



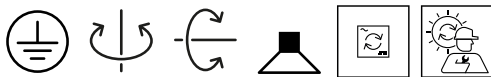
PROJECT

TYPE

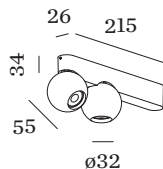
NOTES

QUANTITY

DATE



Ceiling surface luminaire with 2 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
per head 585 lm
heads 2
1170 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

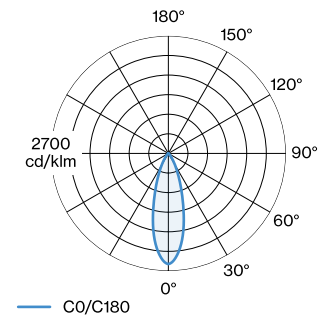
Electrical

phase-cut dim
220 - 240 V
system 13.9 W
Class I
Standard

Physical

diameter 32 mm
height 55 mm
0.71 kg

LIGHT DISTRIBUTION



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



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

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.

OPTICAL ACCESSORIES

Honeycomb Louver

Type	Colour	Voltage	Ø (MM)	Item number
BLIEK petit CENO LECA PIRRO QITO 1.0	Black		29	915230B0