



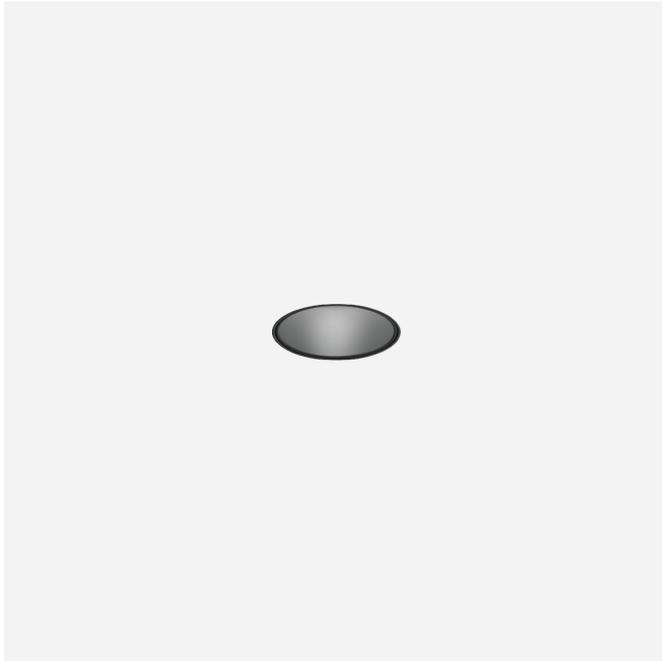
PROJECT

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 3000 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
 335 lm

LED Module

3000 K
 CRI ≥ 90
 L80 / 50000h
 ≤ 2 SDCM (initial MacAdam)

Optical

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

Electrical

excl. driver
 17 V
 Class III
 Standard

Physical

diameter 26 mm
 height 48 mm
 0.08 kg

Cutout

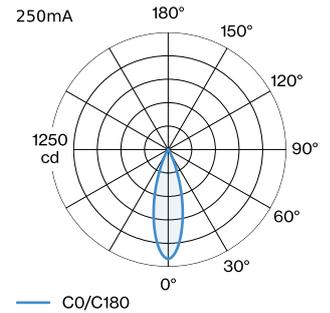
diameter 45-47 mm
 min. ceiling thickness 4 mm
 max. ceiling thickness 26 mm
 recessed depth 60 mm

datasheet.quicksum.material

Aluminium

^a Colour may deviate slightly due to production conditions

LIGHT DISTRIBUTION





CONE DIAGRAM

medium (standard) 250mA

h (m)	E0° (lx)	ø (m)
1	1170	0.53
2	290	1.06
3	130	1.60
4	70	2.13
5	50	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 12-21V phase-cut dim		12-21V	68·33·22	90226201
10W 250mA 10-40V DALI-2 push dim		10-40V	166·29·21	90246403