



WEVER & DUCRÉ
LIGHTING

DEEP 1.0 LED

112161W3

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling

Recessed

Signal White

IP20

Interior

530^a to 710^b lm

RAL 9003^c

LED

2700 K

CRI 90

L80 B50 / 50000h

3-step binning

OPTICAL

Flood

Beam angle 36°

PHYSICAL

Diameter 84 mm

Height 85 mm

0.31 kg

wire springs

ELECTRICAL

excl. power supply

18 V

Total connected power 7.9^a to 11.6^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

Diameter 76-79 mm

Min. ceiling thickness 4 mm

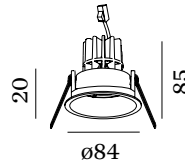
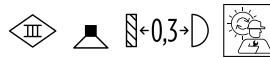
Max. ceiling thickness 27 mm

Recessed depth 90 mm

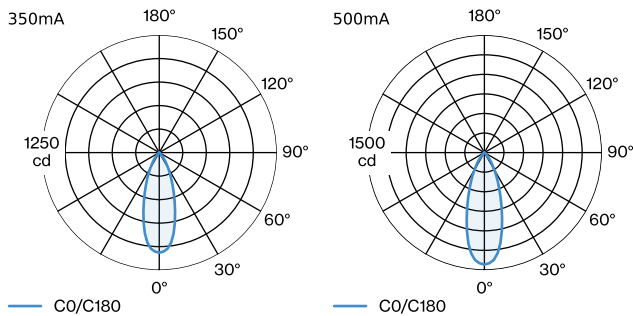
^a 350mA

^b 500mA

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



LIGHT DISTRIBUTION





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CONE DIAGRAM

flood 36° 350mA			flood 36° 500mA		
h (m)	EO° (lx)	ø (m)	h (m)	EO° (lx)	ø (m)
1	1060	0.64	1	1430	0.64
2	270	1.29	2	360	1.29
3	120	1.93	3	160	1.93
4	70	2.57	4	90	2.57
5	40	3.22	5	60	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.

ELECTRICAL

Power Supply

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