



WEVER & DUCRÉ
LIGHTING

PLANO

petit SURFACE 2.0

162664B3

Project
Type
Notes
Quantity
Date

GENERAL

Ceiling , Surface
 Tilt max 25°
 Rotation 355°
 Black Matt
 RAL 9005^a
 IP20
 Interior
 Output: 975 lm
 CIE flux code: 98 100 100 100 100

LED

2700 K
 CRI ≥ 90
 L70 / 55000h
 2 SDCM

OPTICAL

Beam angle 31°

ELECTRICAL

phase-cut dim
 220 - 240 V
 Total connected power 14.4 W
 Class 1

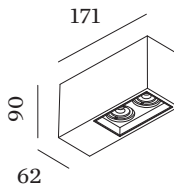
PHYSICAL

Length 171 mm
 Width 62 mm
 Height 90 mm
 0.62 kg

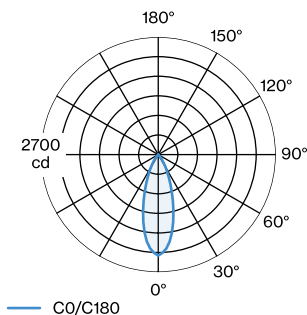
^a Color may deviate slightly due to production conditions.



Rectangular ceiling surface mounted downlight with 2 spots made from die-cast aluminium; 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 ≤ 2 SDCM; CRI ≥ 90; beam angle 31°; 355° rotatable and 25° tiltable; degree of protection IP20; PC1; driver included; light source replaceable by an authorized professional; control gear replaceable by end-user;



LIGHT DISTRIBUTION



[162664B3] 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 apply.
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CONE DIAGRAM

34°

h (m)	E0° (lx)	ø (m)
1	1160	0.61
2	290	1.23
3	130	1.84
4	70	2.46
5	50	3.07

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.89	0.87	0.85	0.83	0.81
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 Faktor

^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.