PROJECT

TYPE

NOTES

QUANTITY

DATE

## 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 ≥ 90
L80 / 50000h
initial MacAdam ≤ 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
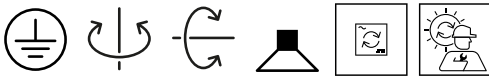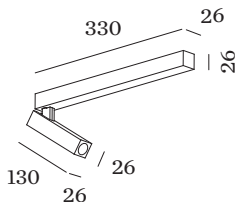
Ceiling surface spotlight made from die-cast aluminium; with rectangular base; surface White Matt + Gold; powder coated; matt texture; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; beam angle 23°; 220 - 240 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;

330   26
26
130   26
26

**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 | RSMF[a] | Room Surface Maintenance Factor |
| MF | Maintenance Factor | LLMF | Lamp Lumens Maintenance Factor |
| LMF[a] | Luminaire Maintenance Factor | LSF | Lamp Survival Factor |

[a]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.