Omega LED

96241753 OMEGA LED 1000-840 HF MRE

LED 12W LED_920_4K	T_a25	$T_{p(b)}$		IP20 IP44		CE		EAC	650°C	

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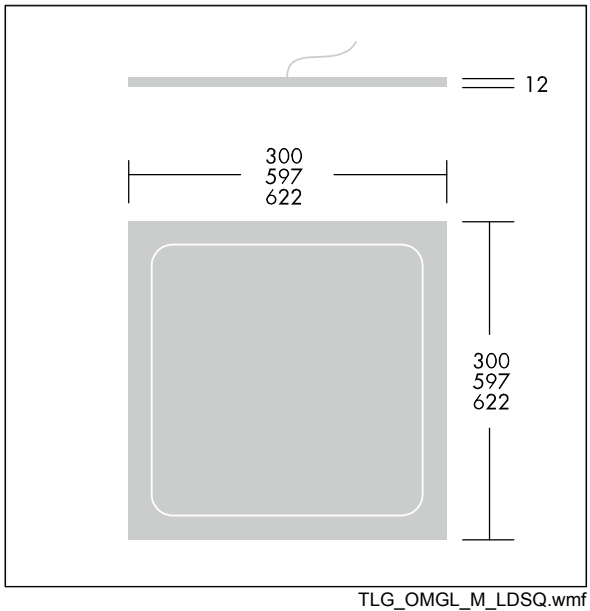
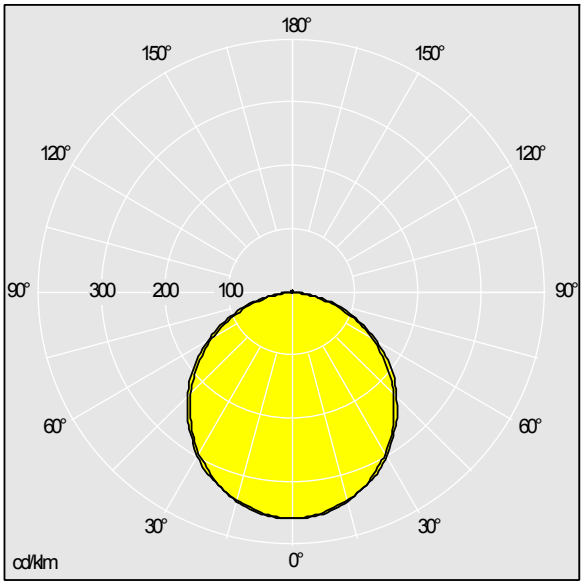
A ceiling recessed LED luminaire with a slim 12mm profile. Electronic, fixed output control gear. Class II electrical, IP44 from below, IP44_IP20 from above, IK02. Body: sheet steel, white (RAL9016). Diffuser: UV-stabilized opal acrylic. Electrical connection via push wire terminal blocks, loop in/loop out possible. Complete with 4000K LED

Dimensions: 300 x 300 x 12 mm
Total power: 12.3 W
Weight: 2.3 kg

TLG_OMGL_F_SLIM300X300PDB.jpg



TLG_OMGL_M_LDSQ.wmf



TLG_SP_0041288.ldt

Lamp position: STD - standard
Light Source: LED
Luminaire luminous flux*: 920 lm
Luminaire efficacy*: 75 lm/W
Lamp efficacy: 75 lm/W
Correlated colour temperature*: 4000 Kelvin

Rated median useful life*: 50000h L70 at 25°C
Ballast: 1x HF_ Tridonic LCI
Luminaire input power*: 12.3 W Lambda = 0.95
Dimming: Fixed output
Maintenance category: D - Enclosed IP2X
LOR: 1,00 ULOR: 0,01 DLOR: 0,99

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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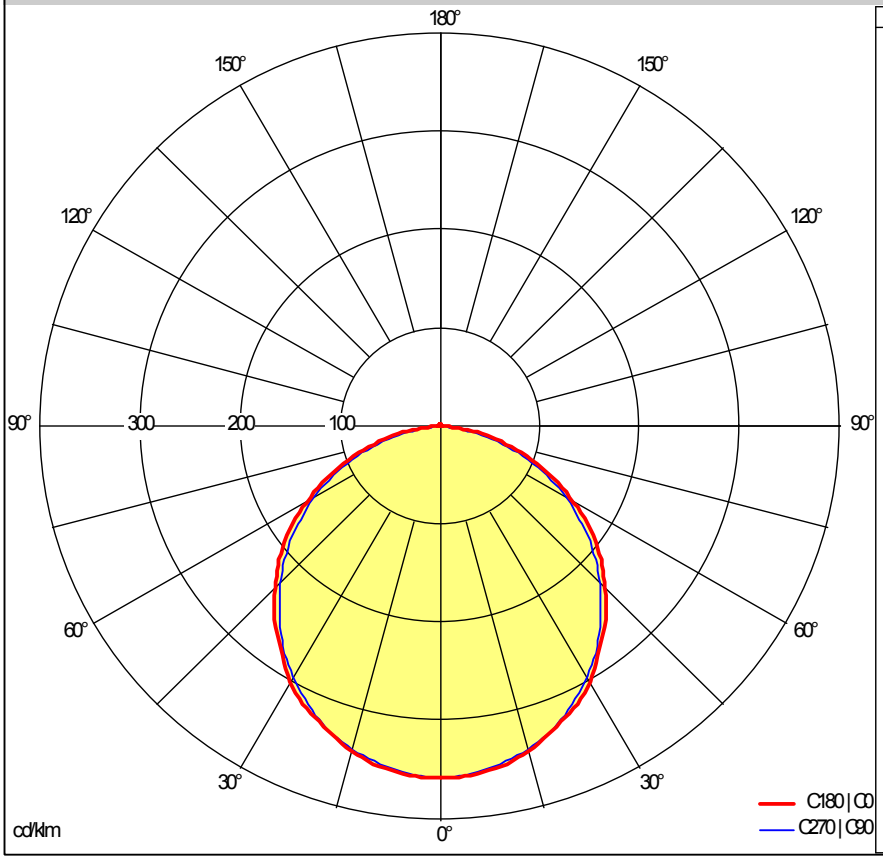
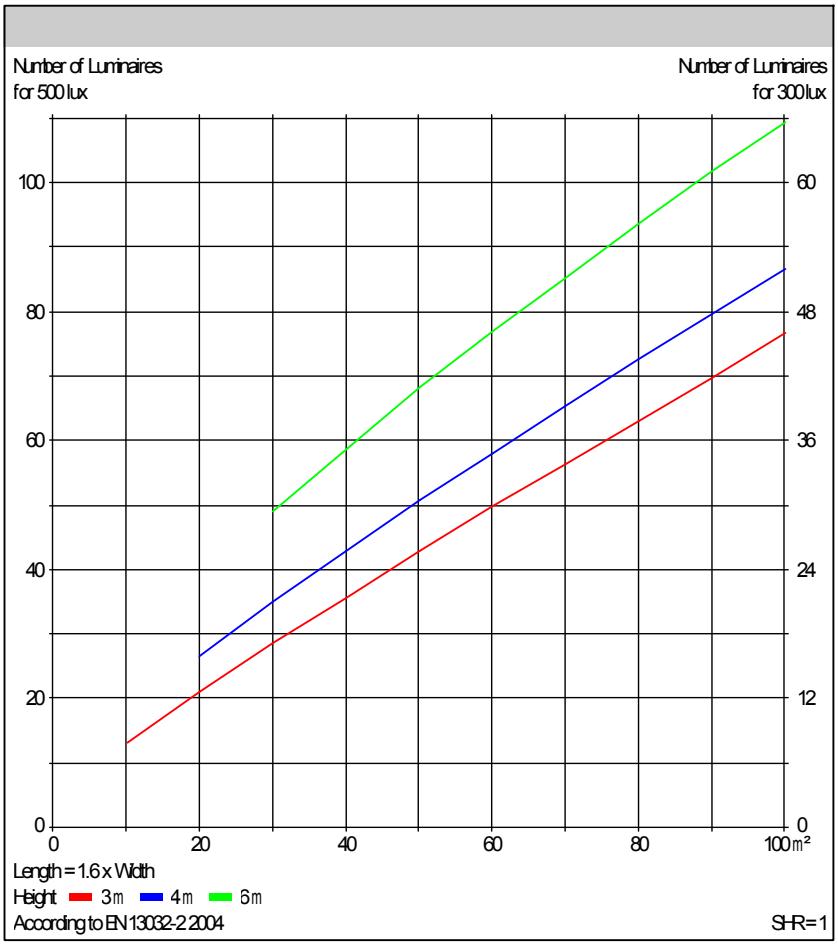


	C0	C90	C180	C270
0°	357	357	357	357
5°	356	354	356	354
10°	350	348	350	348
15°	341	339	341	339
20°	328	328	328	328
25°	316	311	316	311
30°	299	294	299	294
35°	277	273	277	273
40°	257	249	257	249
45°	233	226	233	226
50°	210	200	210	200
55°	183	174	183	174
60°	154	146	154	146
65°	126	117	126	117
70°	97	88	97	88
75°	69	59	69	59
80°	42	33	42	33
85°	20	12	20	12
90°	4	1	4	1
95°	2	1	2	1
100°	1	1	1	1
105°	1	1	1	1
110°	2	1	2	1
115°	2	2	2	2
120°	2	1	2	1
125°	2	1	2	1
130°	2	1	2	1
135°	1	1	1	1
140°	2	1	2	1
145°	2	1	2	1
150°	2	1	2	1
155°	2	1	2	1
160°	1	1	1	1
165°	2	1	2	1
170°	2	1	2	1
175°	2	2	2	2
180°	1	1	1	1



Light output ratio

LOR	100 %
ULOR	1 %
DLOR	99 %
FFR	0.01 (1:99)
BUF	1.00

Glare Evaluation

X=4 H, Y=8 H	S=0.25 H
Reflection factors	70/50/20
UGR transversal	<22
UGR axial	<22

Classification

LiTG	A41
EN	
BZ	BZ4
UTE	0.99 D+0.01 T
CIE Flux Codes	48 79 96 99 100

Photometric data file: TLG_SP_0041288.ldt

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