

Petrelux 9 Series

THORN

96012860 PETRELUX P9 2x58w T26 HF E3

G13	58W T26	IP65	CE	850°C	7Nm	Ta25
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ATEX Category 2 Certified linear emergency luminaire

Zone 1 (ATEX Cat 2) fluorescent luminaire, designed and constructed to EEx ed 'increased safety' concept, for 2 x 58 T26 lamps with emergency lighting function. Integral high frequency electronic ballast, emergency lighting control module and battery to provide 3 hour duration emergency lighting. Body, constructed from aluminium alloy extrusion with AA25 anodised finish, incorporates linear retention slot for T8 quick fit bolts (supplied). Body end caps are moulded Petrelux Green polycarbonate and are bonded and sealed to the body. Enclosure is clear UV stabilised polycarbonate with linear prisms. Enclosure is held to body by internal cams operated by a single hexagonal key. IP65. Certification code EEx ed 11C T4.

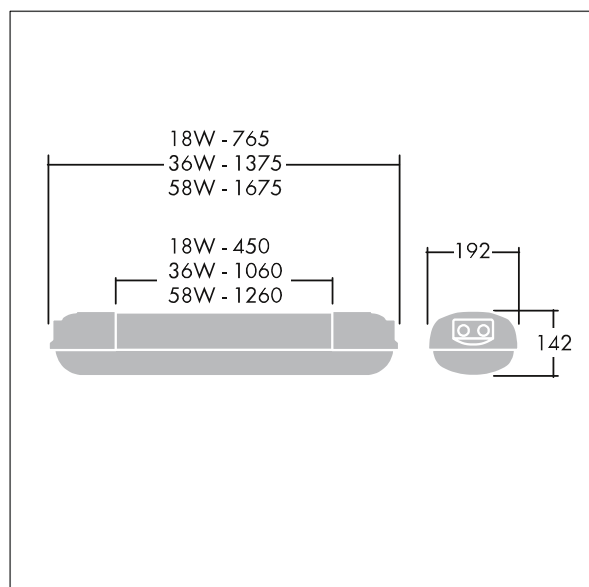
Dimensions: 1675 x 192 x 142 mm

Total power: 108 W

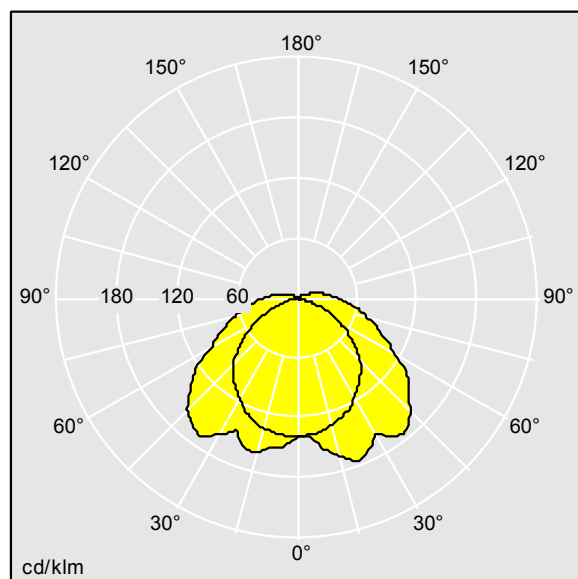
Weight: 12 kg



TLG_PTLX_F_01.jpg



TLG_PTLX_M_LD1.wmf



TLG_SP_R0024748.ltd

Lamp position: STD - standard
 Light Source: 2 x T26 / 58W
 Luminaire luminous flux*: 6032 lm
 Lamp luminous flux: 2 x 5200 lm
 Total emergency luminous flux: 3016 lm
 Luminaire efficacy*: 56 lm/W
 LOR: 0,58 ULOR: 0,04 DLOR: 0,54

Lamp efficacy: 96 lm/W
 Colour Rendering Index min.: 80
 Ballast: 1x HF ELXe
 Luminaire input power*: 108 W Power factor = 0.95
 CELMA EEI: A2
 Maintenance category: E - Dust-proof IP5X

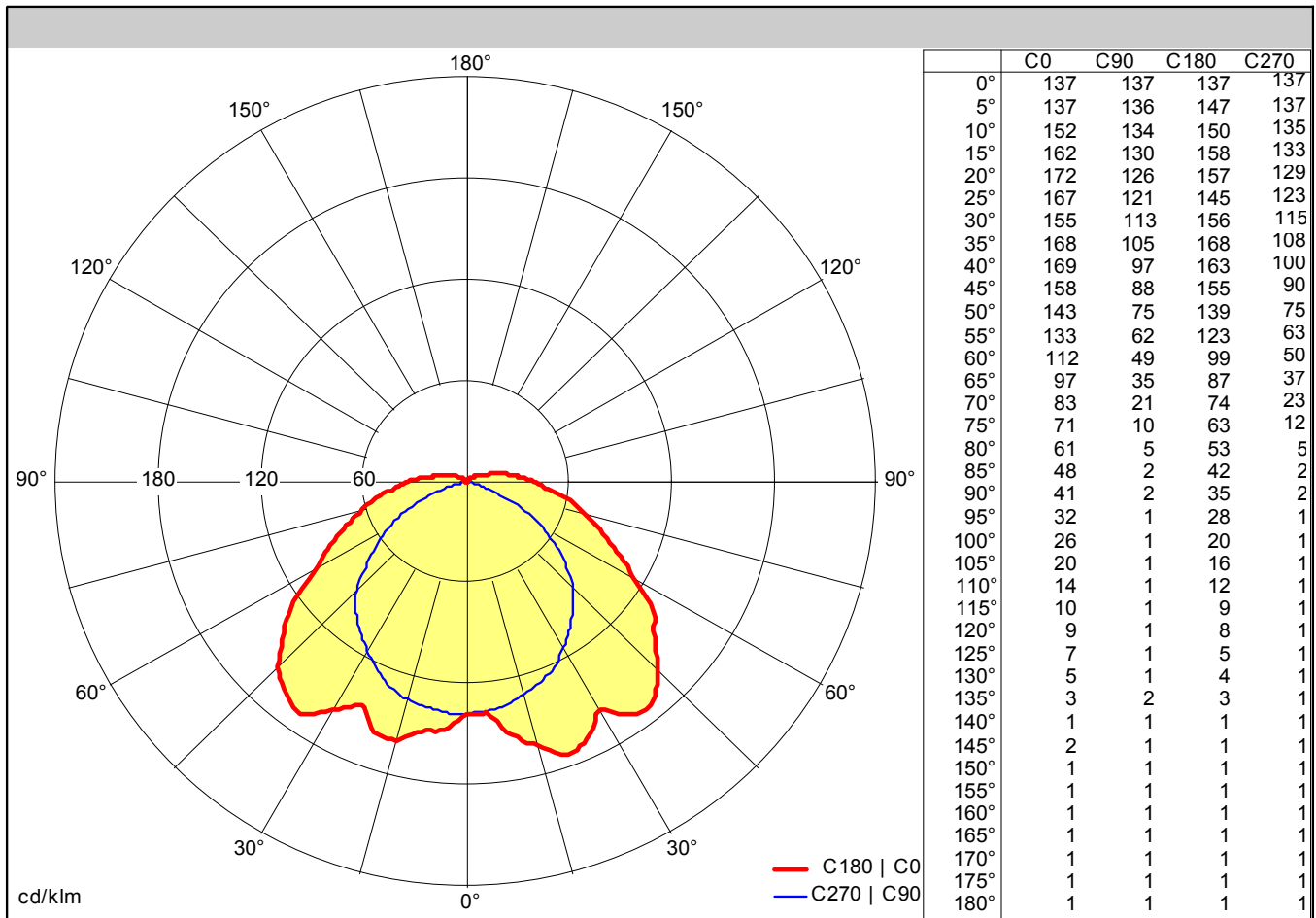
All values marked with an * are rated values. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

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		Glare Evaluation		Classification	
LOR	58 %	X = 4 H, Y = 8 H	S = 1.00 H	LiTG	A31
ULOR	4 %	Reflection factors	70/50/20	EN	
DLOR	54 %	UGR transversal	<25	BZ	
FFR	0.07 (7:93)	UGR axial	<19	UTE	0.54 E + 0.04 T
BLF	1.00			CIE Flux Codes	41 74 92 94 58

Utilization Factors								
Room Reflectance Ceiling/Walls/Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00 5.00
70 / 50 / 20								
70 / 30 / 20								
70 / 10 / 20								
50 / 50 / 20								
50 / 30 / 20								
50 / 10 / 20								
30 / 50 / 20								
30 / 30 / 20								
30 / 10 / 20								
0 / 0 / 0								
According to CIBSE Technical Memorandum No. 5 1980					SHR Nom =		NA	
					SHR Max =		NA	
					SHR Max TR =		NA	

Photometric data file: TLG_SP_R0024748.ltd