



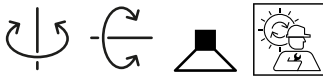
PROJECT

TYPE

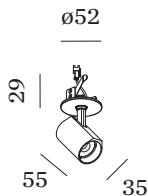
NOTES

QUANTITY

DATE



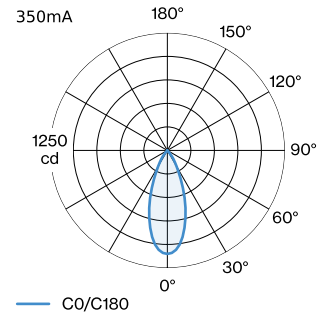
Ceiling recessed spotlight made from die-cast aluminium with round base; surface Black Matt; powder coated, matt texture; RAL 9011; inner ring black; installation without tools using blade springs; recessed depth 85 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2000 - 3000 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 & Ducreé 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
 545 lm

LIGHT DISTRIBUTION



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
 Standard

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

datasheet.quicksum.material

Aluminium

^a Colour may deviate slightly due to production conditions



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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^aAccording 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
6W 350mA 8.6-18V		8.6-18V	67·39·22	90213303
10W 350mA 13-26V phase-cut dim		13-26V	115·41·25	90223406
14W 350mA 10-40V DALI-2 push dim		10-40V	166·29·21	90243502

OPTICAL ACCESSORIES

Honeycomb Louver

Type	Colour	Voltage	Ø (MM)	Item number
BLIEK petit CENO LECA PIRRO QITO	Black		29	915230B0