EyeKon LED

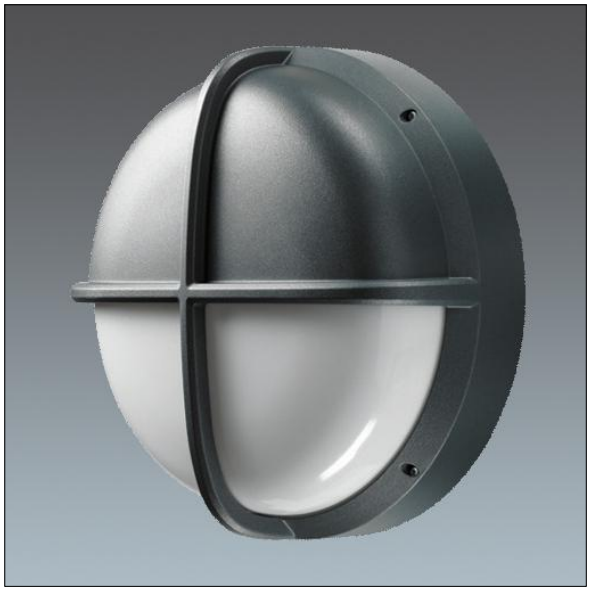
96665872 EYE VS LED700-840 HF E3 S ANT

LED 11W EYKL_VSSHO4K	EN 55015	IP65	IK10	⏚	CE	850°C	T_a25	

EyeKon LED

Round, impact resistant LED bulkhead luminaire. Electronic, fixed output control gear with 3 hour, manual test, emergency lighting circuit. Class I electrical, IP65, IK10. Body: small size, die-cast aluminium (LM6), powder coated anthracite. Diffuser: opal polycarbonate with die-cast aluminium visor feature. Electrical connection via 4 x 2 x 2.5mm² terminal block. Complete with 4000K LED

Dimensions: Ø285 x 150 mm
Total power: 11 W
Weight: 2.8 kg



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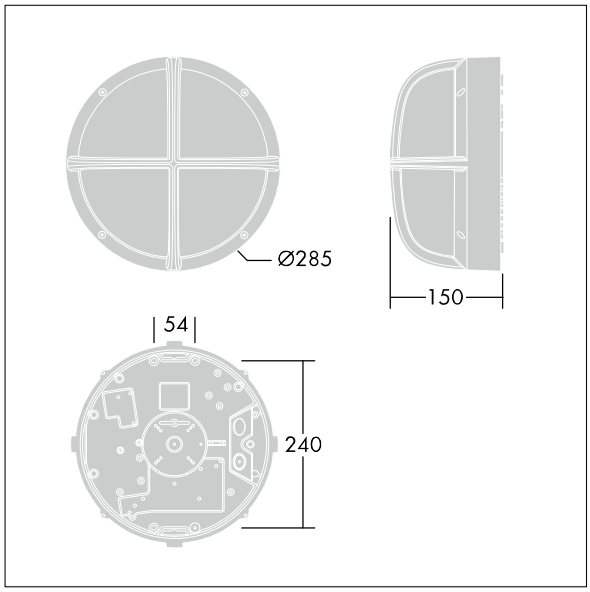

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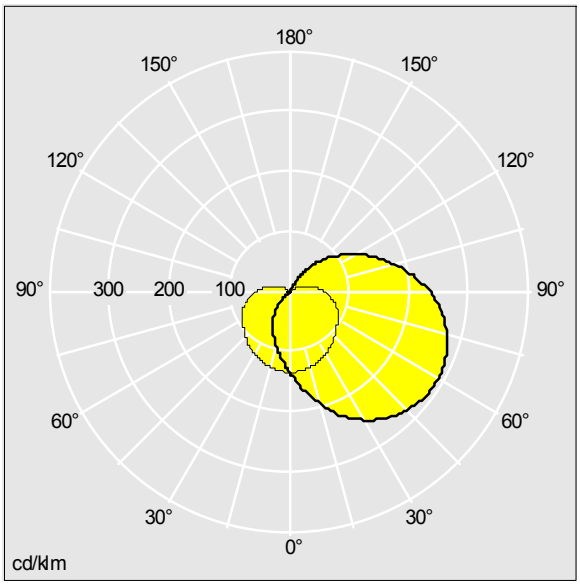

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Lamp position: STD - standard
Light Source: LED
Luminaire luminous flux*: 700 lm
Total emergency luminous flux: 75 lm
Luminaire efficacy*: 64 lm/W
Lamp efficacy: 64 lm/W
Colour Rendering Index min.: 80
LOR: 1,00 ULOR: 0,27 DLOR: 0,73

Correlated colour temperature*: 4000 Kelvin
Chromaticity tolerance (initial MacAdam)*: 3
Rated median useful life*:
50000h L90 at 25°C
Ballast: 1x EL2 Tridonic LCI
Luminaire input power*: 11 W
Charging power: 4 W
Dimming: TLD0

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. Unless otherwise stated all Thorn LED products are suitable for unrestricted use (rated RG0 or RG1) with regard photobiological blue light safety (IEC/EN60598-1).

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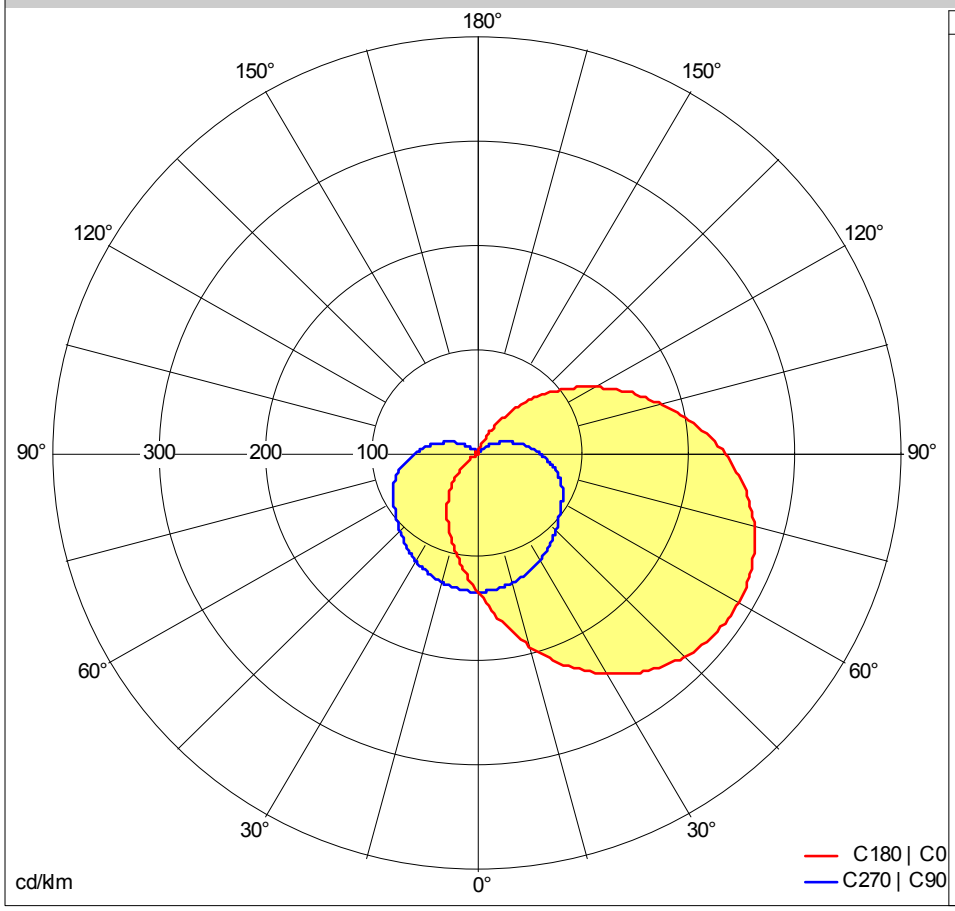

	C 0	C90	C180	C270
0°	132	132	132	132
5°	150	131	117	131
10°	170	130	103	130
15°	190	127	90	127
20°	210	125	79	125
25°	228	121	68	121
30°	243	117	57	117
35°	256	113	47	113
40°	267	109	37	109
45°	275	104	27	104
50°	281	99	17	99
55°	284	95	8	95
60°	284	92	3	92
65°	281	88	1	88
70°	277	84	2	84
75°	270	79	2	79
80°	260	73	2	73
85°	247	66	2	66
90°	233	59	3	59
95°	217	52	3	52
100°	198	45	3	45
105°	181	39	2	39
110°	163	33	2	33
115°	145	27	2	27
120°	128	21	2	21
125°	110	15	1	15
130°	93	11	1	11
135°	76	7	1	7
140°	60	4	1	4
145°	44	1	1	1
150°	29	1	1	1
155°	16	1	1	1
160°	7	1	1	1
165°	1	1	1	1
170°	1	1	1	1
175°	1	1	1	1
180°	1	1	1	1

Light output ratio

LOR	100 %
ULOR	27 %
DLOR	73 %
FFR	0.37 (27:73)
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	<22

Classification

LiTG	B21
EN	
BZ	
UTE	0.73 H + 0.27 T
CIE Flux Codes	29 55 79 73 100

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									
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_0042769.ldt

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