



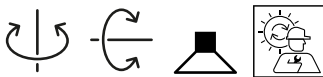
PROJECT

TYPE

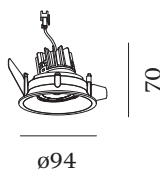
NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; adjustable; surface Bronze; wet painted, matt smooth; RAL 7013; installation without tools using blade springs; suitable for ceiling thickness of min. 6 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 56°; 355° rotatable and 35° tiltable; degree of protection IP20; Class 3; IC rated; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Recessed
tilt max 35°
rotation 355°
Bronze
RAL 7013^a
IP20
Interior
700 lm / 350mA
940 lm / 500mA

LED Module

3000 K
CRI ≥ 90
L80 / 55000h
 ≤ 2 SDCM (initial MacAdam)
790 lm / 350mA
132 lm/W^b
6 W^b

Optical

Wide
beam angle 56°
CIE flux code: 89 99 100 100 100

Electrical

excl. driver
17 V
Class III
Standard

Physical

diameter 94 mm
height 77 mm
0.17 kg
blade springs

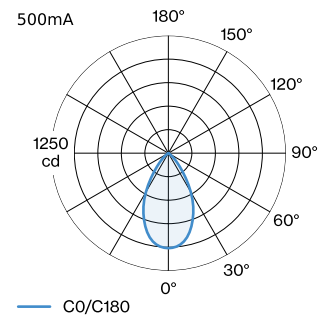
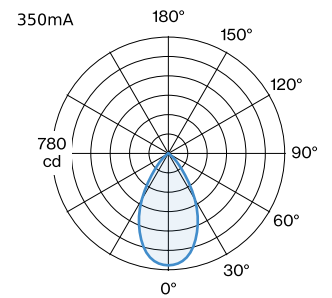
Cutout

diameter 86-89 mm
min. ceiling thickness 6 mm
max. ceiling thickness 23 mm
recessed depth 90 mm

datasheet.quicksum.material

Aluminium

LIGHT DISTRIBUTION



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



CONE DIAGRAM

wide 58° 350mA			wide 58° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	750	1.11	1	1010	1.11
2	188	2.23	2	250	2.23
3	83	3.34	3	110	3.34
4	47	4.46	4	60	4.46
5	30	5.57	5	40	5.57

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 13-20V			60-39-20	90214406
10W 500mA 12-21V phase-cut dim			115-41-25	90224403
15W 500mA 10-31V DALI-2 push dim			166-29-21	90244501

OTHER ACCESSORIES

Metal spring clip

Type	Colour	Voltage	Ø (MM)	Item number
MR16 LED PAR16 max. 12W			59	90019700

Spring clip

Type	Colour	Voltage	Ø (MM)	Item number
MR16 LED PAR16 max. 12W	Black		59	900198B0
MR16 LED PAR16 max. 12W	Gold		59	900198G0
MR16 LED PAR16 max. 12W	Champagne		59	900198M0
MR16 LED PAR16 max. 12W	Bronze		59	900198Q0
MR16 LED PAR16 max. 12W	Silver		59	900198S0
MR16 LED PAR16 max. 12W	White		59	900198W0