



**PROJECT**

**TYPE**

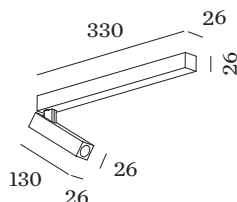
**NOTES**

**QUANTITY**

**DATE**



Ceiling surface spotlight made from die-cast aluminium; with rectangular base; surface White Matt + Gold; powder coated; matt texture; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; beam angle 23°; 220 - 240 V; 350° rotatable and 90° tiltable; 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;



**GENERAL**

Ceiling / Wall  
Surface  
tilt max 90 °  
rotation 350 °  
White Matt + Gold  
IP20  
Interior  
410 lm  
CIE flux code: 90 98 100 100 100

**LED**

2700 K  
CRI  $\geq 90$   
L80 / 50000h  
initial MacAdam  $\leq 2$  SDCM

**OPTICAL**

Standard  
beam angle 23°

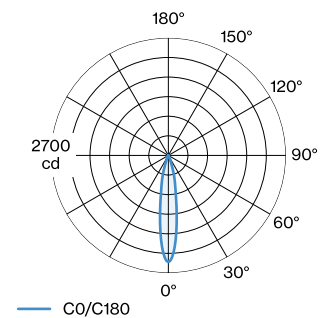
**ELECTRICAL**

phase-cut dim  
220 - 240 V  
system 13.8 W  
Class 1

**PHYSICAL**

length 330 mm  
width 26 mm  
height 130 mm  
0.35 kg

**LIGHT DISTRIBUTION**




**CONE DIAGRAM**

standard 18°

h (m)	E0° (lx)	ø (m)
1	2450	0.31
2	610	0.62
3	270	0.93
4	150	1.25
5	100	1.56

**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.89	0.85	0.82
LSF	1	1	1	1	1

MF LMF × RSMF × LLMF × 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.