



PROJECT

TYPE

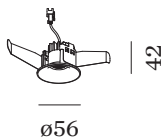
NOTES

QUANTITY

DATE



Round ceiling recessed luminaire made from aluminium; surface Black Matt; powder coated, matt texture; RAL 9011; installation without tools using blade springs; recessed depth 60mm; with COB (Chip on Board) technology for maximum efficiency; 250mA; 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
Black Matt
RAL 9011^a
IP20
IC rated
Interior
355 lm

LED MODULE

2700 K
CRI ≥ 90
L80 / 50000h
 ≤ 2 SDCM (initial MacAdam)
430 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
blade springs

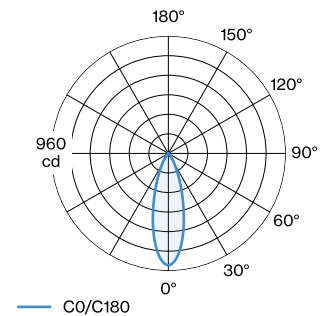
CUTOUT

diameter 48-51 mm
min. ceiling thickness 4 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	916	0.56
2	229	1.13
3	102	1.69
4	57	2.25
5	37	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
5W 250mA 12-21V phase-cut dim 220-240VAC		12-21V	68-33-22	90226201
10W 250mA 10-40V DALI-2 push dim 220-240VAC		10-40V	166-29-21	90246403