



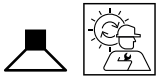
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____



Round ceiling recessed downlight made from die-cast aluminium; surface Black Matt; powder coated, matt texture; RAL 9011; installation without tools using wire springs; suitable for ceiling thickness of 4-38 mm; 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 34°; 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
Black Matt
RAL 9011 ^a
front IP44
back IP20
Interior
585 lm / 350mA
790 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

Medium (standard)
beam angle 34°
CIE flux code: 88 99 100 100
100

Electrical

excl. driver
17 V
Class III
Standard

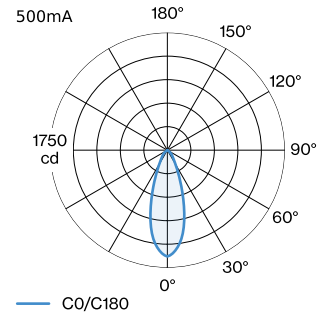
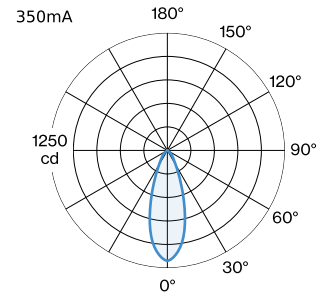
Physical

diameter 84 mm
height 90 mm
0.17 kg
wire springs

Cutout

diameter 76-79 mm
min. ceiling thickness 4 mm
max. ceiling thickness 38 mm
recessed depth 95 mm

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses



CONE DIAGRAM

medium (standard) 350mA

medium (standard) 360mA

h (m)	E0° (lx)	ø (m)
1	1180	0.64
2	290	1.27
3	130	1.91
4	70	2.55
5	50	3.18

h (m)	E0° (lx)	ø (m)
1	1580	0.64
2	400	1.27
3	180	1.91
4	100	2.55
5	60	3.18

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

[152461B5] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.