



PROJECT

TYPE

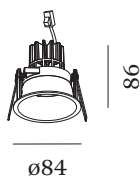
NOTES

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 4-38 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; beam angle 34°; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



GENERAL

Ceiling	
Recessed	
White Matt	
RAL 9010 ^a	
IP20	
Interior	
CIE flux code: 92 97 99 100 100	

LED

2700 K	
CRI ≥ 90	
L80 / 55000h	
initial MacAdam ≤ 2 SDCM	

OPTICAL

Standard	
beam angle 34°	

ELECTRICAL

excl. driver	
17 V	
inset 6.0 8.8 W	
Class 3	

PHYSICAL

diameter 84 mm	
height 86 mm	
0.17 kg	
wire springs	

CUTOUT

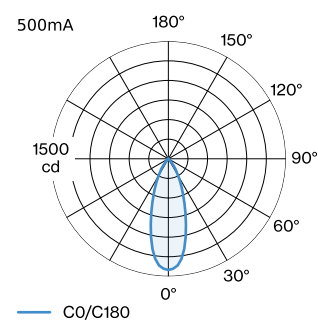
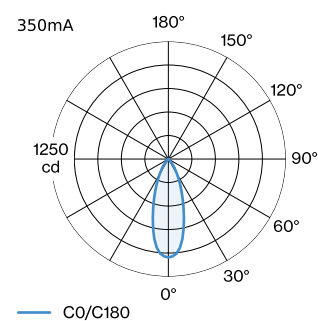
diameter 76-79 mm	
min. ceiling thickness 4 mm	
max. ceiling thickness 38 mm	
recessed depth 90 mm	

^a Colour may deviate slightly due to production conditions.

MEASURED DRIVERS

350mA	
520 lm	
8.3 W	
500mA	
705 lm	
12.2 W	

LIGHT DISTRIBUTION





CONE DIAGRAM

standard 36° 350mA standard 36° 500mA

h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	1050	0.64	1	1420	0.64
2	260	1.29	2	350	1.29
3	120	1.93	3	160	1.93
4	70	2.57	4	90	2.57
5	40	3.22	5	60	3.22

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.89	0.85	0.82
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	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 3-20V phase-cut dim	3-20V	102-49-29	90224402
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