



PROJECT

---

TYPE

---

NOTES

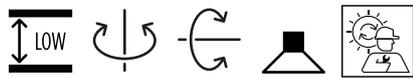
---

QUANTITY

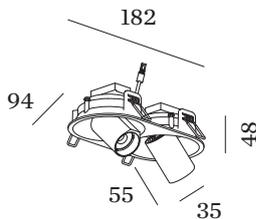
---

DATE

---



Oval ceiling recessed downlight made from die-cast aluminium; adjustable; surface White Matt; powder coated, matt texture; RAL 9010; 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 3000 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 °  
White Matt  
RAL 9010 <sup>a</sup>  
IP20  
IC rated  
Interior  
1050 lm / 700mA

**LED Module**

3000 K  
CRI  $\geq 90$   
L70 / 55000h  
 $\leq 2$  SDCM (initial MacAdam)  
525 lm / 700mA  
86 lm/W <sup>b</sup>  
6.2 W <sup>b</sup>

**Optical**

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

**Electrical**

excl. driver  
17 V  
total insets 12.3 W  
Class III  
Standard

**Physical**

diameter 35 mm  
height 55 mm  
0.4 kg  
wire springs

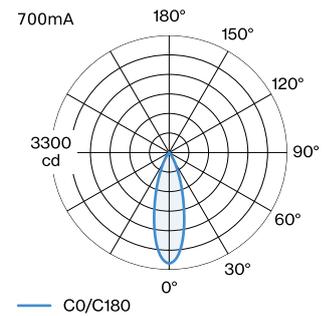
**Cutout**

length 176 mm  
width 87 mm  
min. ceiling thickness 4 mm  
max. ceiling thickness 23 mm  
recessed depth 60 mm

**datasheet.quicksum.material**

Aluminium

**LIGHT DISTRIBUTION**



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



<sup>b</sup> Without electrical and optical losses



## CONE DIAGRAM

medium (standard) 700mA

h (m)	E0° (lx)	ø (m)
1	1560	0.54
2	390	1.09
3	170	1.63
4	100	2.18
5	60	2.72

## Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.9	0.88	0.85	0.83	0.81
LSF	1	1	1	1	1

MF = LMF × RSMF × LLMF × LSF

MF Maintenance Factor

LMF<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor

LLMF Lamp Lumens 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
15W   700mA   12-20V   phase-cut dim		12-20V	122-41-23	90225502
28W   700mA   6-40V   DALI-2		6-40V	97-43-30	90245704

## OPTICAL ACCESSORIES

### Honeycomb Louver

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