



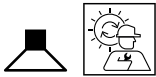
PROJECT

TYPE

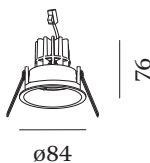
NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; suitable for ceiling thickness of 4-27 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°; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Recessed
White Matt
RAL 9010 ^a
IP20
Interior
700 lm / 350mA
940 lm / 500mA

LED Module

3000 K
CRI ≥ 90
L80 / 55000h
 ≤ 2 SDCM (initial MacAdam)
789 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

Physical

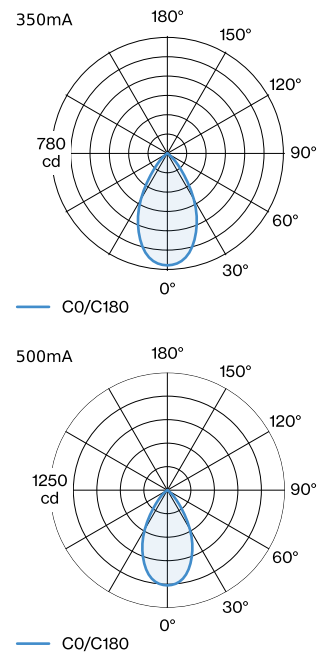
diameter 84 mm
height 76 mm
0.15 kg
wire springs

Cutout

diameter 76-79 mm
min. ceiling thickness 4 mm
max. ceiling thickness 27 mm
recessed depth 90 mm

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

LIGHT DISTRIBUTION





CONE DIAGRAM

wide 58° 350mA wide 58° 500mA

h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	753	1.11	1	1010	1.11
2	188	2.23	2	250	2.23
3	84	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 11-20V		11-20V	100-43-23	90214405
10W 500mA 13-20V		13-20V	65-39-20	90214406
10W 500mA 12-21V phase-cut dim		12-21V	115-41-25	90224403
20W 500mA 3-40V DALI		3-40V	116-40.5-22	90244604
24W 500mA 6-49V DALI-2		6-49V	143-43-30	90244701