



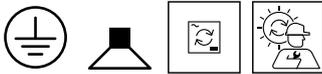
**PROJECT** \_\_\_\_\_

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

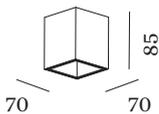
**NOTES** \_\_\_\_\_

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

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



Squared ceiling surface mounted downlight made from die-cast aluminium; surface Champagne + Black Matt; No matching RAL; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 90$ ; beam angle 30°; degree of protection IP20; Class 1; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



**LUMINAIRE**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 Champagne + Black Matt \_\_\_\_\_  
 No matching RAL \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 440 lm \_\_\_\_\_

**LED Module**

3000 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 L80 / 55000h \_\_\_\_\_  
 $\leq 2$  SDCM (initial MacAdam) \_\_\_\_\_  
 555 lm \_\_\_\_\_  
 107 lm/W<sup>a</sup> \_\_\_\_\_

**Optical**

Medium (standard) \_\_\_\_\_  
 beam angle 30° \_\_\_\_\_  
 CIE flux code: 93 97 99 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**Electrical**

phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 6.8 W \_\_\_\_\_  
 Class I \_\_\_\_\_  
 Standard \_\_\_\_\_

**Physical**

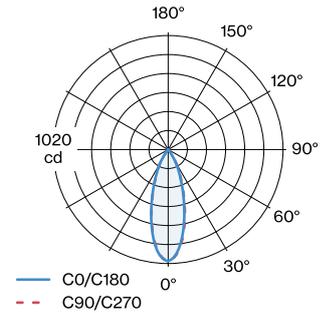
length 70 mm \_\_\_\_\_  
 width 70 mm \_\_\_\_\_  
 height 85 mm \_\_\_\_\_  
 0.25 kg \_\_\_\_\_

**datasheet.quicksum.material**

Aluminium \_\_\_\_\_

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

**LIGHT DISTRIBUTION**





**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	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.