



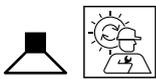
PROJECT _____

TYPE _____

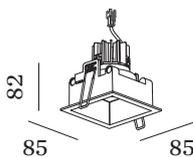
NOTES _____

QUANTITY _____

DATE _____



Squared 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 4-30 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 15°; degree of protection from below IP44; from above 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
front IP44
back IP20
Interior
770 lm / 500mA
570 lm / 350mA

LED Module

2700 K
CRI ≥ 90
L80 / 55000h
≤ 2 SDCM (initial MacAdam)
750 lm / 350mA
125 lm/W ^b
6 W ^b

Optical

Narrow
beam angle 15°
CIE flux code: 95 100 100 100
100

Electrical

excl. driver
17 V
Class III
Standard

Physical

length 85 mm
width 85 mm
height 89 mm
0.21 kg
wire springs

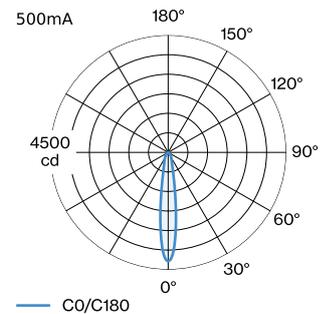
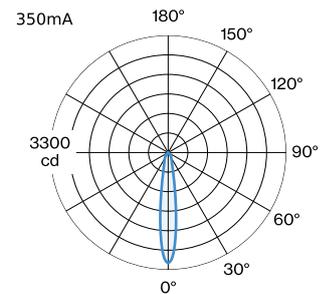
Cutout

length 76 mm
width 78 mm
min. ceiling thickness 4 mm
max. ceiling thickness 30 mm
recessed depth 90 mm

datasheet.quicksum.material

Aluminium

LIGHT DISTRIBUTION



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



CONE DIAGRAM

narrow 16° 350mA			narrow 16° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	3110	0.28	1	4180	0.28
2	780	0.56	2	1040	0.56
3	350	0.84	3	460	0.84
4	190	1.12	4	260	1.12
5	120	1.41	5	170	1.41

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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire 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		13-20V	60-39-20	90214406
10W 500mA 12-21V phase-cut dim		12-21V	115-41-25	90224403
15W 500mA 10-31V DALI-2 push dim		10-31V	166-29-21	90244501