



PROJECT

TYPE

NOTES

QUANTITY

DATE



LUMINAIRE

Ceiling
Recessed
Black Matt
RAL 9011 ^a
IP65
IC rated
Exterior
285 lm / 500mA
215 lm / 350mA

LED Module

2700 K
CRI $\geq$ 90
L80 / 55000h
 $\leq$ 2 SDCM (initial MacAdam)
214 lm / 350mA
36 lm/W ^b
6 W ^b

Optical

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

Electrical

excl. driver
17 V
Class III

Physical

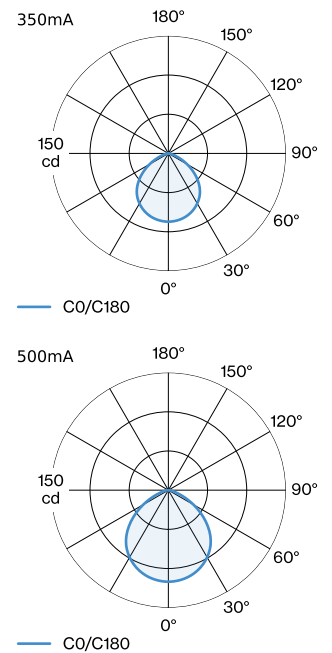
diameter 77 mm
height 55 mm
0.13 kg
wire springs

Cutout

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

^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses

LIGHT DISTRIBUTION





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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire 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