



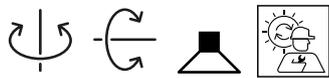
PROJECT _____

TYPE _____

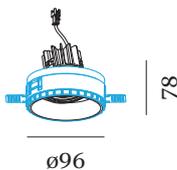
NOTES _____

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 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° _____
 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) _____
 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 96 mm _____
 height 85 mm _____
 0.23 kg _____
 alu plasterkit _____

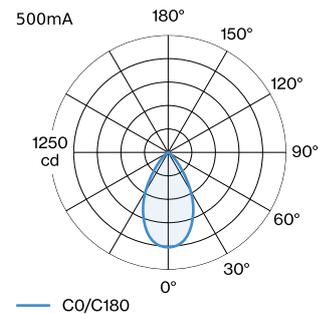
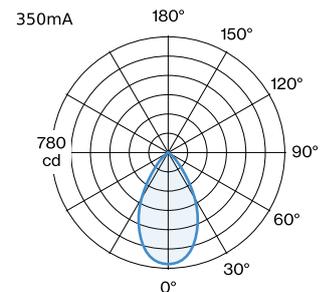
Cutout

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

datasheet.quicksum.material

Aluminium _____

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	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

$$MF = LMF \times RSMF^a \times LLMF \times LSF$$

MF Maintenance Factor

LLMF^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