



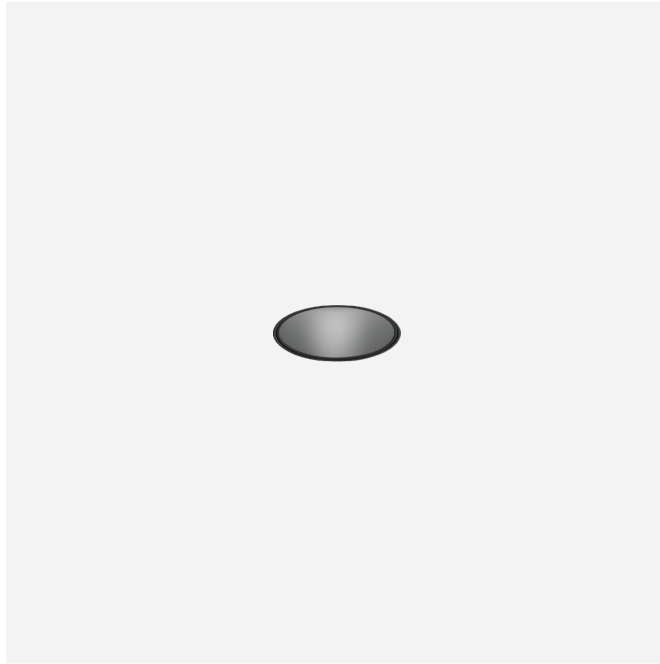
PROJECT

TYPE

NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; for trimless installation; surface Black Matt; powder coated, matt texture; RAL 9011; suitable for ceiling thickness of 4-26 mm; recessed depth 60 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 32°; degree of protection 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
IP20
Interior
315 lm / 250mA

LED Module

2700 K
CRI ≥ 90
L80 / 50000h
 ≤ 2 SDCM (initial MacAdam)
316 lm / 250mA
75 lm/W ^b
4.2 W ^b

Optical

Medium (standard)
beam angle 32°
CIE flux code: 99 100 100 100 100

Electrical

excl. driver
17 V
Class III

Physical

diameter 26 mm
height 48 mm
0.08 kg

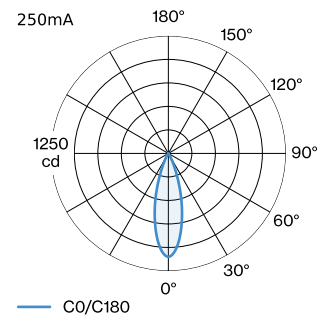
Cutout

diameter 45-47 mm
min. ceiling thickness 4 mm
max. ceiling thickness 26 mm
recessed depth 60 mm

^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses

LIGHT DISTRIBUTION





CONE DIAGRAM

medium (standard) 250mA

h (m)	E0° (lx)	ø (m)
1	1100	0.53
2	280	1.06
3	120	1.60
4	70	2.13
5	40	2.66

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.97	0.95	0.92	0.89	0.86
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.

OTHER ACCESSORIES

Drilling tool

Type	Colour	Voltage	Ø·H (MM)	Item number
			83·107	90019300

ELECTRICAL ACCESSORIES

Driver

Type	Colour	Voltage	L·W·H (MM)	Item number
5W 250mA 9-21V phase-cut dim		9-21V	69·34·22	90226201
7.2W 250mA 16-29V phase-cut dim		16-29V	122·41·23	90226401
13W 250mA 2.5-52V DALI-2		2.5-52V	144·33·21	90246501
10W 250mA 6-40V DALI		6-40V	124·31·21	90249402