



PROJECT

TYPE

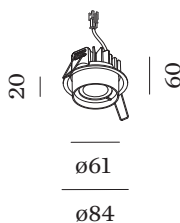
NOTES

QUANTITY

DATE



Round ceiling recessed luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; installation without tools using wire springs; recessed depth 52mm; suitable for ceiling thickness of 4-25 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP44; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Semi-Recessed
Black Matt
RAL 9011^a
front IP44
back IP20
Interior
570 lm / 350mA
770 lm / 500mA

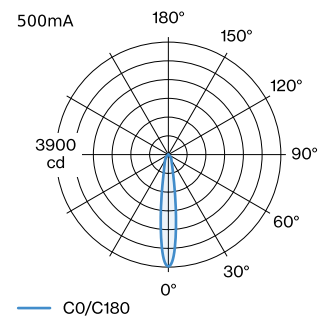
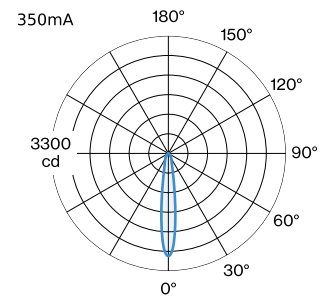
LED MODULE

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: 86 98 100 100 100

LIGHT DISTRIBUTION



ELECTRICAL

excl. driver
17 V
Class III

PHYSICAL

diameter 84 mm
height 60 mm
0.18 kg
wire springs

CUTOUT

diameter 76-79 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 mm
recessed depth 52 mm

^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses



CONE DIAGRAM

narrow 15° 350mA			narrow 15° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	2880	0.27	1	3880	0.27
2	720	0.54	2	970	0.54
3	320	0.81	3	430	0.81
4	180	1.08	4	240	1.08
5	120	1.35	5	160	1.35

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.99	0.98	0.97	0.96	0.95
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 220-240VAC		13-20V	60·39·20	90214406
10W 500mA 12-21V phase-cut dim 220-240VAC		12-21V	115·41·25	90224403
15W 500mA 10-31V DALI-2 push dim 220-240VAC		10-31V	166·29·21	90244501