



PROJECT

TYPE

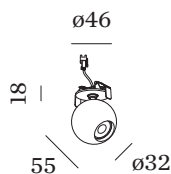
NOTES

QUANTITY

DATE



Ceiling recessed spotlight made from die-cast aluminium with round base; surface Black Matt; powder coated, matt texture; RAL 9011; installation without tools using wire springs; suitable for ceiling thickness of 4-26 mm; recessed depth 68 mm; with COB (Chip on Board) technology for maximum efficiency; 350 mA; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 31°; spotlight head 350° rotatable and 90° tiltable; degree of protection IP20; Class 3; IC rated; driver not included; optional optical accessories available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Recessed
tilt max 90 °
rotation 350 °
Black Matt
RAL 9011 ^a
IP20
IC rated
Interior
585 lm / 350mA

LED Module

2700 K
CRI ≥ 90
L80 / 50000 h
 ≤ 2 SDCM (initial MacAdam)
584 lm / 350mA
103 lm/W ^b
5.7 W ^b

Optical

Medium (standard)
beam angle 31°
CIE flux code: 93 98 100 100 100

Electrical

excl. driver
17 V
Class III

Physical

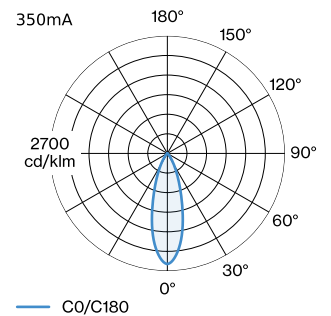
diameter 60 mm
height 73 mm
0.28 kg
wire springs

Cutout

diameter 40-41 mm
min. ceiling thickness 4 mm
max. ceiling thickness 26 mm
recessed depth 68 mm

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

LIGHT DISTRIBUTION




CONE DIAGRAM

medium (standard) 350mA

h (m)	E0° (lx)	ø (m)
1	1490	0.56
2	370	1.12
3	170	1.69
4	90	2.25
5	60	2.81

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
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 350mA 8.6-18V		8.6-18V	67·39·22	90213303
10W 350mA 1-10V dim		14-28V	101.5·51·29.5	90223401
10W 350mA phase-cut dim		12-28V	102·38·21	90223402
14W 350mA 2.5-42V DALI-2		2.5-42V	145·33·21	90243501

OPTICAL ACCESSORIES
Honeycomb Louver

Type	Colour	Voltage	Ø (MM)	Item number
BLIEK PETIT CENO LECA PIRRO	Black		29	90051131