



WEVER & DUCRÉ
LIGHTING

STRANGE 1.0 LED

131461W3

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling

Recessed

Tilt max 35°

Rotation 355°

White Matt

RAL 9003^a

Below IP20

Interior

510^b to 685^c lm

LED

2700 K

CRI ≥ 90

L80 B50 / 50000h

3-step binning

OPTICAL

Flood

Beam angle 36°

ELECTRICAL

excl. power supply

17 V

LED Inset 5.9^b to 8.7^c W

350 to 500 mA

Class 3

Safety distance 0.3 m

PHYSICAL

Length 70 mm

Width 70 mm

Height 90 mm

0.43 kg

alu plasterkit

CUTOUT

Length 86 mm

Width 86 mm

Min. ceiling thickness 8 mm

Max. ceiling thickness 32 mm

Recessed depth 95 mm

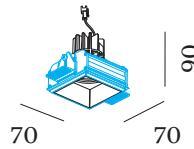
^a Color may deviate slightly due to production conditions.

^b 350mA

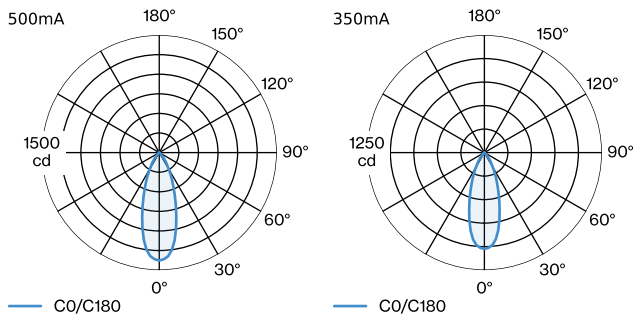
^c 500mA



Squared ceiling recessed luminaire made from aluminium; RAL 9003; recessed depth 95 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam 3 SDCM; CRI 90; beam angle 36°; 355° rotatable and 35° tiltable; degree of protection IP20; PC3; driver not included; light source replaceable by an authorized professional;



LIGHT DISTRIBUTION



[131461W3] 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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CONE DIAGRAM

flood 36° 500mA			flood 36° 350mA		
h (m)	EO° (lx)	ø (m)	h (m)	EO° (lx)	ø (m)
1	1380	0.64	1	1020	0.64
2	340	1.29	2	260	1.29
3	150	1.93	3	110	1.93
4	90	2.57	4	60	2.57
5	60	3.22	5	40	3.22

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	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.

OTHER

Metal spring clip

TYPE	(MM)	ORDERCODE
MR16 LED PAR16 max. 12W	59	9 0 0 1 9 7 0 0



ø59

Spring clip

TYPE	COLOUR	(MM)	ORDERCODE
MR16 LED PAR16 max. 12W	Black	59	9 0 0 1 9 8 B 0
MR16 LED PAR16 max. 12W	Gold	59	9 0 0 1 9 8 G 0
MR16 LED PAR16 max. 12W	Bronze	59	9 0 0 1 9 8 Q 0
MR16 LED PAR16 max. 12W	Silver	59	9 0 0 1 9 8 S 0
MR16 LED PAR16 max. 12W	White	59	9 0 0 1 9 8 W 0

ELECTRICAL

Driver

TYPE	L · W · H (MM)	ORDERCODE
10W 500mA 11-20V	100-43-23	9 0 2 1 4 4 0 5
10W 500mA 3-20V	102-49-29	9 0 2 2 4 4 0 2
17W 350mA 10-49V	108-52-22	9 0 2 4 3 6 0 1
20W 500mA 9-45V	116-40.5-22	9 0 2 4 4 6 0 4

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October 24, 2022



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MOUNTING

Plasterkit

TYPE	L · W · H (MM)	ORDERCODE
STRANGE 1.0 SNEAK TRIMLESS 1.0	83 · 83 · 48	9 0 0 1 7 1 2 0