



WEVER & DUCRÉ
LIGHTING

BLIEK SQUARE 1.0 LED

125261W5

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling

Recessed

Signal White

IP20

Interior

585^a to 785^b lm

RAL 9003^c

LED

3000 K

CRI 90

L80 / 50000 h

3-step binning

MR 0.59

MDER 0.53

OPTICAL

Flood

Beam angle 36°

PHYSICAL

Length 120 mm

Width 120 mm

Height 61 mm

0.47 kg

Tilt max 60°

Rotation 355°

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

Length 111 mm

Width 111 mm

Min. ceiling thickness 4 mm

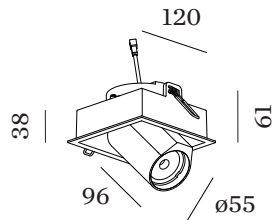
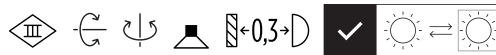
Max. ceiling thickness 25 mm

Recessed depth 75 mm

^a 350mA

^b 500mA

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



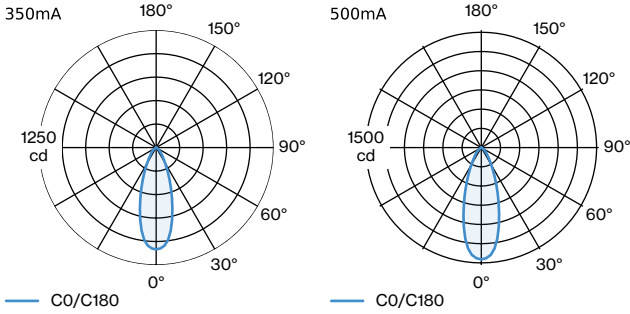


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LIGHT DISTRIBUTION



CONE DIAGRAM

flood 36° 350mA

h (m)	EO° (lx)	ø (m)
1	1085	0.65
2	271	1.29
3	120	1.94
4	67	2.59
5	43	3.23

flood 36° 500mA

h (m)	EO° (lx)	ø (m)
1	1455	0.65
2	364	1.29
3	161	1.94
4	90	2.59
5	58	3.23

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 Factor

^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)	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