

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

Quantity \_\_\_\_\_

Date \_\_\_\_\_

### GENERAL

Ceiling , Semi-Recessed  
Tilt max 90°  
Rotation 350°  
Black Matt + Gold  
RAL 9005 <sup>a</sup>  
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

Flood , Beam angle 39°

### ELECTRICAL

excl. driver  
16 V  
LED Inset 5.7 W  
Class 3  
350 mA

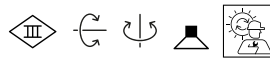
### PHYSICAL

Diameter 35 mm  
Height 55 mm  
0.12 kg  
wire springs

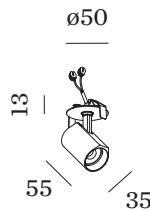
### CUTOUT

Diameter 45-47 mm  
Min. ceiling thickness 4 mm  
Max. ceiling thickness 26 mm  
Recessed depth 85 mm

<sup>a</sup> Color may deviate slightly due to production conditions.



Ceiling recessed spotlight made from die-cast aluminium with round base; surface Black Matt + Gold; wet painted, matt smooth; RAL 9005; inner ring black; installation without tools using blade springs; suitable for ceiling thickness of 4-26 mm; 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;

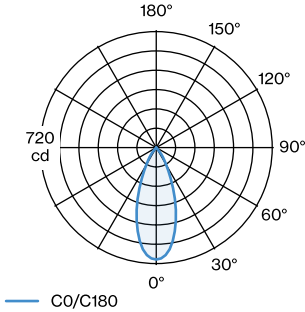


CENO

1.0

176161K9

LIGHT DISTRIBUTION



CONE DIAGRAM

flood 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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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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