Beta Panel

96628021 BETA 3400 HF Q597 LED840

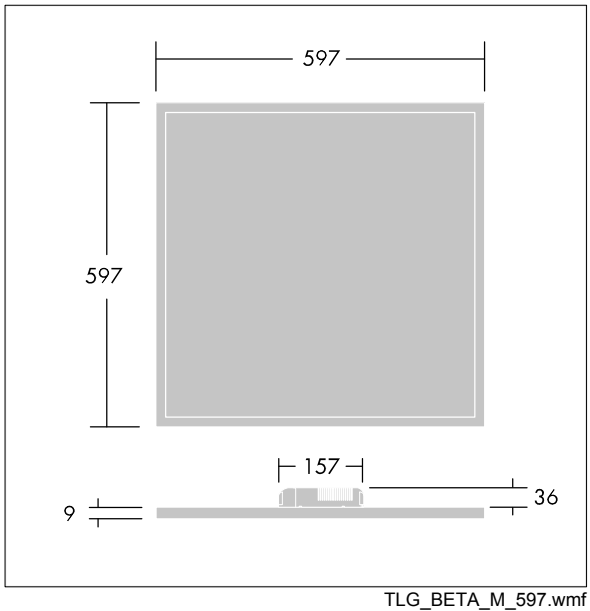
LED 34W LED_BETA_4K	T_a25	IP 20 40	IK03		CE	650°C

Beta Panel

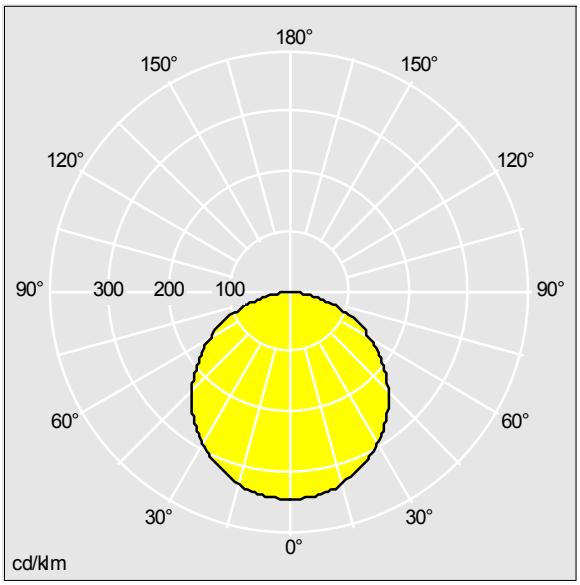
A recessed LED luminaire with a slim 9mm profile.
Electronic, fixed output control gear. Class II electrical.
Body: aluminium,. UGR<22. Complete with 4000K LED

Dimensions: 597 x 597 x 9 mm
Total power: 34.4 W
Weight: 4 kg

TLG_BETA_F_PDB.jpg



TLG_BETA_M_597.wmf



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Lamp position: STD - standard
Light Source: LED
Luminaire luminous flux*: 3248 lm
Luminaire efficacy*: 94 lm/W
Lamp efficacy: 94 lm/W
Correlated colour temperature*: 4000 Kelvin

Rated median useful life*: 50000h L70 at 25°C
Ballast: 1x HF_
Luminaire input power*: 34.4 W
Dimming: Fixed output
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.

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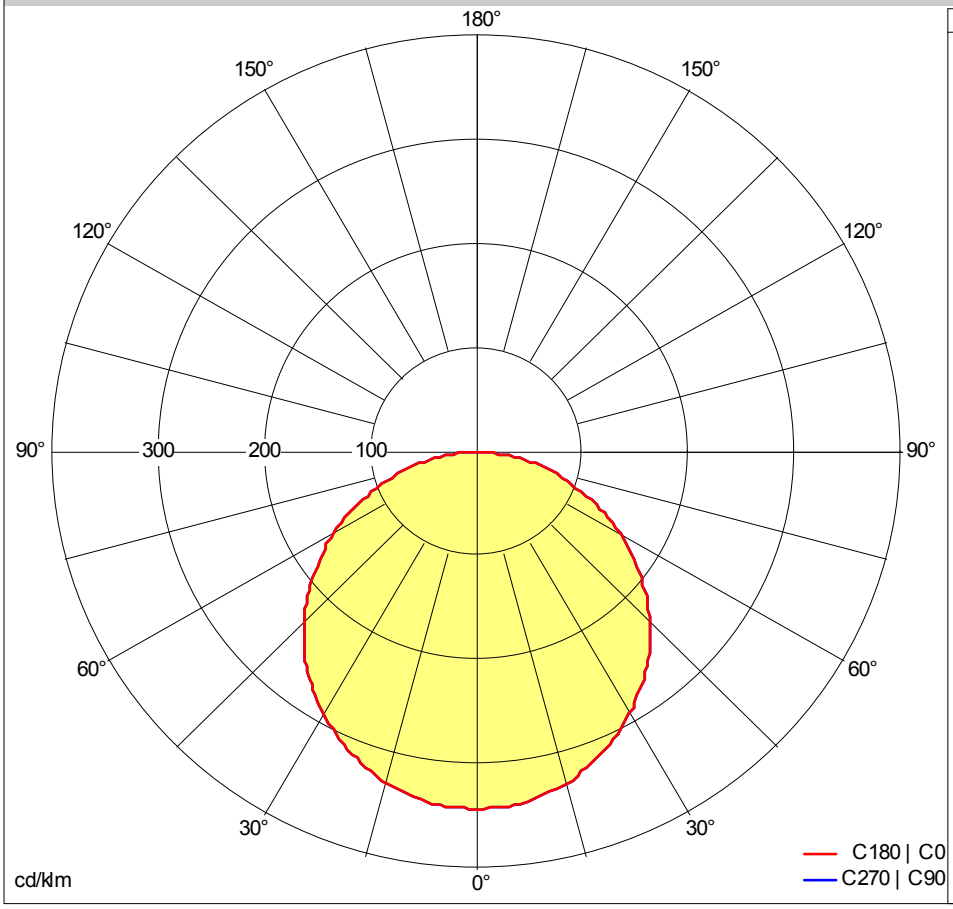

	C 0	C90	C180	C270
0°	342	342	342	342
5°	340	340	340	340
10°	336	336	336	336
15°	329	329	329	329
20°	317	317	317	317
25°	304	304	304	304
30°	289	289	289	289
35°	271	271	271	271
40°	253	253	253	253
45°	231	231	231	231
50°	207	207	207	207
55°	181	181	181	181
60°	156	156	156	156
65°	128	128	128	128
70°	100	100	100	100
75°	72	72	72	72
80°	45	45	45	45
85°	21	21	21	21
90°	1	1	1	1
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	BZ4/1/BZ5
UTE	1.00 E
CIE Flux Codes	46 77 95 100 100

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	60	67	75	80	87	92	96	100	103
70 / 30 / 20	52	60	68	73	81	87	91	96	100
70 / 10 / 20	46	54	62	68	76	82	86	92	96
50 / 50 / 20	58	65	72	77	84	89	92	96	99
50 / 30 / 20	51	59	66	71	79	84	88	93	96
50 / 10 / 20	46	53	61	67	74	80	84	90	93
30 / 50 / 20	56	63	70	75	81	85	88	92	95
30 / 30 / 20	50	58	65	70	77	82	85	90	93
30 / 10 / 20	45	53	60	66	73	78	82	87	90
0 / 0 / 0	43	50	58	63	70	74	78	83	86

According to CIBSE Technical Memorandum No. 5 1980

SHR Nom = 1.50
SHR Max = 1.61
SHR Max TR = 1.81

Photometric data file: D36317AA.ldt

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