



**WEVER & DUCRÉ**  
LIGHTING

**CENO**

1.1

166861K3

Project
Type
Notes
Quantity
Date

**GENERAL**

Ceiling
Recessed
Jet Black + Gold
IP20
Interior
450 lm
RAL 9005 <sup>a</sup>

**LED**

2700 K
CRI 90
L70 / 50000 h

**OPTICAL**

Flood
Beam angle 35°

**PHYSICAL**

Diameter 34 mm
Height 55 mm
0.13 kg
Tilt min 90°
Tilt max 90°
Rotation 350°

**ELECTRICAL**

excl. power supply
18 V
Total connected power 8.1 W
LED Inset 6.1 W
350 mA
PC3
Safety distance 0.3 m

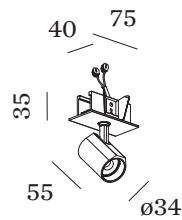
**CUTOUT**

Length 66 mm
Width 32 mm
Min. ceiling thickness 4 mm
Max. ceiling thickness 26 mm
Recessed depth 85 mm

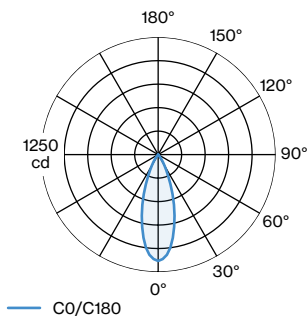
<sup>a</sup> RAL Palette colors may deviate slightly due to production conditions.



Ceiling recessed spotlight made from die-cast aluminium with rectangular base; surface Jet Black + 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; no appearance of multiple shadows; light colour 2700 K; CRI 90; beam angle 35°; 350° rotatable and 90° tiltable; degree of protection IP20; PC3; power supply not included; light source replaceable by an authorized professional;



**LIGHT DISTRIBUTION**



[166861K3] 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 BVBA apply.  
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### CONE DIAGRAM

flood 35° 350mA

h (m)	EO° (lx)	ø (m)
1	1132	0.63
2	283	1.25
3	126	1.88
4	71	2.50
5	45	3.13

### Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.92	0.88	0.83	0.79	0.76
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.

### ELECTRICAL

#### Power Supply

TYPE	L · W · H (MM)	VOLTAGE	ORDERCODE
Driver 10W   350mA   12-28V	102-38-21	12 - 28V	9 0 2 2 3 4 0 2
Driver 12W   350mA   6-24V	88-52-25,5	6 - 24V	9 0 2 4 3 4 0 2

### OPTICAL

#### Honeycomb

TYPE	COLOUR	(MM)	ORDERCODE
CENO   PIRRO   BLIEK ROUND PETIT	White	29	9 0 0 5 1 1 3 0
CENO   PIRRO   BLIEK ROUND PETIT	Black	29	9 0 0 5 1 1 3 1



e29