Omega LED

96629743 OMEGA LED 3300-840 HF Q597

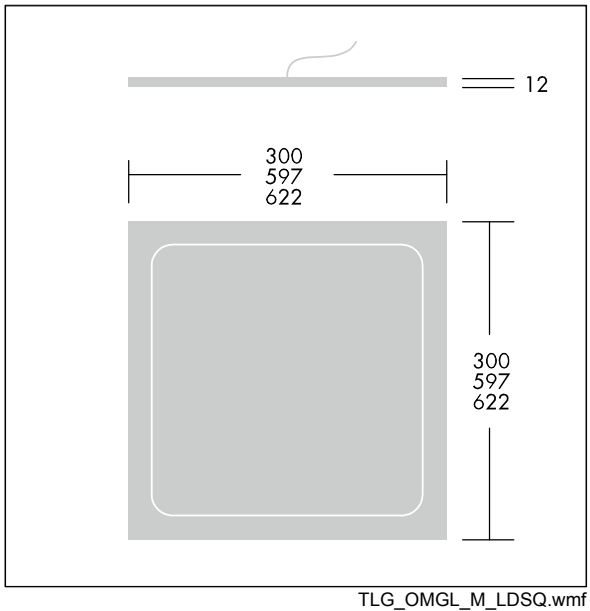
LED 29W OMGL_L40	$T_{p(b)}$			IP20 IP44		CE	650 °C	T_a25	

Omega LED

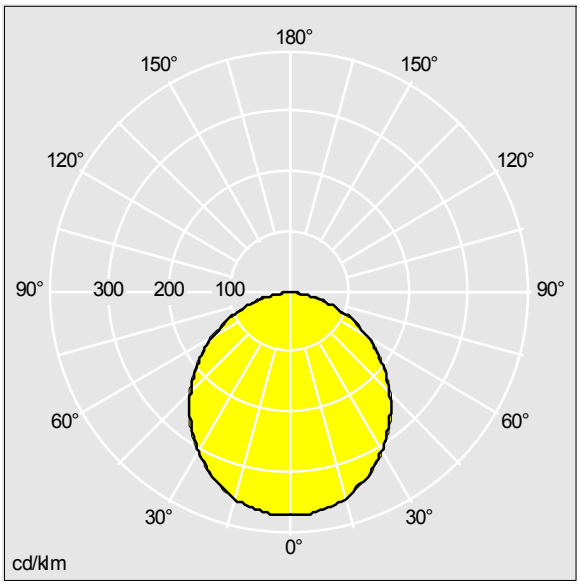
A recessed/surface/suspended LED luminaire with a slim 12mm profile. Electronic, fixed output control gear. Class II electrical, IP44 from below, IP44_IP20 from above, IK02. Body: steel sheet, white (RAL9016). Diffuser: UV-stabilized opal acrylic. Electrical connection via push wire terminal blocks,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

Dimensions: 597 x 597 x 12 mm
Total power: 29 W
Luminaire luminous flux: 3300 lm
Luminaire efficacy: 114 lm/W
Weight: 5.1 kg

TLG_OMGL_F_SLIM.jpg



TLG_OMGL_M_LDSQ.wmf



TLG_SP_0043104.ldt

Lamp position: STD - standard
Light Source: LED
Luminaire luminous flux*: 3300 lm
Luminaire efficacy*: 114 lm/W
Lamp efficacy: 114 lm/W
Colour Rendering Index min.: 80
Correlated colour temperature*: 4000 Kelvin

Chromaticity tolerance (initial MacAdam)*: 3
Rated median useful life*:
50000h L90 at 25°C
Ballast: 1x HF_
Luminaire input power*: 29 W
Dimming: TLD0
Maintenance category: D - Enclosed IP2X
LOR: 1,00 ULOR: 0,00 DLOR: 1,00

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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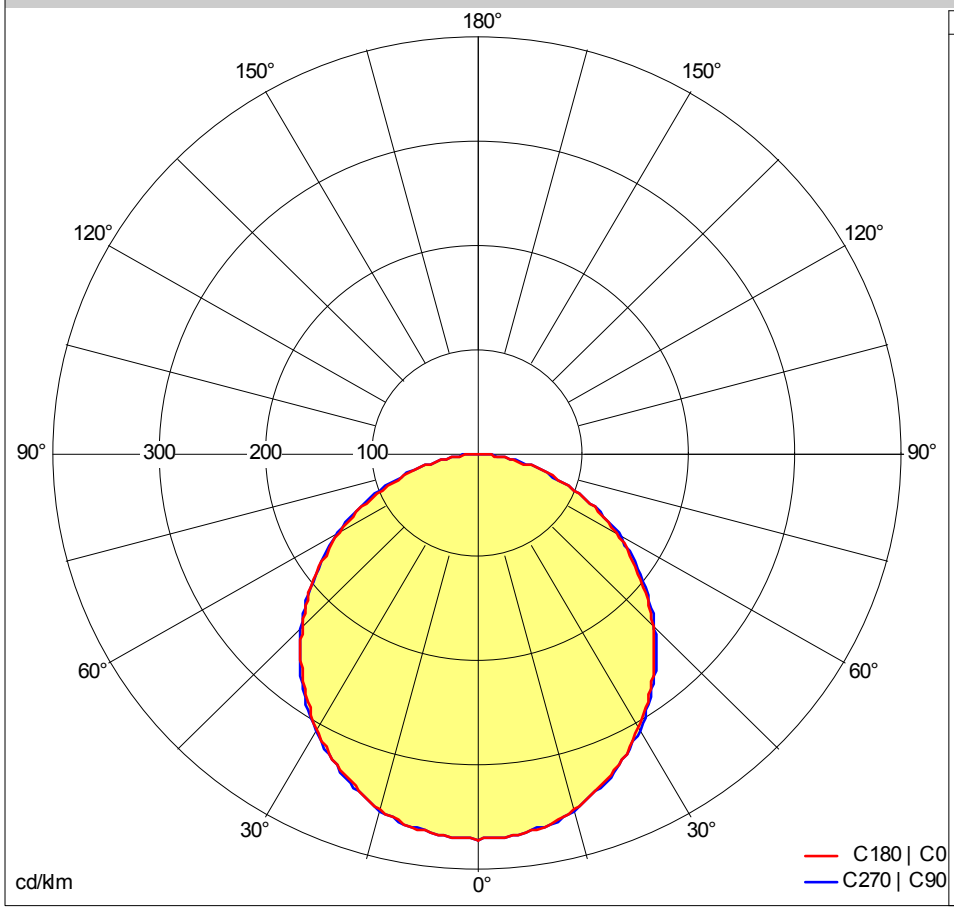

	C 0	C90	C180	C270
0°	369	369	369	369
5°	367	367	367	367
10°	362	362	362	362
15°	353	354	353	354
20°	338	339	338	339
25°	323	324	323	324
30°	303	305	303	305
35°	282	284	282	284
40°	259	261	259	261
45°	233	236	233	236
50°	207	209	207	209
55°	179	181	179	181
60°	150	152	150	152
65°	121	122	121	122
70°	91	92	91	92
75°	62	63	62	63
80°	35	36	35	36
85°	13	14	13	14
90°	0	0	0	0
95°	0	0	0	0
100°	0	0	0	0
105°	0	0	0	0
110°	0	0	0	0
115°	0	0	0	0
120°	0	0	0	0
125°	0	0	0	0
130°	0	0	0	0
135°	0	0	0	0
140°	0	0	0	0
145°	0	0	0	0
150°	0	0	0	0
155°	0	0	0	0
160°	0	0	0	0
165°	0	0	0	0
170°	0	0	0	0
175°	0	0	0	0
180°	0	0	0	0

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	48 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	61	69	77	82	89	94	97	101	104
70 / 30 / 20	54	62	70	75	83	88	92	97	101
70 / 10 / 20	48	56	64	70	78	84	88	94	98
50 / 50 / 20	59	67	74	79	86	90	93	97	100
50 / 30 / 20	53	61	68	73	81	86	89	94	97
50 / 10 / 20	48	56	63	69	77	82	86	91	95
30 / 50 / 20	58	65	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 = 1.54
SHR Max TR = 1.74

Photometric data file: TLG_SP_0043104.ldt

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