



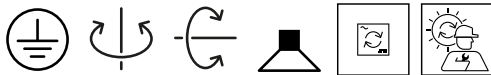
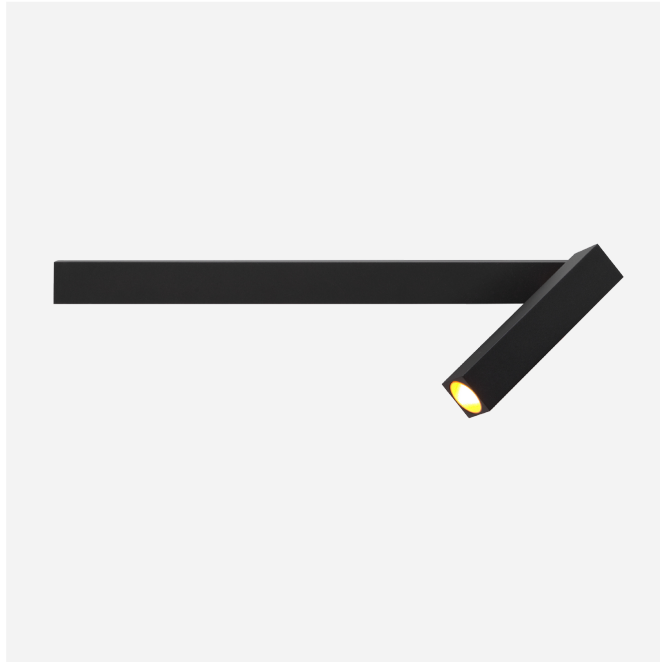
PROJECT

TYPE

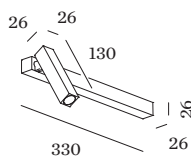
NOTES

QUANTITY

DATE



Wall surface spotlight made from die-cast aluminium; with rectangular base; surface Black Matt + Gold; powder coated and wet painted; matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 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;



Luminaire

Wall
Surface
tilt max 90 °
rotation 350 °
Black Matt + Gold
RAL 9011 ^a
IP20
Interior
235 lm

Module

2700 K
CRI ≥ 90
L80 / 50000 h
 ≤ 2 SDCM (initial MacAdam)
693 lm
125 lm/W ^b

Optical

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

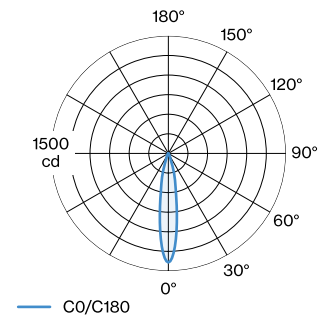
Electrical

phase-cut dim
220 - 240 V
system 7.4 W
Class 1

Physical

length 130 mm
width 26 mm
height 26 mm
0.35 kg

LIGHT DISTRIBUTION



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



CONE DIAGRAM

medium (standard) 18°

h (m)	E0° (lx)	ø (m)
1	1390	0.31
2	350	0.62
3	150	0.93
4	90	1.25
5	60	1.56

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF LMF × RSMF × LLMF × 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.