

D-CO LED Bollard

THORN

96262143 D-CO LED BOLLARD 1000 30L50 840 CL2 CON

LED 14W LED_583		T _a 50	IP65	IK10	
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D-CO LED Bollard

A timeless LED bollard. Electronic, fixed output control gear. Class II electrical, IP65. Top and body: aluminium powder coated grey 900. Diffuser: semi-opal anti-UV polycarbonate. Suitable for flange mounting or with root spike (available separately). Complete with 4000K LED

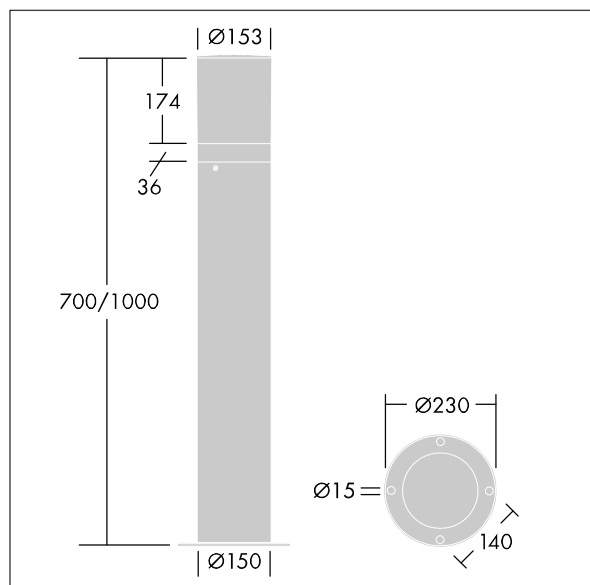
Dimensions: Ø150 x 1000 mm

Total power: 14 W

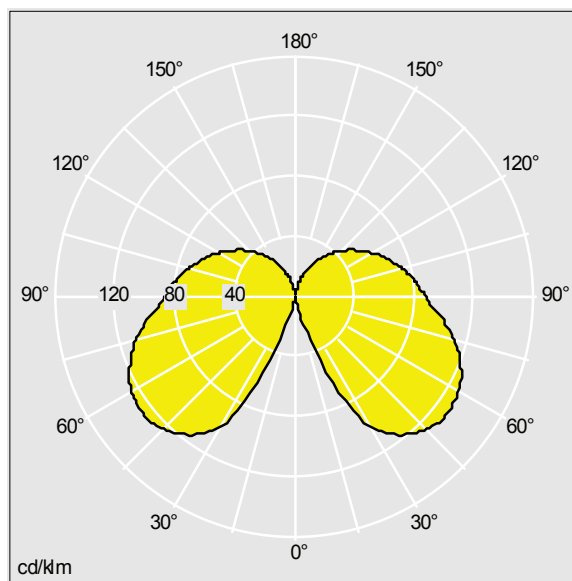
Weight: 5.45 kg



TLG_DCOL_F_LEDBOLLARDLIT.jpg



TLG_DCOB_M_BOL.wmf



TLLA_DCOBOA_DC.idt

Lamp position: STD - standard

Light Source: LED

Total luminous flux*: 583 lm

Luminaire efficacy*: 42 lm/W

LOR: 1,00 ULOR: 0,35 DLOR: 0,65

Lamp efficacy: 42 lm/W

Ballast: 1x EL2

Luminaire input power*: 14 W Lambda = 0.97

Dimming: Fixed output

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 $\pm 10\%$. 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.

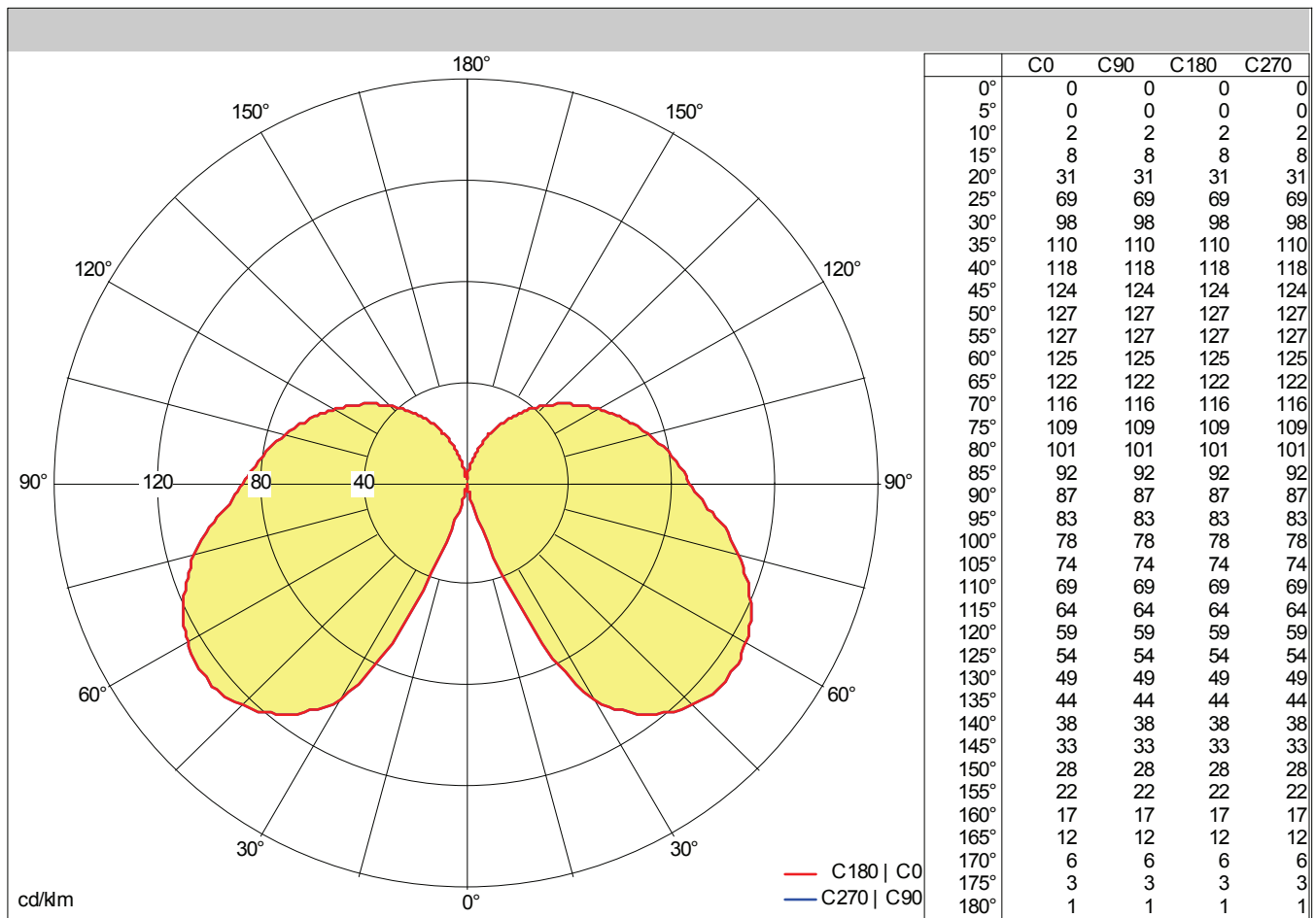
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Light output ratio		Glare Evaluation		Classification	
LOR	100 %	X = 4 H, Y = 8 H	S = 1.00 H	LiTG	B11
ULOR	35 %	Reflection factors	70/50/20	EN	
DLOR	65 %	UGR transversal	28	BZ	BZ10/1/BZ9/3/BZ8
FFR	0.54 (35:65)	UGR axial	28	UTE	0.65 J + 0.35 T
BLF	1.00	according to AS1680.1		CIE Flux Codes	18 48 77 65 100

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	NA	NA	54	59	67	72	76	81	85
70 / 30 / 20	NA	NA	46	51	59	65	69	75	79
70 / 10 / 20	NA	NA	39	44	52	59	63	70	75
50 / 50 / 20	NA	NA	47	51	58	63	66	71	74
50 / 30 / 20	NA	NA	40	45	52	57	61	66	70
50 / 10 / 20	NA	NA	35	39	46	52	56	62	66
30 / 50 / 20	NA	NA	41	44	50	54	57	61	64
30 / 30 / 20	NA	NA	35	39	45	50	53	57	61
30 / 10 / 20	NA	NA	30	34	41	46	49	54	58
0 / 0 / 0	NA	NA	23	26	31	35	38	42	46
According to CIBSE Technical Memorandum No. 5 1980						SHR Nom =	2.25		
						SHR Max =	NA		
						SHR Max TR =	NA		

Photometric data file: TLLA_DCBOBA_DC.ltd