



**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



Cylindrical 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 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  
White Matt  
RAL 9010 <sup>a</sup>  
IP20  
Interior  
470 lm

**LED Module**

3000 K  
CRI  $\geq 90$   
 $\leq 2$  SDCM (initial MacAdam)

**Optical**

Medium (standard)  
beam angle 30°

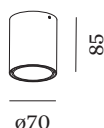
**Electrical**

phase-cut dim  
220 - 240 V  
system 8.0 W  
Class I

**Physical**

diameter 70 mm  
height 85 mm  
0.19 kg

<sup>a</sup> Colour may deviate slightly due to production conditions





## 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.