

Project _____

Type _____

Notes _____

Quantity _____

Date _____

GENERAL
Ceiling , Semi-Recessed
Tilt max 90°
Rotation 350°
Black Matt
RAL 9005 ^a
IP20
IC rated
Interior
Output: 1510 lm
CIE flux code: 99 100 100 100 100

LED
2700 K
CRI ≥ 90
L70 / 55000h
2 SDCM

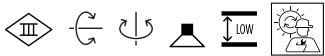
OPTICAL
Medium , Beam angle 31°

ELECTRICAL
excl. driver
26 V
LED Inset 6.0 W
Total insets 18.0 W
Class 3
700 mA

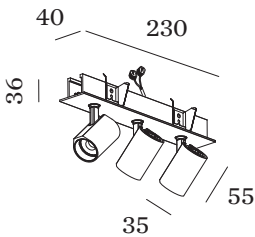
PHYSICAL
Length 230 mm
Width 40 mm
Height 55 mm
0.39 kg
blade springs

CUTOUT
Length 221 mm
Width 32 mm
Min. ceiling thickness 4 mm
Recessed depth 60 mm

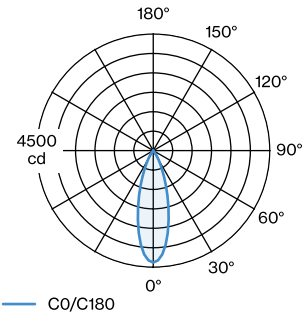
^a Color may deviate slightly due to production conditions.



Ceiling recessed spotlight made from die-cast aluminium with rectangular base; surface Black Matt; powder coated, matt texture; RAL 9005; inner ring black; installation without tools using blade springs; 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°; 350° rotatable and 90° tiltable; degree of protection IP20; PC3; IC rated; driver not included; light source replaceable by an authorized professional;



LIGHT DISTRIBUTION



CENO 3.0

176361B3

CONE DIAGRAM

medium 31° 700mA

h (m)	EO° (lx)	ø (m)
1	1440	0.56
2	360	1.12
3	160	1.68
4	90	2.23
5	60	2.79

Maintenance Factors

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	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a According to “CIE 97, Maintenance of indoor electric lighting systems”, 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

OPTICAL

Honeycomb Louver

TYPE	Ø (MM)	ORDERCODE
BLIEK PETIT CENO LECA PIRRO	29	9 0 0 5 1 1 3 1

ELECTRICAL

Driver

TYPE	L · W · H (MM)	VOLTAGE	ORDERCODE
20W 700mA 15-28V phase-cut dim	138 · 44 · 30	15-28V	9 0 2 2 5 6 0 4
28W 700mA	143 · 43 · 30	6-40V	9 0 2 4 5 7 0 4
28W 700mA 3-40V DALI	136 · 42,5 · 24	3-40V	9 0 2 4 5 8 0 1