



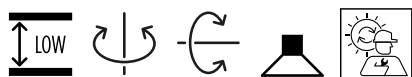
PROJECT

TYPE

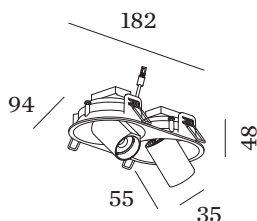
NOTES

QUANTITY

DATE



Oval ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt; powder coated, matt texture; RAL 9011; inner ring black; installation without tools using wire springs; suitable for ceiling thickness of 4-23 mm; recessed depth 60 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 31°; 355° rotatable and 60° 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 60 °
rotation 355 °
Black Matt
RAL 9011 ^a
IP20
IC rated
Interior
1010 lm / 700mA

LED Module

2700 K
CRI ≥ 90
L70 / 55000h
 ≤ 2 SDCM (initial MacAdam)
505 lm / 700mA
82 lm/W ^b
6.2 W ^b

Optical

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

Electrical

excl. driver
17 V
total insets 12.3 W
Class III
Standard

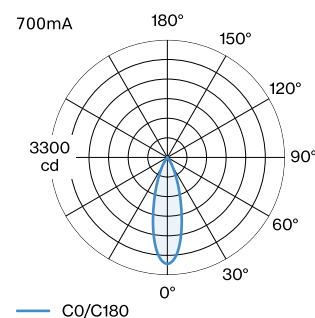
Physical

diameter 35 mm
height 55 mm
0.4 kg
wire springs

Cutout

length 176 mm
width 87 mm
min. ceiling thickness 4 mm
max. ceiling thickness 23 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) 700mA

h (m)	E0° (lx)	ø (m)
1	1500	0.54
2	370	1.09
3	170	1.63
4	90	2.18
5	60	2.72

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		12-20V	122-41-23	90225502
28W 700mA 6-40V DALI-2		6-40V	97-43-30	90245704

OPTICAL ACCESSORIES

Honeycomb Louver

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