



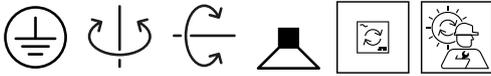
PROJECT

TYPE

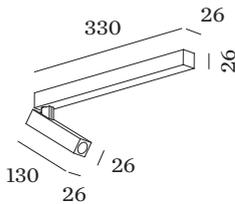
NOTES

QUANTITY

DATE



Ceiling surface spotlight made from die-cast aluminium; with rectangular base; surface White Matt + Gold; powder coated; matt texture; RAL 9010; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 23°; 220 - 240 V; 350° rotatable and 90° tiltable; degree of protection IP20; Class I; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



LUMINAIRE

Ceiling _____
 Surface _____
 tilt max 90 ° _____
 rotation 350 ° _____
 White Matt + Gold _____
 RAL 9010 ^a _____
 IP20 _____
 Interior _____
 435 lm _____

LED Module

3000 K _____
 CRI ≥ 90 _____
 L80 / 50000h _____
 ≤ 2 SDCM (initial MacAdam) _____
 1290 lm _____
 110 lm/W ^b _____

Optical

Medium (standard) _____
 beam angle 23° _____
 CIE flux code: 90 98 100 100 _____
 100 _____

Electrical

phase-cut dim _____
 220 - 240 V _____
 system 13.8 W _____
 Class I _____
 Standard _____

Physical

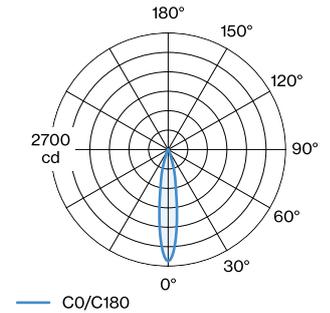
length 330 mm _____
 width 26 mm _____
 height 130 mm _____
 0.35 kg _____

datasheet.quicksum.material

Aluminium _____

^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses

LIGHT DISTRIBUTION



[159144J5] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.


CONE DIAGRAM

medium (standard) 18°

h (m)	E0° (lx)	ø (m)
1	2590	0.31
2	650	0.62
3	290	0.93
4	160	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 $LMF \times RSMF \times LLMF \times LSF$

MF Maintenance Factor

 LMF^a Luminaire Maintenance Factor

 RSMF^a Room Surface Maintenance Factor

LLMF Lamp Lumens Maintenance Factor

LSF Lamp Survival Factor

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.