



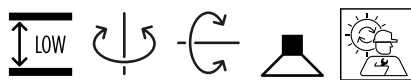
PROJECT

TYPE

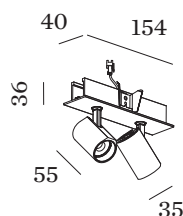
NOTES

QUANTITY

DATE



Ceiling recessed spotlight made from die-cast aluminium with rectangular base; surface Black Matt; powder coated, matt texture; RAL 9011; inner ring black; installation without tools using blade springs; recessed depth 60mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 31°; 350° rotatable and 90° tiltable; 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
Semi-Recessed
tilt max 90 °
rotation 350 °
Black Matt
RAL 9011 ^a
IP20
IC rated
Interior
spots: 2
per spot 500 lm
1000 lm / 700mA

LED MODULE

2700 K
CRI ≥ 90
L70 / 55000h
 ≤ 2 SDCM (initial MacAdam)
500 lm / 700mA
84 lm/W ^b
6 W ^b

OPTICAL

Medium (standard)
beam angle 31°
CIE flux code: 99 100 100 100 100

ELECTRICAL

excl. driver
17 V
total insets 12.0 W
Class III

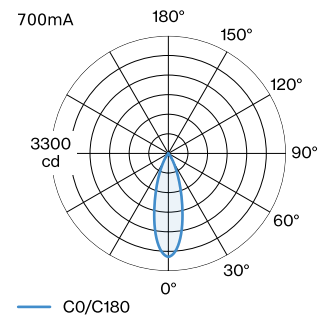
PHYSICAL

length 154 mm
width 40 mm
height 55 mm
0.26 kg
blade springs

CUTOUT

length 145 mm
width 32 mm
min. ceiling thickness 4 mm
recessed depth 60 mm

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses


CONE DIAGRAM

medium (standard) 300mA

h (m)	E0° (lx)	ø (m)
1	1450	0.55
2	360	1.10
3	160	1.65
4	90	2.21
5	60	2.76

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.9	0.88	0.85	0.83	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
15W 700mA 12-20V phase-cut dim 220-240VAC		12-20V	122-41-23	90225502
28W 700mA 6-40V DALI-2 220-240VAC		6-40V	97-43-30	90245704

OPTICAL ACCESSORIES
HONEYCOMB LOUVRE

TYPE	COLOUR	VOLTAGE	Ø (MM)	ITEM NUMBER
BLIEK petit CENO LECA PIRRO QITO 1.0	Black		29	915230B0