



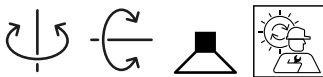
PROJECT

TYPE

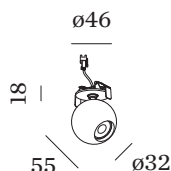
NOTES

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

LED Module

2700 K
CRI ≥ 90
L80 / 100000 h
 ≤ 2 SDCM (initial MacAdam)

Optical

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

Electrical

excl. driver
17 V
Class III
Standard

Physical

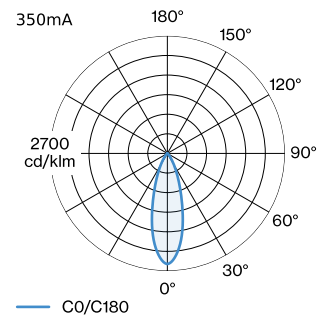
diameter 60 mm
height 73 mm
0.28 kg
wire springs

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

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	0.99	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
7W 350mA 12-21V phase-cut dim		12-21V	68-33-22	90223301
14W 350mA 10-40V DALI-2 push dim		10-40V	166-29-21	90243502

OPTICAL ACCESSORIES
Honeycomb Louver

Type	Colour	Voltage	Ø (MM)	Item number
BLIEK petit CENO LECA PIRRO QITO 1.0	Black		29	915230B0