WEVER & DUCRÉ LIGHTING

CENO 1.0

176161W9C

PROJECT

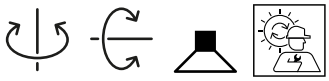
TYPE

NOTES

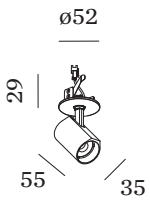
QUANTITY

DATE





Ceiling recessed spotlight made from die-cast aluminium with round base; surface White Matt; powder coated, matt texture; RAL 9010; inner ring black; installation without tools using blade springs; recessed depth 85mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2000 - 3000 K colour warm dimming; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90; beam angle 39°; 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 °
White Matt
RAL 9010 [a]
IP20
IC rated
Interior
545 lm

LED MODULE

colour warm dimming
2000 - 3000 K
CRI ≥ 90
L70 / 50000h
≤ 3 SDCM (initial MacAdam)

OPTICAL

Medium (standard)
beam angle 39°
CIE flux code: 98 100 100 100 100

ELECTRICAL

excl. driver
16 V
Class III

PHYSICAL

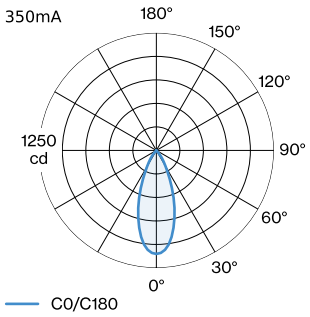
diameter 35 mm
height 55 mm
0.12 kg
blade springs

CUTOUT

diameter 46-48 mm
min. ceiling thickness 8 mm
recessed depth 85 mm

[a] Colour may deviate slightly due to production conditions

LIGHT DISTRIBUTION



CONE DIAGRAM

medium (standard) 390mA

h (m)	E0° (lx)	ø (m)
1	1100	0.71
2	280	1.43
3	120	2.14
4	70	2.86
5	40	3.57

Maintenance Factor

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 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
6.3W | 350mA | 8.6-18V | 100-240VAC		8.6-18V	66·39·22	90213303
7W | 350mA | 12-21V | phase-cut dim | 220-240VAC		12-21V	68·33·22	90223301
14W | 350mA | 10-40V | DALI-2 push dim | 220-240VAC		10-40V	166·29·21	90243502

OPTICAL ACCESSORIES

HONEYCOMB LOUVRE

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

['176161W9C'] 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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