



**PROJECT** \_\_\_\_\_

**TYPE** \_\_\_\_\_

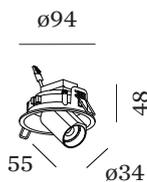
**NOTES** \_\_\_\_\_

**QUANTITY** \_\_\_\_\_

**DATE** \_\_\_\_\_



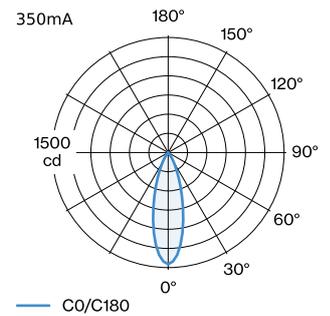
Round ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt; powder coated, matt texture; RAL 9011; inner ring black; installation without tools using wire springs; suitable for ceiling thickness of 4-23 mm; recessed depth 60 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 31°; 355° rotatable and 60° 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 60 °
- rotation 355 °
- Black Matt
- RAL 9011 <sup>a</sup>
- IP20
- IC rated
- Interior
- 495 lm

**LIGHT DISTRIBUTION**



**LED Module**

- 2700 K
- CRI  $\geq 90$
- L70 / 55000h
- $\leq 2$  SDCM (initial MacAdam)

**Optical**

- Medium (standard)
- beam angle 31°
- CIE flux code: 99 100 100 100 100

**Electrical**

- excl. driver
- 17 V
- Class III
- Standard

**Physical**

- diameter 35 mm
- height 55 mm
- 0.2 kg
- wire springs

**Cutout**

- diameter 86-89 mm
- min. ceiling thickness 4 mm
- max. ceiling thickness 23 mm
- recessed depth 60 mm

**datasheet.quicksum.material**

Aluminium

<sup>a</sup> Colour may deviate slightly due to production conditions



**CONE DIAGRAM**

medium (standard) 350mA

h (m)	E0° (lx)	ø (m)
1	1460	0.54
2	360	1.09
3	160	1.63
4	90	2.17
5	60	2.71

**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.92	0.87	0.83	0.79	0.75
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 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			67·39·22	90213303
10W   350mA   13-26V   phase-cut dim			115·41·25	90223406
14W   350mA   10-40V   DALI-2 push dim			166·29·21	90243502

**OPTICAL ACCESSORIES**

**Honeycomb Louver**

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