



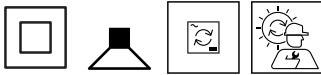
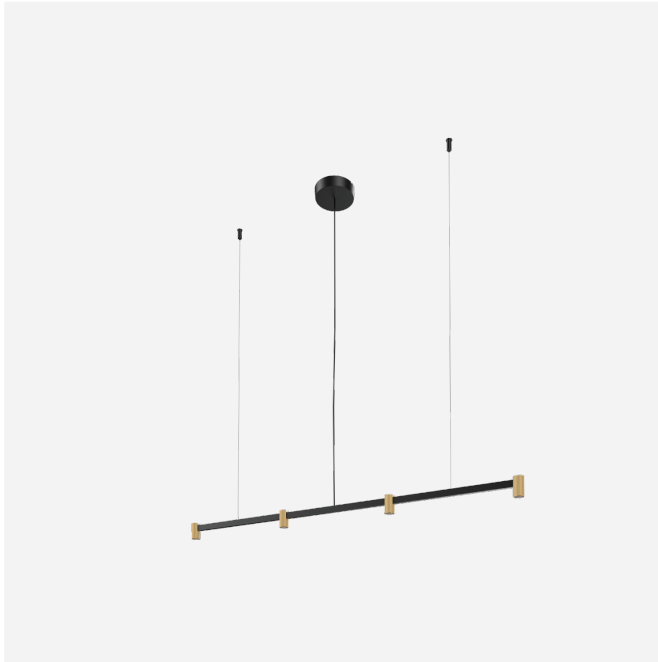
PROJECT

TYPE

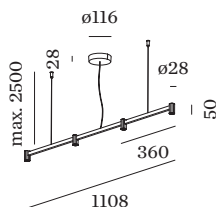
NOTES

QUANTITY

DATE



Ceiling suspended luminaire made from aluminium; with 4 spotlights; inclusive adjustable cable suspension max. 2500mm; surface Black Matt + Champagne; powder coated; matt texture + wet painted; smooth semi glossy; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 30°; 220 - 240 V; degree of protection IP20; Class 2; UGR ≤ 19 ; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



LUMINAIRE

Ceiling
Suspended
Black Matt + Champagne
RAL 9011 ^a
IP20
Interior
730 lm

LED Module

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

Optical

Medium (standard)
beam angle 30°
UGR ≤ 19
CIE flux code: 95 99 100 100
100

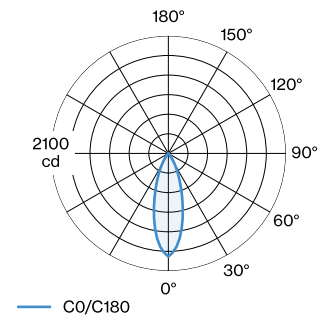
Electrical

phase-cut dim
220 - 240 V
system 11.4 W
Class II

Physical

length 1108 mm
width 28 mm
height 50 mm
0.64 kg

LIGHT DISTRIBUTION



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


Maintenance Factor

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.98 | 0.95 | 0.93 | 0.9 | 0.88 |
| LSF | 1 | 1 | 1 | 1 | 1 |

| | | | |
|------------------|--|-------------------|---------------------------------|
| MF | $LMF \times RSMF \times LLMF \times LSF$ | RSMF ^a | Room Surface Maintenance Factor |
| MF | Maintenance Factor | LLMF | Lamp Lumens Maintenance Factor |
| LMF ^a | Luminaire 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.