



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

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

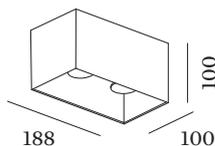
**NOTES** \_\_\_\_\_

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

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



Rectangular ceiling surface mounted downlight made from die-cast aluminium; surface White Matt; powder coated; matt texture; RAL 9010; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP20; Class I; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000$  cd/m<sup>2</sup>; optional double inner reflector and single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



**LUMINAIRE**

Ceiling \_\_\_\_\_

Surface \_\_\_\_\_

White Matt \_\_\_\_\_

RAL 9010 <sup>a</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

Interior \_\_\_\_\_

1210 lm \_\_\_\_\_

**LED Module**

2700 K \_\_\_\_\_

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

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

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

1460 lm \_\_\_\_\_

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

**Optical**

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

beam angle 21° \_\_\_\_\_

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

100 \_\_\_\_\_

**Electrical**

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

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

system 16.1 W \_\_\_\_\_

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

Standard \_\_\_\_\_

**Physical**

length 188 mm \_\_\_\_\_

width 100 mm \_\_\_\_\_

height 100 mm \_\_\_\_\_

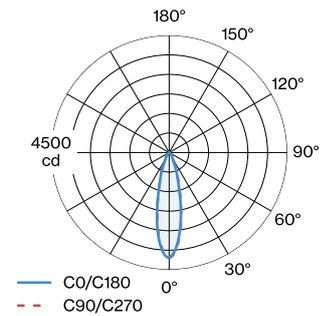
1.08 kg \_\_\_\_\_

**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  $LMF \times RSMF \times LLMF \times LSF$

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.

**OPTICAL ACCESSORIES**
**Double Inner Reflector**

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX 2.0   max. 10W	Black		181-93-50	911251B1
BOX 2.0   max. 10W	Gold		181-93-50	911251G1
BOX 2.0   max. 10W	Champagne		181-93-50	911251M1
BOX 2.0   max. 10W	White		181-93-50	911251W1

**Single Inner Cover**

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX   max. 10W	Black		62-62-49	911011B1
BOX   max. 10W	Gold		62-62-49	911011G1
BOX   max. 10W	Champagne		62-62-49	911011M1
BOX   max. 10W	White		62-62-49	911011W1