

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling , Semi-Recessed

Tilt max 90°

Rotation 350°

Black Matt

RAL 9005 ^a

IP20

IC rated

Interior

Output: 345 lm

CIE flux code: 98 100 100 100 100

LED

colour warm dimming

2000K - 3000K

CRI ≥ 90

L70 / 50000h

3 SDCM

OPTICAL

Medium , Beam angle 39°

ELECTRICAL

excl. driver

16 V

LED Inset 5.7 W

Class 3

350 mA

PHYSICAL

Diameter 35 mm

Height 55 mm

0.12 kg

blade springs

CUTOUT

Diameter 46-48 mm

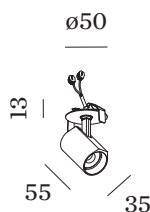
Min. ceiling thickness 8 mm

Recessed depth 85 mm

^a Color may deviate slightly due to production conditions.



Ceiling recessed spotlight made from die-cast aluminium with round base; surface Black Matt; powder coated, matt texture; RAL 9005; inner ring black; installation without tools using blade springs; recessed depth 85 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2000K - 3000K colour warm dimming; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; beam angle 39°; 350° rotatable and 90° tiltable; degree of protection IP20; PC3; IC rated; driver not included; light source replaceable by an authorized professional;

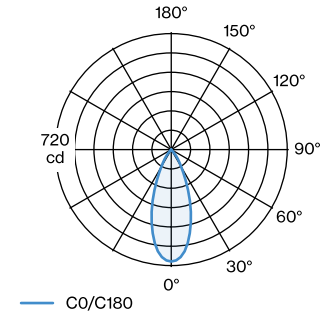


CENO

1.0

176161B9C

LIGHT DISTRIBUTION



CONE DIAGRAM

medium 39° 350mA

h (m)	E0° (lx)	ø (m)
1	695	0.71
2	174	1.43
3	77	2.14
4	43	2.86
5	28	3.57

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.95	0.91	0.86	0.82	0.77
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

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1.0

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ELECTRICAL

Driver

TYPE	L · W · H (MM)	VOLTAGE	ORDERCODE
6W 350mA	67 · 39 · 22	8.6-18V	9 0 2 1 3 3 0 3
10W 350mA 1-10V dim	101.5 · 51 · 29.5	14-28V	9 0 2 2 3 4 0 1
10W 350mA phase-cut dim	102 · 38 · 21	12-28V	9 0 2 2 3 4 0 2
15W 700mA 12-20V phase-cut dim	122 · 41 · 23	12-20V	9 0 2 2 5 5 0 2
14W 350mA	145 · 33 · 21	2.5-42V	9 0 2 4 3 5 0 1
17W 350mA 10-49V DALI	108 · 52 · 22	10-49V	9 0 2 4 3 6 0 1