



PROJECT

TYPE

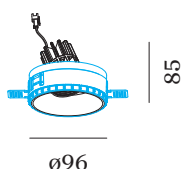
NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; adjustable; trimless; surface Gold; wet painted, matt smooth; installation without tools using alu plasterkit; to be combined with the plasterkit suitable for ceiling thickness; recessed depth 95 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; beam angle 15°; 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;



GENERAL

Ceiling	
Recessed	
tilt max 35 °	
rotation 355 °	
Gold	
IP20	
Interior	
CIE flux code: 88 99 100 100 100	

LED

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

OPTICAL

Narrow	
beam angle 15°	

ELECTRICAL

excl. driver	
17 V	
inset 6.0 / 8.8 W	
Class 3	

PHYSICAL

diameter 96 mm	
height 85 mm	
0.23 kg	
alu plasterkit	

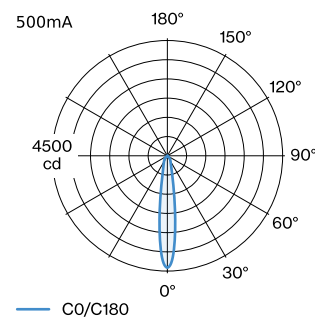
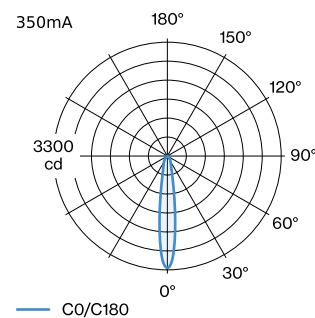
CUTOUT

diameter 105-110 mm	
recessed depth 95 mm	
12,5, 15, 20, 25	

OUTPUT

500mA	
875 lm	
12.2 W	
350mA	
650 lm	
8.3 W	

LIGHT DISTRIBUTION





CONE DIAGRAM

narrow 16° 350mA			narrow 16° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	3240	0.28	1	4370	0.28
2	810	0.55	2	1090	0.55
3	360	0.83	3	490	0.83
4	200	1.11	4	270	1.11
5	130	1.39	5	170	1.39

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	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

MOUNTING ACCESSORIES

Plasterkit

Type	Ø·H (MM)	Item number
DEEP ADJUST TRIMLESS	105-29	90017209