



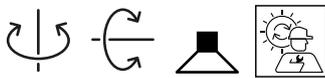
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

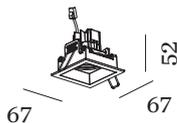
NOTES \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



Squared ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt; powder coated, matt texture; RAL 9011; installation without tools using wire springs; suitable for ceiling thickness of 2-22 mm; recessed depth 65 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 15°; 355° rotatable and 25° 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 \_\_\_\_\_

Recessed \_\_\_\_\_

tilt max 25 ° \_\_\_\_\_

rotation 355 ° \_\_\_\_\_

Black Matt \_\_\_\_\_

RAL 9011 <sup>a</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

IC rated \_\_\_\_\_

Interior \_\_\_\_\_

550 lm / 350mA \_\_\_\_\_

**LED Module**

3000 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L70 / 55000h \_\_\_\_\_

$\leq 2$  SDCM (initial MacAdam) \_\_\_\_\_

670 lm / 350mA \_\_\_\_\_

112 lm/W <sup>b</sup> \_\_\_\_\_

6 W <sup>b</sup> \_\_\_\_\_

**Optical**

Narrow \_\_\_\_\_

beam angle 15° \_\_\_\_\_

UGR  $\leq 10$  \_\_\_\_\_

CIE flux code: 98 100 100 100 \_\_\_\_\_

$\geq 65^\circ < 1500 \text{ cd/m}^2$  \_\_\_\_\_

**Electrical**

excl. driver \_\_\_\_\_

17 V \_\_\_\_\_

Class III \_\_\_\_\_

Standard \_\_\_\_\_

**Physical**

length 67 mm \_\_\_\_\_

width 67 mm \_\_\_\_\_

height 52 mm \_\_\_\_\_

0.08 kg \_\_\_\_\_

wire springs \_\_\_\_\_

**Cutout**

length 54 mm \_\_\_\_\_

width 59 mm \_\_\_\_\_

min. ceiling thickness 2 mm \_\_\_\_\_

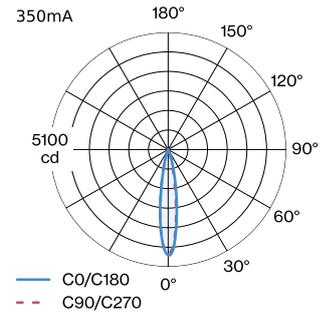
max. ceiling thickness 22 mm \_\_\_\_\_

recessed depth 65 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



**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.95	0.93	0.9	0.88
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