

Specline LED

THORN

SP3700ZOP / 96241476 SPECLINELED 3700 HF OP WL4 L840 597

LED 44W LED_3700	EN 60598	IP 40/20	IK02	⊕	CE	650°C	T _a 0 +25	
------------------	----------	----------	------	---	----	-------	-------------------------	--

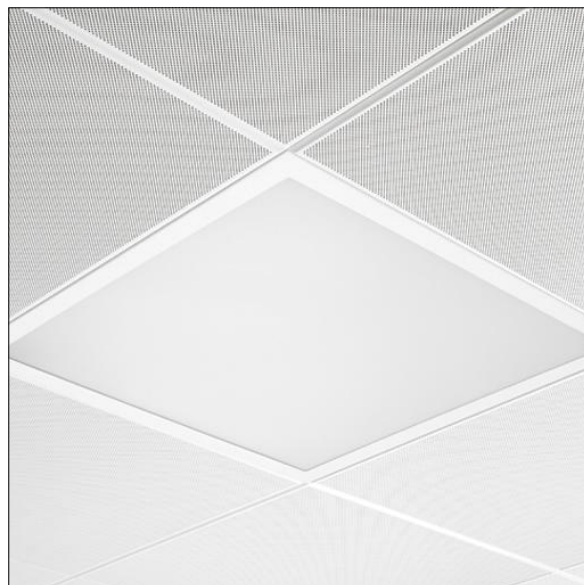
Specline LED

A recessed, LED modular luminaire with 3700lm LED package. Electronic, fixed output control gear. Body: white steel sheet. Diffuser/Optic: opal acrylic. Suitable for lay-in (exposed tee 15 and 24mm) suspended ceilings. Suitable for pull-up (concealed tee) suspended ceilings using wedge brackets (to be ordered separately), fitted externally. Electrical connection via panel mounted 4 pole Wieland connector, appropriate female connectors to be ordered separately. Class I electrical. IP40. Complete with 4000K LED

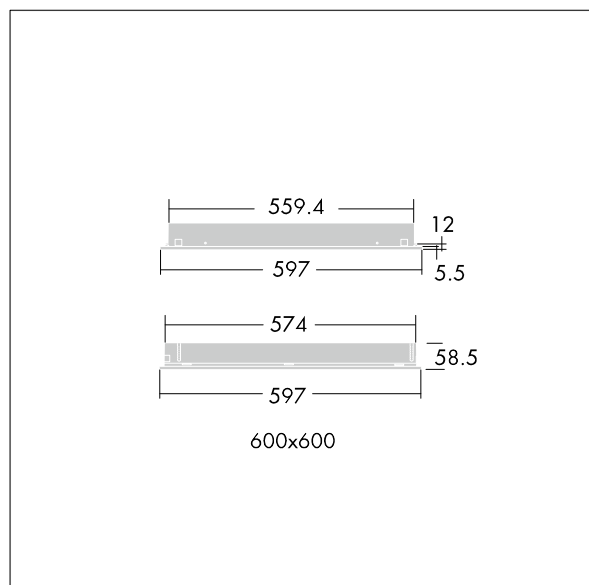
Dimensions: 597 x 597 x 63 mm

Total power: 35 W

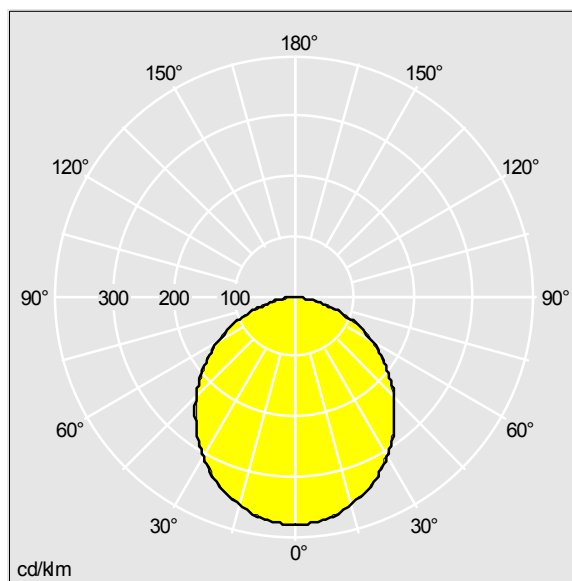
Weight: 5 kg



TLG_SPLD_F_LEDOP.jpg



TLG_SPLD_M_LD1LED600.wmf



TLG_SP_0040160.ltd

Lamp position: STD - standard

Light Source: 1 x LED_3700 / 35W

Total luminous flux: 3700 lm

Luminaire efficacy: 106 lm/W

Colour Rendering Index min.: 80

Lamp efficacy: 106 lm/W

Ballast: 1x HF_ Tridonic

Connected Load: 35 W Lambda = 0.95

Dimming: Fixed output

LOR: 1,00 ULOR: 0,00 DLOR: 1,00

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.

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. International standards set the tolerance in initial flux and connected load at $\pm 10\%$. Colour temperature is subject to a tolerance of up to ± 150 Kelvin from the nominal value.

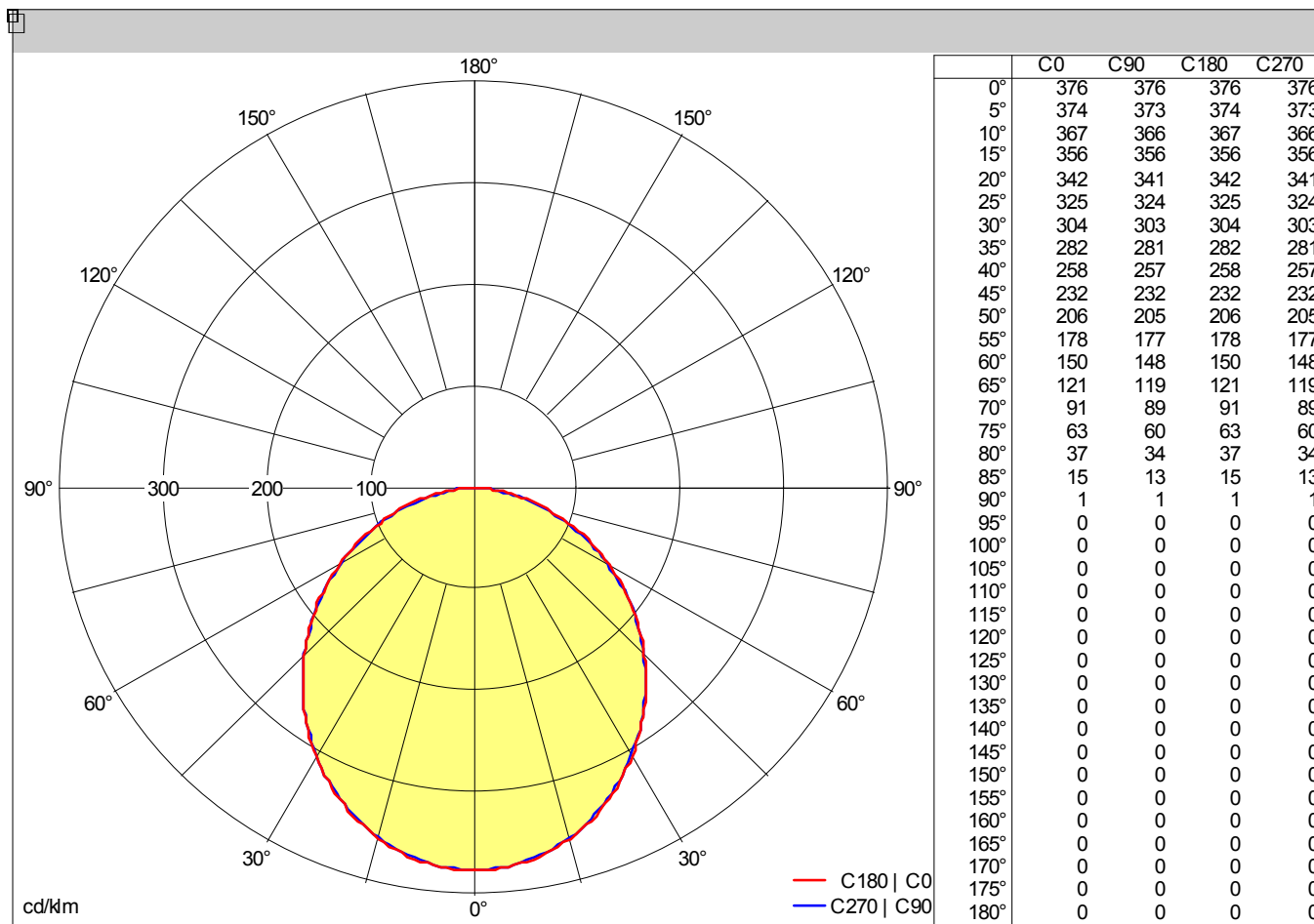
Thorn Lighting is constantly developing and improving its products. The right is reserved to change specifications without prior notification or public announcement.

© Thorn Lighting

Specline LED

THORN

SP3700ZOP / 96241476 SPECLINELED 3700 HF OP WL4 L840 597



Light output ratio	
LOR	100 %
ULOR	0 %
DLOR	100 %
FFR	0.00 (0:100)
BLF	1.00

Glare Evaluation	
X = 4 H, Y = 8 H	S = 1.00 H
Reflection factors	70/50/20
UGR transversal	<22
UGR axial	<22

Classification	
LiTG	A40
EN	
BZ	BZ4
UTE	1.00 D
CIE Flux Codes	49 80 96 100 100

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	62	70	77	82	89	94	97	101	104
70 / 30 / 20	54	62	70	75	83	88	92	97	101
70 / 10 / 20	49	57	64	70	78	84	88	94	98
50 / 50 / 20	60	68	74	79	86	90	93	97	100
50 / 30 / 20	53	61	68	74	81	86	89	94	97
50 / 10 / 20	48	56	64	69	77	82	86	91	95
30 / 50 / 20	58	66	72	77	83	87	90	94	96
30 / 30 / 20	52	60	67	72	79	83	87	91	94
30 / 10 / 20	48	55	63	68	75	80	84	89	92
0 / 0 / 0	46	53	60	65	72	76	80	84	87
According to CIBSE Technical Memorandum No. 5 1980						SHR Nom =	1.50		
						SHR Max =	1.53		
						SHR Max TR =	1.71		

Photometric data file: TLG_SP_0040160.lgt