photometric data file: TLG\_SP\_0042543.ltd