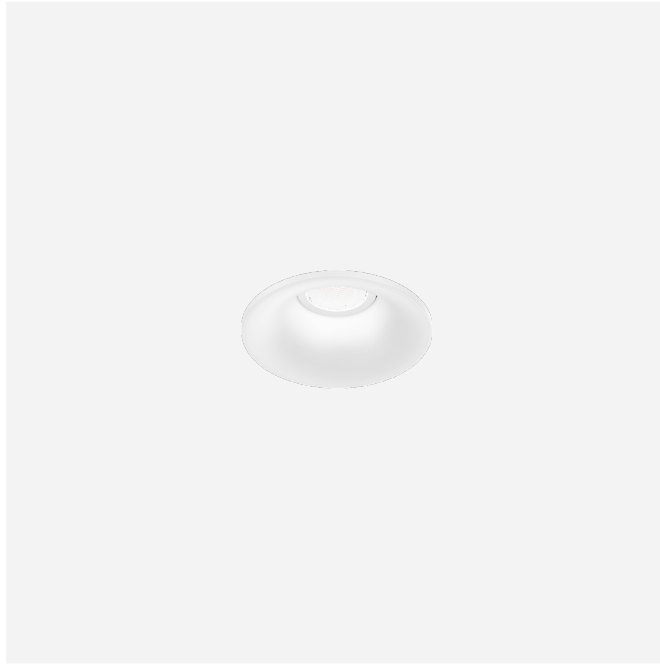



PROJECT
TYPE
NOTES
QUANTITY
DATE


Round ceiling recessed luminaire made from aluminium; 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 60 mm; with COB (Chip on Board) technology for maximum efficiency; 250 mA; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 32°; degree of protection IP20; Class 3; IC rated; 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
405 lm

LED Module

2700 K
CRI ≥ 90
L80 / 50000h
 ≤ 2 SDCM (initial MacAdam)
431 lm
102 lm/W ^b

Optical

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

Electrical

excl. driver
17 V
Class III

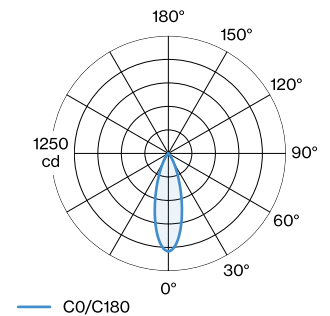
Physical

diameter 56 mm
height 42 mm
0.05 kg
wire springs

Cutout

diameter 48-51 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 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) 31°

h (m)	E0° (lx)	ø (m)
1	1040	0.56
2	260	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	0.98	0.95	0.93	0.9	0.88
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
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