

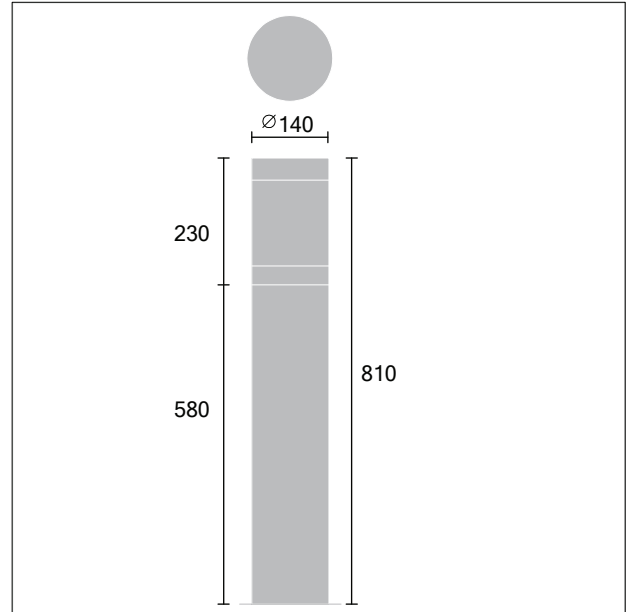
A range of robust free-standing bollards for 1 x 50W HID lamp(s). magnetic fixed output control gear. Head: die-cast aluminium finished in black. Lenses: Fresnel lens in clear polycarbonate. Post: galvanised steel, powder coated black. To be ordered separately. Class I electrical. IP44 Lamps to be ordered separately.

Dimensions: Ø140 x 230 mm
 Total power: 50 W
 Weight: 3.1 kg

Lamp: HSE 50W



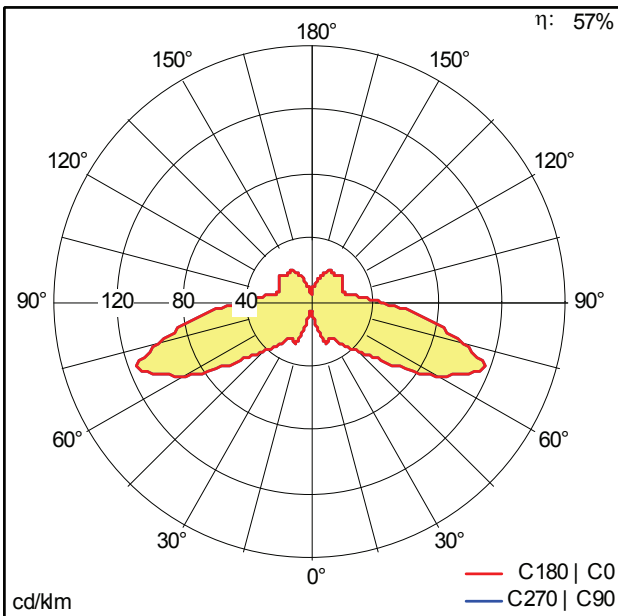
TLZ_CHTR_F_CHTR1.jpg



TLZ_CHTR_M_LD2.wmf

Light Distribution

STD - standard

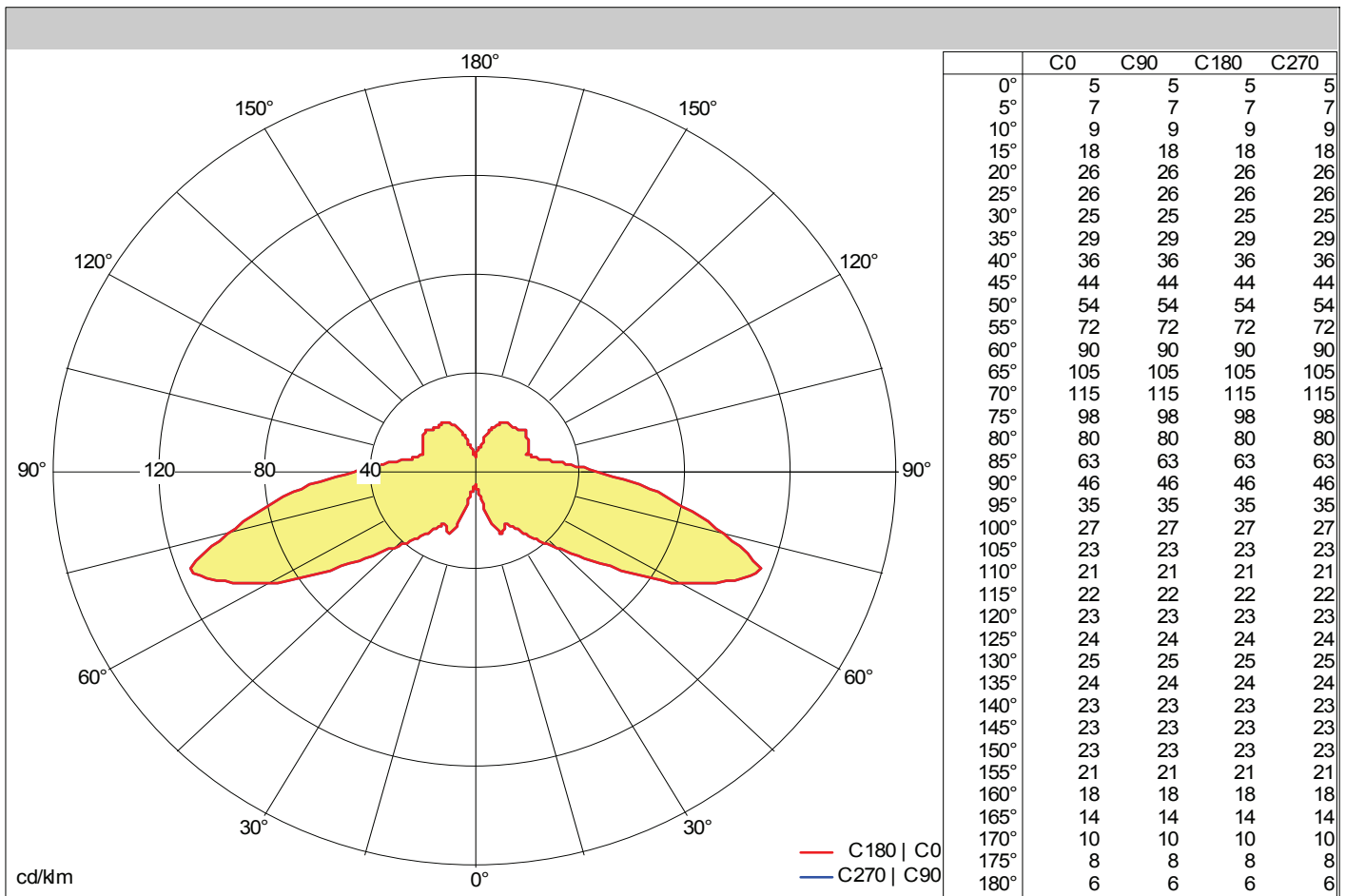


TLAU_REG252.idt

- Light Source: 1 x HSE / 50W
- Total luminous flux*: 3300 lm
- Luminaire efficacy*: 31 lm/W
- Lamp efficacy: 55 lm/W
- Colour Rendering Index min.: 20
- Ballast: 1x MAG Tridonic OMB
- Luminaire input power*: 60.5 W
- Dimming: Fixed output

All values marked with an * are rated values. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

96015176 CHARTOR 1x50W HID BK + HSE 50W



Light output ratio	
LOR	57 %
ULOR	16 %
DLOR	41 %
FFR	0.39 (28:72)
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	>28
according to AS1680.1	

Classification	
LiTG	B11
EN	
BZ	BZ10/3/BZ9
UTE	
CIE Flux Codes	10 33 73 73 57

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	27	30	35	39	41	45	47
70 / 30 / 20	NA	NA	21	24	30	34	37	41	44
70 / 10 / 20	NA	NA	17	20	25	30	33	37	41
50 / 50 / 20	NA	NA	23	26	31	34	36	40	42
50 / 30 / 20	NA	NA	19	21	26	30	33	36	39
50 / 10 / 20	NA	NA	15	18	23	27	29	34	36
30 / 50 / 20	NA	NA	20	22	27	30	32	35	37
30 / 30 / 20	NA	NA	16	19	23	26	29	32	35
30 / 10 / 20	NA	NA	13	15	20	24	26	30	33
0 / 0 / 0	NA	NA	9	11	15	18	21	24	27

According to CIBSE Technical Memorandum No. 5 1980

SHR Nom =	2.25
SHR Max =	0.02
SHR Max TR =	1.76

Photometric data file: TLAU_REG252.ltd