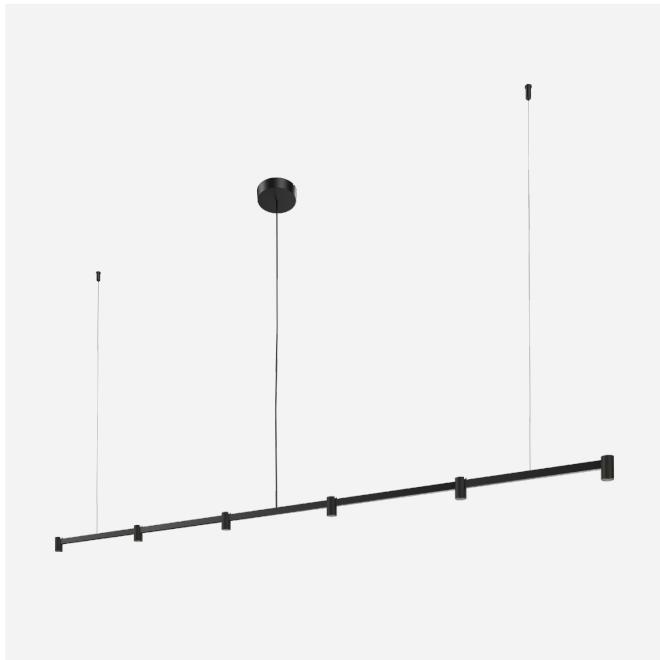
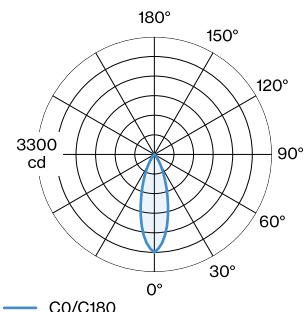



PROJECT
TYPE
NOTES
QUANTITY
DATE


Ceiling suspended luminaire made from aluminium; with 6 spotlights; inclusive adjustable cable suspension max. 2500mm; surface Black Matt; powder coated, matt texture; RAL 9005; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam \leq 2 SDCM; CRI \geq 90; beam angle 30°; 220 - 240 V; degree of protection IP20; Class 2; UGR \leq 19; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;

GENERAL

Ceiling
Suspended
Black Matt
RAL 9005 ^a
IP20
Interior
1090 lm
CIE flux code: 95 99 100 100
100

LIGHT DISTRIBUTION

LED

2700 K
CRI \geq 90
L80 / 50000h
initial MacAdam \leq 2 SDCM

OPTICAL

Standard
beam angle 30°
UGR $<$ 19

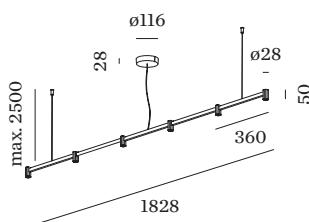
ELECTRICAL

phase-cut dim
220 - 240 V
system 16.0 W
Class 2

PHYSICAL

length 1828 mm
width 28 mm
height 50 mm
0.84 kg

^a Colour may deviate slightly due to production conditions.




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	$LMF \times RSMF \times LLMF \times LSF$	RSMFa	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMFa ^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.