



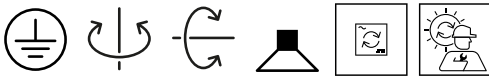
**PROJECT** \_\_\_\_\_

**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 3000 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 \_\_\_\_\_

435 lm \_\_\_\_\_

CIE flux code: 90 98 100 100 \_\_\_\_\_

100 \_\_\_\_\_

**LED**

3000 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 \_\_\_\_\_

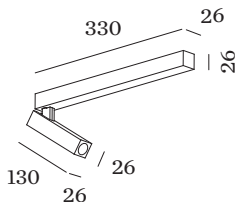
**PHYSICAL**

length 330 mm \_\_\_\_\_

width 26 mm \_\_\_\_\_

height 130 mm \_\_\_\_\_

0.35 kg \_\_\_\_\_



[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.



**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	$LMF \times RSMF \times LLMF \times LSF$	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.