



WEVER & DUCRÉ
LIGHTING

LUNA

SQUARE 1.0 LED

114481W5

Project
Type
Notes
Quantity
Date

GENERAL

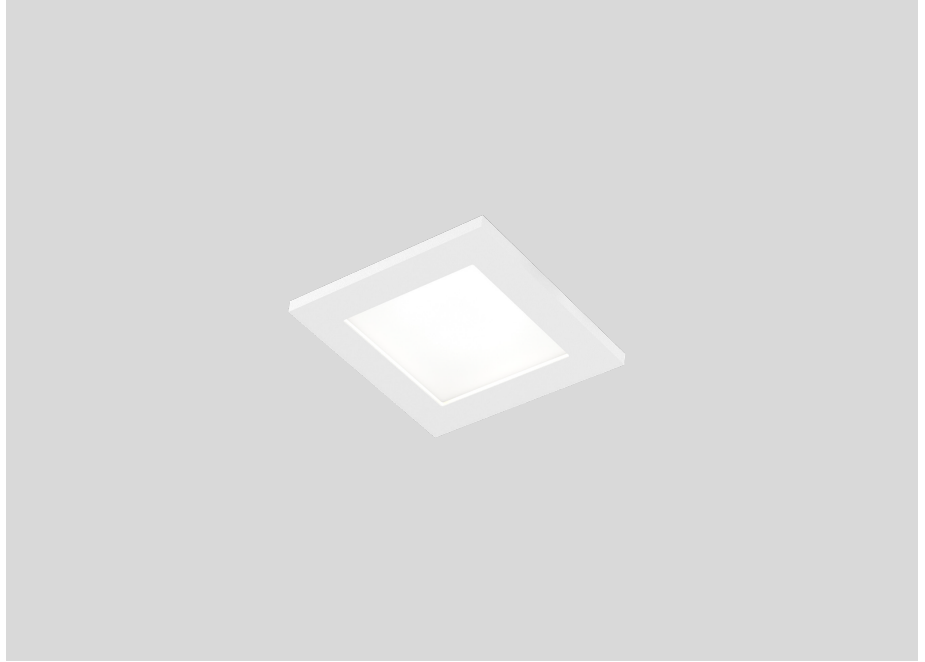
Ceiling
Recessed
Signal White
IP44
Interior
410^a to 550^b lm
RAL 9003^c

LED

3000 K
CRI 90
L80 / 50000 h
3-step binning
MR 0.59
MDER 0.53

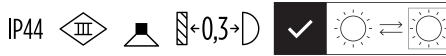
PHYSICAL

Length 90 mm
Width 90 mm
Height 94 mm
0.2 kg



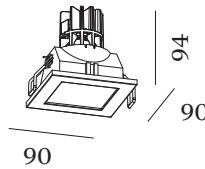
ELECTRICAL

excl. power supply
18 V
Total connected power 5.9^a to 8.7^b W
LED Inset 5.9^a to 8.7^b W
350^a to 500^b mA
PC3
Safety distance 0.3 m



CUTOUT

Length 76 mm
Width 76 mm
Min. ceiling thickness 8 mm
Max. ceiling thickness 15 mm
Recessed depth 100 mm

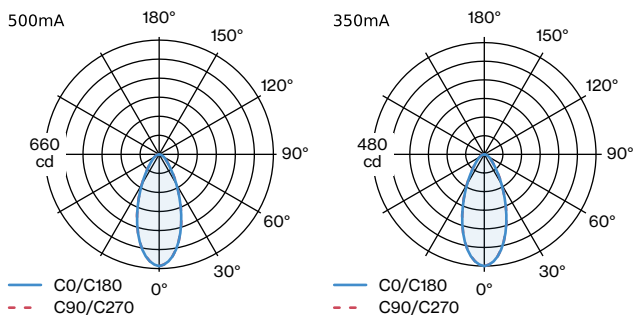


^a 350mA

^b 500mA

^c RAL Palette colors may deviate slightly due to production conditions.

LIGHT DISTRIBUTION





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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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival 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.

MOUNTING

Plasterkit

TYPE	L · W · H (MM)	ORDERCODE
LUNA 1.0 SQUARE	142-158-8	9 0 0 1 7 1 0 2

ELECTRICAL

Power Supply

TYPE	L · W · H (MM)	VOLTAGE	ORDERCODE
Driver 10W 500mA 11-20V	101.5-51-29.2	11 - 20V	9 0 2 1 4 4 0 5
Driver 10W 350mA 14-28V	101.5-51-29.5	14 - 28V	9 0 2 2 3 4 0 1
Driver 10W 350mA 12-28V	102-38-21	12 - 28V	9 0 2 2 3 4 0 2
Driver 10W 500mA 3-20V	102-49-29		9 0 2 2 4 4 0 2
Driver 10W 500mA 10-20V	100-43-22.5	11 - 20V	9 0 2 3 4 4 0 1