



WEVER & DUCRÉ
LIGHTING

CENO SURFACE 2.0

176764Q5

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling , Surface

Tilt max 90°

Rotation 350°

Bronze

IP20

Interior

Output: 1050 lm

CIE flux code: 99 100 100 100 100

LED

3000 K

CRI ≥ 90

L70 / 60000 h

2 SDCM

OPTICAL

Beam angle 31°

ELECTRICAL

phase-cut dim

220 - 240 V

Total connected power 13,9 W

Class 1

PHYSICAL

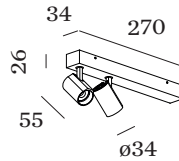
Diameter 34 mm

Height 55 mm

0.43 kg



Ceiling surface spotlight made from die-cast aluminium; with rectangular base; surface Bronze; wet painted, matt smooth; inner ring black; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; beam angle 31°; 220 - 240 V; 350° rotatable and 90° tiltable; degree of protection IP20; PCI; driver included; optional honey-comb louver available, to reduce glare; light source replaceable by an authorized professional; control gear replaceable by end-user;



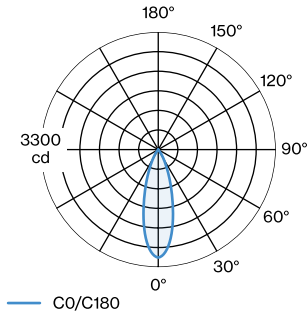


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LIGHT DISTRIBUTION



CONE DIAGRAM

31°

h (m)	E0° (lx)	ø (m)
1	1520	0.55
2	380	1.10
3	170	1.65
4	90	2.21
5	60	2.76

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.92	0.87	0.83	0.79	0.75
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

^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

Honeycomb Louver

TYPE	Ø (MM)	ORDERCODE
CENO PIRRO BLIEK ROUND PETIT	29	9 0 0 5 1 1 3 1