



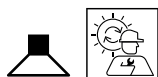
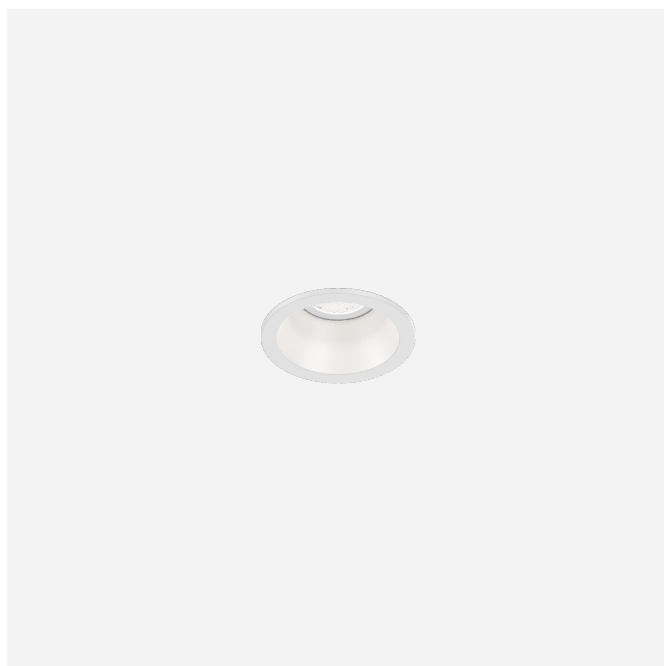
PROJECT

TYPE

NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; with trim; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 68 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
White Matt
RAL 9010 ^a
IP20
IC rated
Interior
425 lm / 250mA

LED MODULE

3000 K
CRI ≥ 90
L80 / 50000h
 ≤ 2 SDCM (initial MacAdam)
455 lm / 250mA
108 lm/W ^b
4.2 W ^b

OPTICAL

Medium (standard)
beam angle 32°
CIE flux code: 95 99 100 100 100

ELECTRICAL

excl. driver
17 V
Class III

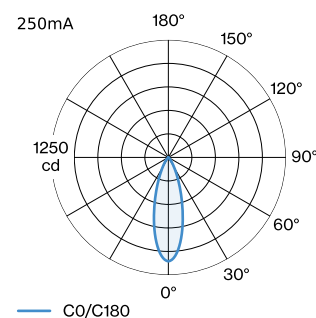
PHYSICAL

diameter 45 mm
height 42 mm
0.06 kg
wire springs

CUTOUT

diameter 40-41 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 mm
recessed depth 68 mm

LIGHT DISTRIBUTION



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



CONE DIAGRAM

medium (standard) 350mA

h (m)	E0° (lx)	ø (m)
1	1110	0.56
2	280	1.13
3	120	1.69
4	70	2.25
5	40	2.82

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
6W 250mA 8.6-24V 100-240VAC		8.6-24V	55-39-22	90216201
5W 250mA 12-21V phase-cut dim 220-240VAC		12-21V	68-33-22	90226201
10W 250mA 16-40V phase cut TE IP65 110-240VAC		16-40V	44-27-20	90226404
10W 250mA 10-40V DALI-2 push dim 220-240VAC		10-40V	166-29-21	90246403