



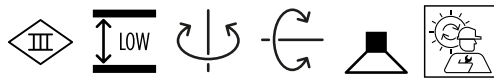
PROJECT

TYPE

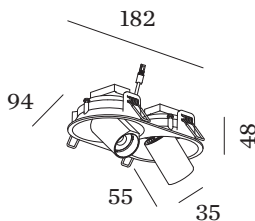
NOTES

QUANTITY

DATE



Oval ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt + Champagne; powder coated; matt texture + wet painted; smooth semi glossy; 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; binning initial MacAdam ≤ 2 SDCM; 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;



GENERAL

Ceiling
Semi-Recessed
tilt max 60 °
rotation 355 °
Black Matt + Champagne
IP20
IC rated
Interior
CIE flux code: 99 100 100 100 100

LED

2700 K
CRI ≥ 90
L70 / 55000h
initial MacAdam ≤ 2 SDCM

OPTICAL

Standard
beam angle 31°

ELECTRICAL

excl. driver
17 V
inset 6.2 W
total insets 12.3 W
Class 3

PHYSICAL

diameter 35 mm
height 55 mm
0.4 kg
wire springs

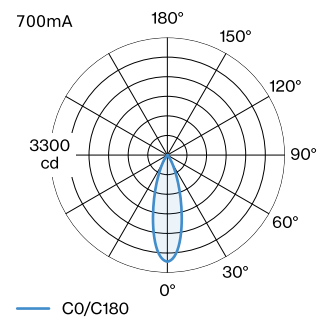
CUTOUT

length 176 mm
width 87 mm
min. ceiling thickness 4 mm
max. ceiling thickness 23 mm
recessed depth 60 mm

MEASURED DRIVER

700mA
1010 lm
14.5 W

LIGHT DISTRIBUTION



[164261CH3] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.



CONE DIAGRAM

standard 30° 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	Voltage	L·W·H (MM)	Item number
15W 700mA 12-20V phase-cut dim	12-20V	122·41·23	90225502
28W 700mA 6-40V	6-40V	143·43·30	90245704
28W 700mA 3-40V DALI	3-40V	136·42,5·24	90245801

OPTICAL ACCESSORIES

Honeycomb Louver

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