WEVER & DUCRÉ LIGHTING

LECA SURFACE 4.0

188464B3

PROJECT

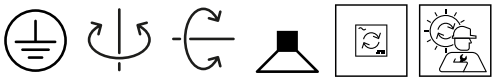
TYPE

NOTES

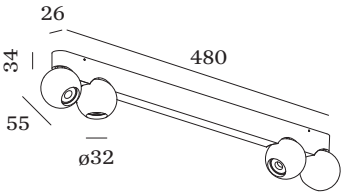
QUANTITY

DATE





Ceiling surface luminaire with 4 spotlights; made from die-cast aluminium; surface Black Matt; powder coated, matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; beam angle 31°; spotlight head 350° rotatable and 90° tiltable; degree of protection IP20; Class 1; driver included; optional optical accessories available; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



LUMINAIRE

Ceiling
Surface
tilt max 90 °
rotation 350 °
Black Matt
RAL 9011 [a]
IP20
Interior
spots: 4
per spot 585 lm
2340 lm

LED MODULE

2700 K
CRI ≥ 90
L80 / 100000 h
≤ 2 SDCM (initial MacAdam)
585 lm
103 lm/W [b]

OPTICAL

Medium (standard)
beam angle 31°
CIE flux code: 93 98 100 100 100

ELECTRICAL

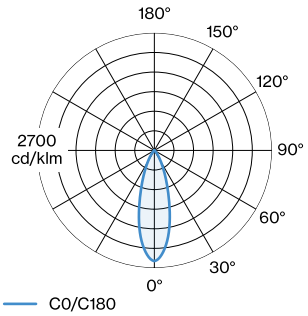
phase-cut dim
220 - 240 V
system 27.8 W
Class I

PHYSICAL

diameter 32 mm
height 55 mm
1.44 kg

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

LIGHT DISTRIBUTION



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CONE DIAGRAM

medium (standard) 31°

h (m)	E0° (lx)	ø (m)
1	1490	0.56
2	370	1.12
3	170	1.69
4	90	2.25
5	60	2.81

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.99	0.98	0.97	0.96	0.95
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.

OPTICAL ACCESSORIES

HONEYCOMB LOUVRE

TYPE	COLOUR	VOLTAGE	Ø (MM)	ITEM NUMBER
BLIEK petit | CENO | LECA | PIRRO | QITO 1.0 | QITO SURFACE	Black		29	915230B0

['188464B3'] 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.

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