WEVER & DUCRÉ LIGHTING

CENO 3.0

176361B3

PROJECT

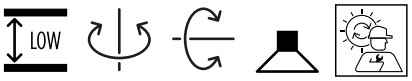
TYPE

NOTES

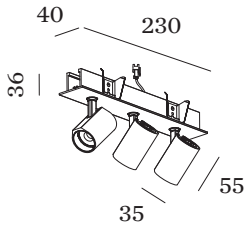
QUANTITY

DATE





Ceiling recessed spotlight made from die-cast aluminium with rectangular base; surface Black Matt; powder coated, matt texture; RAL 9011; inner ring black; installation without tools using blade springs; recessed depth 60mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; beam angle 31°; 350° rotatable and 90° 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;



LUMINAIRE

Ceiling
Semi-Recessed
tilt max 90 °
rotation 350 °
Black Matt
RAL 9011 [a]
IP20
IC rated
Interior
spots: 3
per spot 610 lm
1830 lm / 700mA

LED MODULE

2700 K
CRI ≥ 90
L70 / 55000h
≤ 2 SDCM (initial MacAdam)
790 lm / 700mA
134 lm/W [b]
5.9 W [b]

OPTICAL

Medium (standard)
beam angle 31°
CIE flux code: 98 100 100 100 100

ELECTRICAL

excl. driver
26 V
total insets 17.7 W
Class III

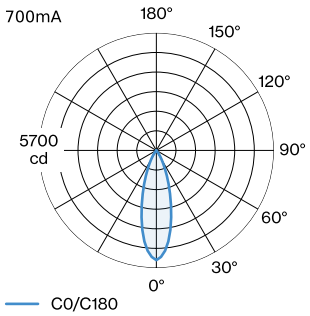
PHYSICAL

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

LIGHT DISTRIBUTION



[a] Colour may deviate slightly due to production conditions
[b] Without electrical and optical losses

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CONE DIAGRAM

medium (standard) 3700mA

h (m)	E0° (lx)	ø (m)
1	1770	0.55
2	440	1.10
3	200	1.65
4	110	2.20
5	70	2.75

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	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 Factor

[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.

ELECTRICAL ACCESSORIES

DRIVER

TYPE	COLOUR	VOLTAGE	L·W·H (MM)	ITEM NUMBER
20W | 700mA | 15-28V | phase-cut dim | 220-240VAC		15-28V	138·44·30	90225604
28W | 700mA | 6-40V | DALI-2 | 220-240VAC		6-40V	97·43·30	90245704

OPTICAL ACCESSORIES

HONEYCOMB LOUVRE

TYPE	COLOUR	VOLTAGE	Ø (MM)	ITEM NUMBER
BLIEK petit | CENO | LECA | PIRRO | QITO 1.0 | QITO SURFACE	Black		29	915230B0

['176361B3'] 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.

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