



PROJECT

TYPE

NOTES

QUANTITY

DATE

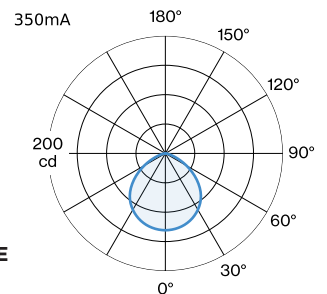


Round ceiling recessed downlight made from die-cast aluminium with opal glass lens; surface Gold; powder coated; matt texture; installation without tools using wire springs; suitable for ceiling thickness of 4-27 mm; recessed depth 80 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; CRI (Colour Rendering Index) ≥ 90 ; degree of protection IP65; Class 3; IC rated; driver not included; light source not replaceable;



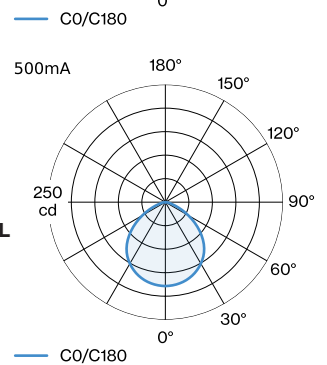
DATASHEET.QUICKSUM.LUMINAIRE LIGHT DISTRIBUTION

Ceiling
Recessed
Gold
IP65
IC rated
Exterior
320 lm / 350mA
440 lm / 500mA



DATASHEET.QUICKSUM.MODULE

3000 K
CRI ≥ 90
L80 / 55000h
initial MacAdam ≤ 2 SDCM
321 lm / 350mA
54 lm/W
8.8 W



DATASHEET.QUICKSUM.OPTICAL

Extreme wide
beam angle 105°
CIE flux code: 55 87 98 100
100

DATASHEET.QUICKSUM.ELECTRICAL

excl. driver
18 V
Class 3

DATASHEET.QUICKSUM.PHYSICAL

diameter 77 mm
height 55 mm
0.13 kg
wire springs

DATASHEET.QUICKSUM.CUTOUT

diameter 70 mm
min. ceiling thickness 4 mm
max. ceiling thickness 27 mm
recessed depth 80 mm



CONE DIAGRAM

extreme wide 103° 350mA

h (m)	E0° (lx)	ø (m)
1	131	2.52
2	33	5.04
3	15	7.57
4	8	10.09
5	5	12.61

extreme wide 103° 500mA

h (m)	E0° (lx)	ø (m)
1	178	2.52
2	45	5.04
3	20	7.57
4	11	10.09
5	7	12.61

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF LMF × RSMF × LLMF × LSF

MF Maintenance Factor

LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor

LLMF Lamp Lumens Maintenance Factor

LSF Lamp Survival Factor

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

ELECTRICAL ACCESSORIES

Driver

Type	Colour	Voltage	L·W·H (MM)	Item number
10W 500mA 11-20V		11-20V	100-43-23	90214405
10W 500mA 13-20V		13-20V	65-39-20	90214406
24W 500mA 5-49V IP68		5-49V	122-54-26	90214702
10W 500mA 3-20V phase-cut dim		3-20V	102-49-29	90224402
10W 500mA 12-21V phase-cut dim		12-21V	115-41-25	90224403