



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

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

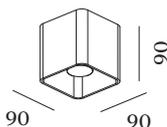
**NOTES** \_\_\_\_\_

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

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



Squared ceiling surface mounted downlight made from die-cast aluminium; rounded edges; surface Black Matt; powder coated; matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP20; Class 1; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000 \text{ cd/m}^2$ ; optional single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



**LUMINAIRE**

Ceiling \_\_\_\_\_

Surface \_\_\_\_\_

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

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

IP20 \_\_\_\_\_

Interior \_\_\_\_\_

610 lm \_\_\_\_\_

**LED Module**

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

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

L70 / 50000h \_\_\_\_\_

$\leq 3$  SDCM (initial MacAdam) \_\_\_\_\_

760 lm \_\_\_\_\_

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

**Optical**

Medium (standard) \_\_\_\_\_

beam angle  $21^\circ$  \_\_\_\_\_

CIE flux code: 93 99 100 100 \_\_\_\_\_

100 \_\_\_\_\_

**Electrical**

phase-cut dim \_\_\_\_\_

220 - 240 V \_\_\_\_\_

system 8.1 W \_\_\_\_\_

Class I \_\_\_\_\_

Standard \_\_\_\_\_

**Physical**

length 90 mm \_\_\_\_\_

width 90 mm \_\_\_\_\_

height 90 mm \_\_\_\_\_

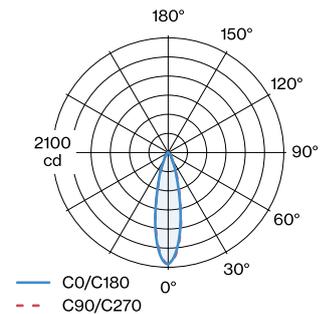
0.63 kg \_\_\_\_\_

**datasheet.quicksum.material**

Aluminium \_\_\_\_\_

<sup>a</sup> Colour may deviate slightly due to production conditions  
<sup>b</sup> Without electrical and optical losses

**LIGHT DISTRIBUTION**





**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0	0	0	0	0
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.

**OPTICAL ACCESSORIES**

**Single Inner Cover**

Type	Colour	Voltage	L·W·H (MM)	Item number
DOCUS   max. 10W	Black		62-62-39.5	911021B1
DOCUS   max. 10W	Gold		62-62-39.5	911021G1
DOCUS   max. 10W	White		62-62-39.5	911021W1