

Petrelux 7 Series

THORN

96100187 PETRELUX P7 2x36w T26 HF

G13 T26	36W T26	IP66			850 °C	 7Nm	T _a 40 55
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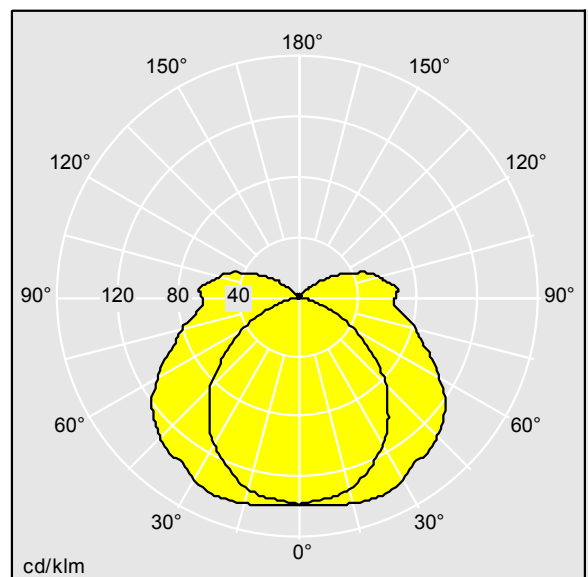
ATEX Category 2 Certificated flameproof EExd linear fluorescent luminaire

Zone 1 (ATEX Cat 2) fluorescent luminaire for 2 x 36W T26 lamp. Integral high frequency electronic ballast. Body and covers manufactured from die cast aluminium alloy with Petrelux Green 2 pack epoxy paint finish. Overtube clear polycarbonate. IP66 to IEC 529. Certification code EEx de 11B for 36w, 58w and 70w T26 versions. EEx de 11C for 18w T26, 36w and 55w TC-L versions. Temperature class T6 (70w T26 versions T5)

Dimensions: 1362 x 140 x 158 mm
Total power: 71 W
Weight: 7.1 kg



TLG_PTLX_F_7EM.jpg



TLG_SP_R0024899.ltd

Lamp position: STD - standard
Light Source: 2 x T26 / 36W
Luminaire luminous flux*: 4080 lm
Lamp luminous flux: 2 x 3350 lm
Luminaire efficacy*: 57 lm/W
Lamp efficacy: 94 lm/W

Colour Rendering Index min.: 80
Ballast: 1x HF ELXe
Luminaire input power*: 71 W Power factor = 0.95
CELMA EEI: A2
Maintenance category: E - Dust-proof IP5X
LOR: 0,61 ULOR: 0,09 DLOR: 0,51

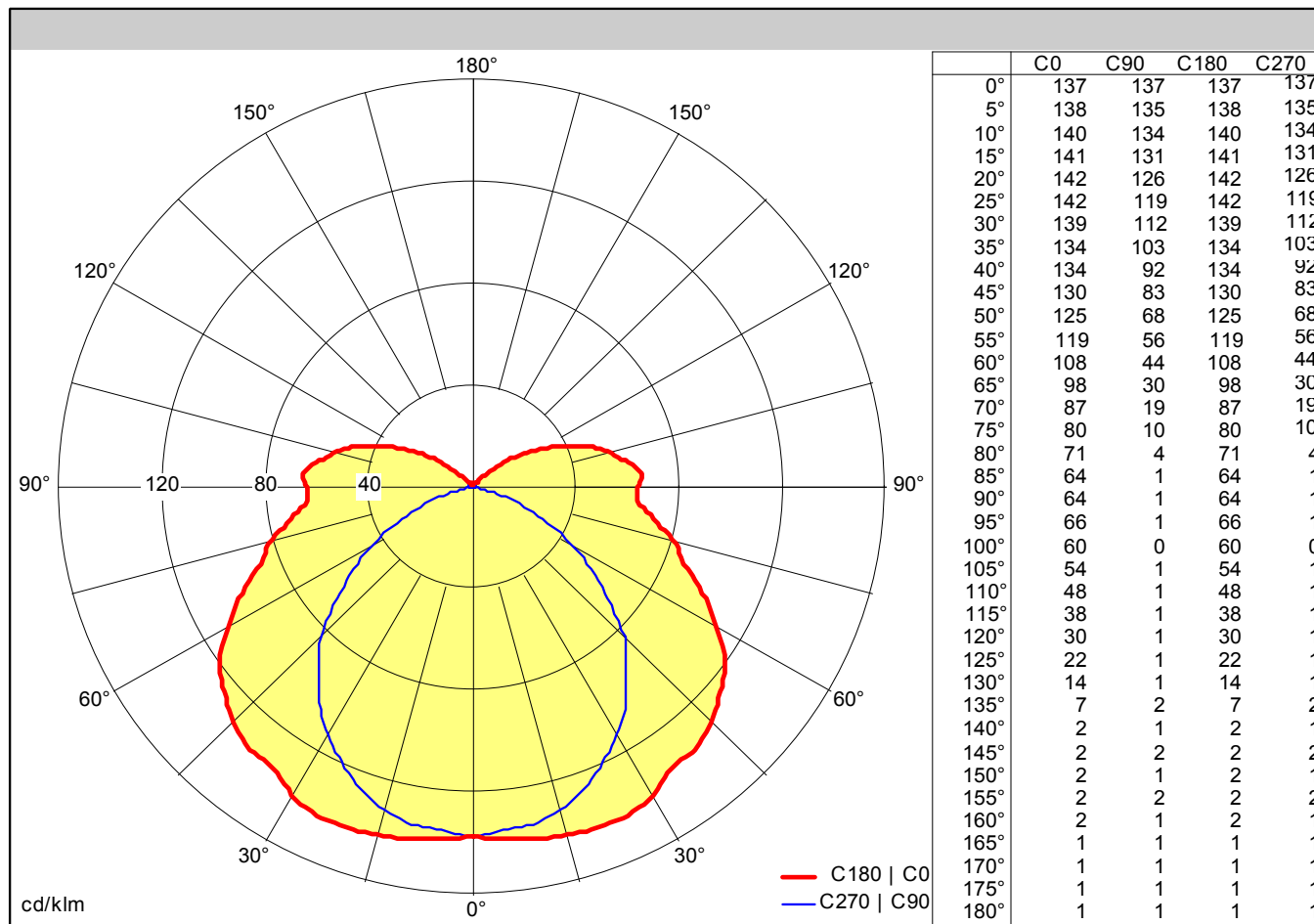
All values marked with an * are rated values. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

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	
LOR	61 %
ULOR	10 %
DLOR	51 %
FFR	0.20 (16:84)
BLF	1.00

Glare Evaluation	
X = 4 H, Y = 8 H	S = 1.00 H
Reflection factors	70/50/20
UGR transversal	<25
UGR axial	<19

Classification	
LiTG	B31
EN	
BZ	BZ5/5/BZ6
UTE	0.51 G + 0.09 T
CIE Flux Codes	39 69 88 85 61

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	NA	37	41	44	48	51	53	56	58
70 / 30 / 20	NA	32	36	39	44	47	50	53	55
70 / 10 / 20	NA	29	33	36	41	44	47	50	53
50 / 50 / 20	NA	35	38	41	45	47	49	52	53
50 / 30 / 20	NA	30	34	37	41	44	46	49	51
50 / 10 / 20	NA	27	31	34	39	42	44	47	50
30 / 50 / 20	NA	32	36	38	42	44	46	48	49
30 / 30 / 20	NA	29	32	35	39	41	43	46	48
30 / 10 / 20	NA	26	30	33	37	39	42	44	46
0 / 0 / 0	NA	24	27	29	33	35	37	40	41
According to CIBSE Technical Memorandum No. 5 1980						SHR Nom =	1.75		
						SHR Max =	1.82		
						SHR Max TR =	2.33		

Photometric data file: TLG_SP_R0024899.ltd