PopPack LED

96628129 POPPACK +LED7000-840 HF PIR L1200

LED 60W LED_POPR_7150	IP20	IK03	⏚	CE	650°C	T_a -20 +25	

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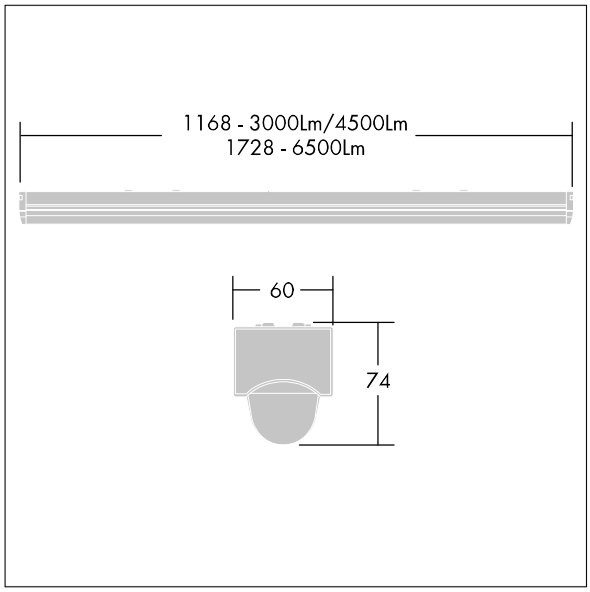
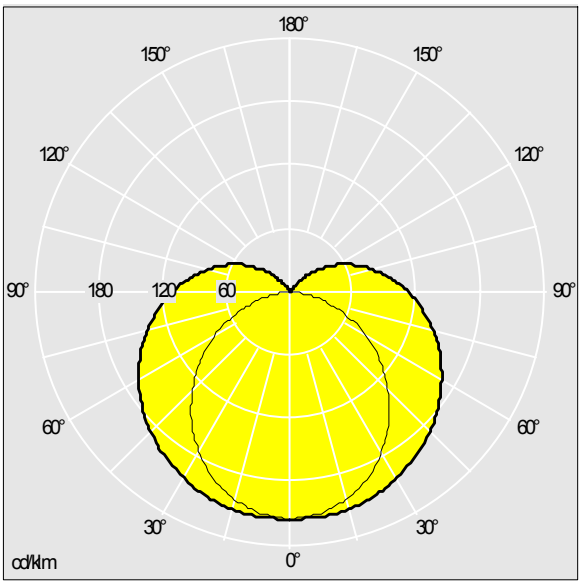
Batten LED luminaire with replaceable light engine. electronic - fixed output fixed output control gear. Body: coated, formed steel, white (RAL9016). End caps: injection moulded polycarbonate, white. Diffuser: textured opal acrylic. Electrical connection via 4 x 2 x 2.5mm² terminal block. Including pre-wired PIR sensor with switch ON/OFF functionality. 3 core wiring sufficient for the through wiring of the products, max. load per circuit = 2A. Complete with 4000K LED.

Dimensions: 1225 x 60 x 74 mm
Total power: 59.8 W
Luminaire luminous flux: 7150 lm
Luminaire efficacy: 120 lm/W
Weight: 1.5 kg

TLG_POPR_F_LEDDDP.jpg



TLG_POPR_M_LED.wmf



TLG_SP_0042549.ldt

Lamp position: STD - standard
Light Source: LED
Luminaire luminous flux*: 7150 lm
Luminaire efficacy*: 120 lm/W
Lamp efficacy: 120 lm/W
Colour Rendering Index min.: 80

Correlated colour temperature*: 4000 Kelvin
Rated median useful life*: 50000h L70 at 25°C
Ballast: 1x HF Tridonic LCI
Luminaire input power*: 59.8 W Lambda = 0.95
Dimming: Fixed output
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 ±10%. Colour temperature is subject to a tolerance of up to +/-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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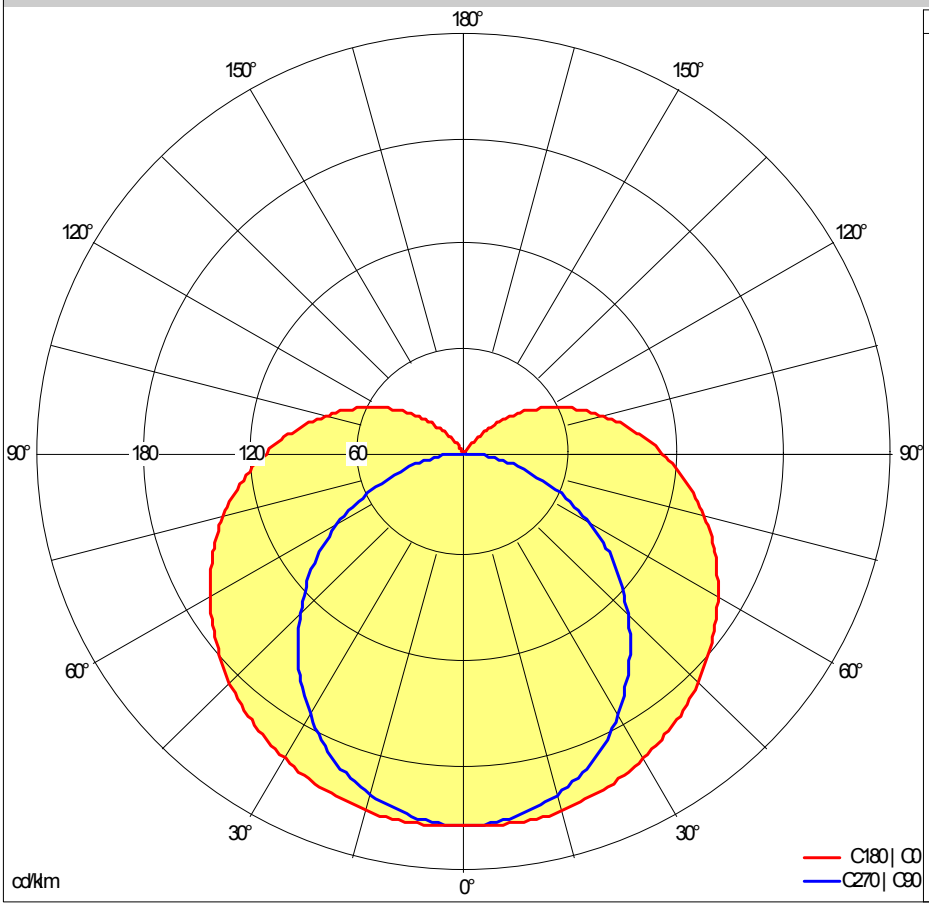

	C0	C90	C180	C270
0°	213	213	213	213
5°	213	212	213	212
10°	213	208	213	208
15°	212	202	212	202
20°	209	195	209	195
25°	206	185	206	185
30°	201	173	201	173
35°	197	159	197	159
40°	192	145	192	145
45°	186	130	186	130
50°	179	115	179	115
55°	172	99	172	99
60°	165	83	165	83
65°	157	66	157	66
70°	149	49	149	49
75°	140	34	140	34
80°	131	20	131	20
85°	121	8	121	8
90°	111	1	111	1
95°	101	1	101	1
100°	91	1	91	1
105°	81	1	81	1
110°	71	1	71	1
115°	62	1	62	1
120°	52	1	52	1
125°	41	1	41	1
130°	31	1	31	1
135°	22	1	22	1
140°	13	1	13	1
145°	5	1	5	1
150°	1	1	1	1
155°	0	0	0	0
160°	1	0	1	0
165°	0	0	0	0
170°	1	1	1	1
175°	0	0	0	0
180°	0	0	0	0

Light output ratio

LOR	100%
ULOR	17%
DLOR	83%
FFR	0.20 (17:83)
BLF	1.00

Glare Evaluation

X=4 H, Y=8 H	S=1.00 H
Reflection factors	70/50/20
UGR transversal	>28
UGR axial	<28

Classification

LiTG	B31
EN	
BZ	BZ6
UTE	0.83 G+0.17 T
CIE Flux Codes	36 64 85 83 100

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 Nom=	1.50
SHR Max=	1.75
SHR Max TR=	2.17

Photometric data file: TLG_SP_0042549.ldt

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