



WEVER & DUCRÉ
LIGHTING

PLANO 1.0 LED

118561B9

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling, Recessed

Tilt max 35°

Rotation 355°

Black Matt

RAL 9005^a

IP20

Interior

Output: 335^b, 495° lm

CIE flux code: 98 100 100 100 100

LED

colour warm dimming

2000 K - 3000 K

CRI ≥ 90

L70 / 50000h

3 SDCM

OPTICAL

Flood, Beam angle 38°

ELECTRICAL

excl. driver

17 V

LED Inset 6.1^b to 9.0° W

Class 3

350 to 500 mA

PHYSICAL

Length 85 mm

Width 85 mm

Height 90 mm

0.26 kg

wire springs

CUTOUT

Length 74 mm

Width 78 mm

Min. ceiling thickness 2 mm

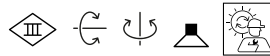
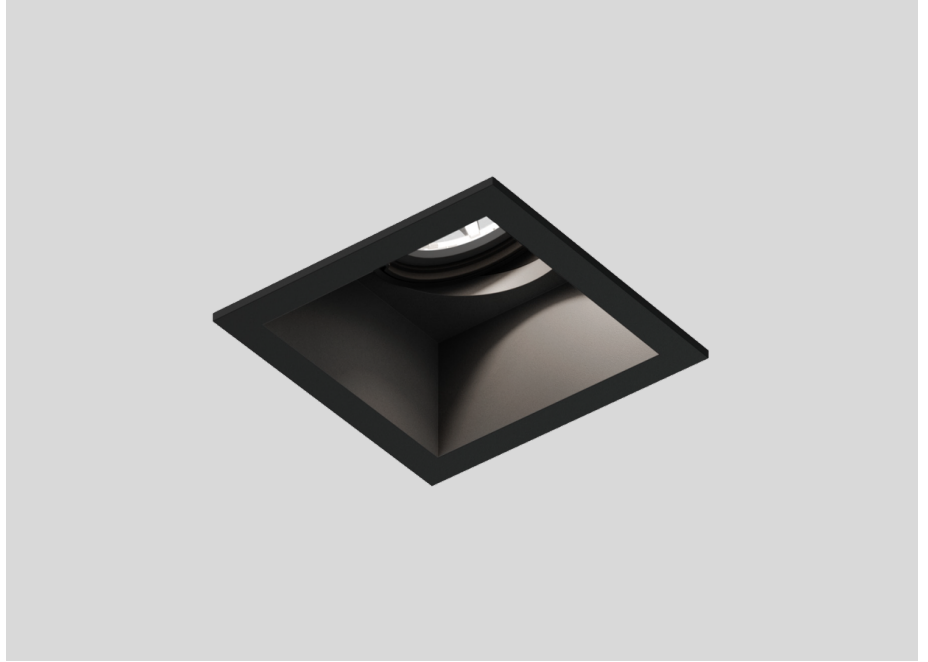
Max. ceiling thickness 18 mm

Recessed depth 95 mm

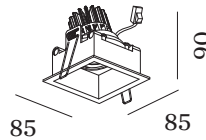
^a Color may deviate slightly due to production conditions.

^b 350mA

^c 500mA



Squared ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt; powder coated, matt texture; RAL 9005; installation without tools using wire springs; suitable for ceiling thickness of 2-18 mm; recessed depth 95 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2000 K - 3000 K colour warm dimming; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; beam angle 38°; 355° rotatable and 35° tiltable; degree of protection IP20; PC3; driver not included; light source replaceable by an authorized professional;



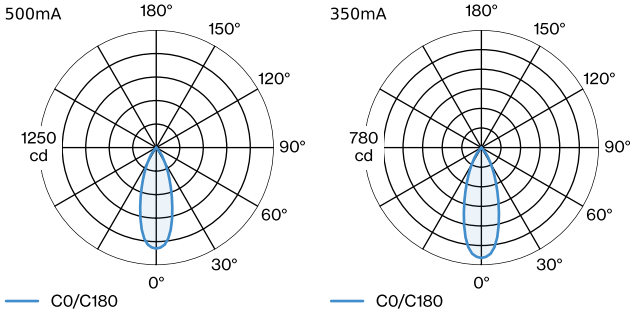


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LIGHT DISTRIBUTION



CONE DIAGRAM

flood 36° 500mA

h (m)	EO° (lx)	ø (m)
1	1070	0.65
2	270	1.29
3	120	1.94
4	70	2.58
5	40	3.23

flood 36° 350mA

h (m)	EO° (lx)	ø (m)
1	733	0.65
2	183	1.29
3	81	1.94
4	46	2.58
5	29	3.23

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.95	0.91	0.86	0.82	0.77
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.

OTHER

Metal spring clip

TYPE	Ø (MM)	ORDERCODE
MR16 LED PARI16 max. 12W	59	9 0 0 1 9 7 0 0



Spring clip

TYPE	COLOUR	Ø (MM)	ORDERCODE
MR16 LED PARI16 max. 12W	Black	59	9 0 0 1 9 8 B 0
MR16 LED PARI16 max. 12W	Bronze	59	9 0 0 1 9 8 Q 0
MR16 LED PARI16 max. 12W	Silver	59	9 0 0 1 9 8 S 0
MR16 LED PARI16 max. 12W	White	59	9 0 0 1 9 8 W 0

[118561B9] 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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March 28, 2024



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ELECTRICAL

Driver

TYPE	L · W · H (MM)	VOLTAGE	ORDERCODE
10W 500mA 11-20V	100·43·23	11-20V	9 0 2 1 4 4 0 5
10W 500mA	65·39·20	13-20V	9 0 2 1 4 4 0 6
10W 500mA 3-20V phase-cut dim	102·49·29	3-20V	9 0 2 2 4 4 0 2
10W 500mA	115·41·25	12-21V	9 0 2 2 4 4 0 3
20W 500mA 3-40V DALI	116·40.5·22	3-40V	9 0 2 4 4 6 0 4
24W 500mA	143·43·30	6-49V	9 0 2 4 4 7 0 1