



**PROJECT**

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**TYPE**

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**NOTES**

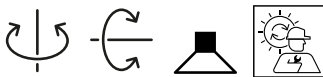
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**QUANTITY**

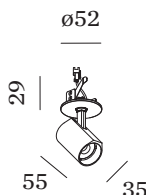
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**DATE**

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Ceiling recessed spotlight made from die-cast aluminium with round base; surface Bronze; wet painted, matt smooth; RAL 7013; 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 & Ducré or by a professional with explicit authorization;



**LUMINAIRE**

- Ceiling
- Semi-Recessed
- tilt max 90 °
- rotation 350 °
- Bronze
- RAL 7013 <sup>a</sup>
- 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
- Standard

**Physical**

- diameter 35 mm
- height 55 mm
- 0.12 kg
- blade springs

**Cutout**

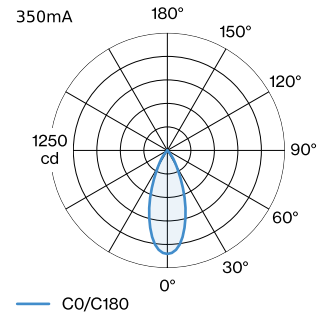
- diameter 46-48 mm
- min. ceiling thickness 8 mm
- recessed depth 85 mm

**datasheet.quicksum.material**

Aluminium

<sup>a</sup> 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	$LMF \times RSMF \times LLMF \times LSF$	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 Factor

<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 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

[176161Q9C] 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.