



PROJECT

---

TYPE

---

NOTES

---

QUANTITY

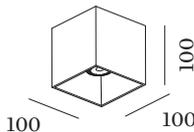
---

DATE

---



Squared 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 2000 - 3000 K colour warm dimming;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP65; Class 1; optional single inner reflector and single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



**LUMINAIRE**

Ceiling  
 Surface  
 White Matt  
 RAL 9010 <sup>a</sup>  
 IP65  
 Exterior  
 415 lm

**LED Module**

colour warm dimming  
 2000 - 3000 K  
 CRI  $\geq 90$   
 L70 / 50000h  
 $\leq 3$  SDCM (initial MacAdam)  
 545 lm  
 90 lm/W <sup>b</sup>

**Optical**

Medium (standard)  
 beam angle 21°  
 CIE flux code: 94 100 100 100  
 100

**Electrical**

phase-cut dim  
 220 - 240 V  
 system 8.1 W  
 Class I  
 Standard

**Physical**

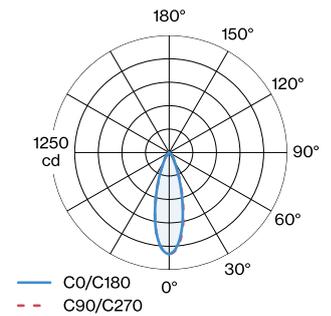
length 100 mm  
 width 100 mm  
 height 100 mm  
 0.67 kg

**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	0.95	0.91	0.86	0.82	0.77
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**
**Single Inner Cover**

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX   max. 10W	Black		62-62-49	911011B1
BOX   max. 10W	Dark Grey Texture		62-62-49	911011D1
BOX   max. 10W	Bronze		62-62-49	911011Q1
BOX   max. 10W	White		62-62-49	911011W1

**Single Inner Reflector**

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX   max. 10W	Black		93.5-93.5-50.5	911211B1
BOX   max. 10W	Dark Grey Texture		93.5-93.5-50.5	911211D1
BOX   max. 10W	Bronze		93.5-93.5-50.5	911211Q1
BOX   max. 10W	White		93.5-93.5-50.5	911211W1