



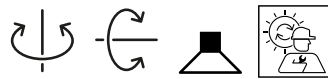
PROJECT

TYPE

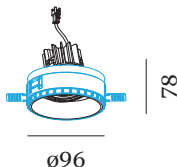
NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; adjustable; trimless; surface White Matt; powder coated, matt texture; RAL 9010; 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; ≤ 2 SDCM (initial MacAdam); 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;



LUMINAIRE

Ceiling
Recessed
tilt max 35°
rotation 355°
White Matt
RAL 9010^a
IP20
Interior
655 lm / 350mA
885 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

Narrow
beam angle 15°
CIE flux code: 88 99 100 100 100

Electrical

excl. driver
17 V
Class III
Standard

Physical

diameter 96 mm
height 85 mm
0.23 kg
alu plasterkit

Cutout

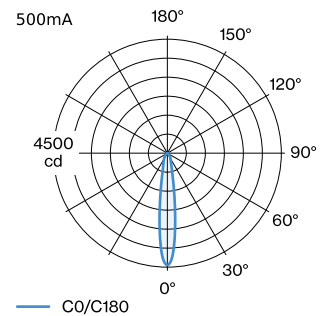
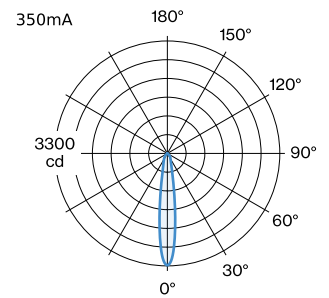
diameter 105-110 mm
recessed depth 95 mm
12,5, 15, 20, 25

datasheet.quicksum.material

Aluminium

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

LIGHT DISTRIBUTION





CONE DIAGRAM

narrow 16° 350mA			narrow 16° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	3280	0.28	1	4420	0.28
2	820	0.55	2	1100	0.55
3	360	0.83	3	490	0.83
4	210	1.11	4	280	1.11
5	130	1.39	5	180	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	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

MOUNTING ACCESSORIES

Plasterkit

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