



WEVER & DUCRÉ
LIGHTING

BLIEK SQUARE 1.0 LED

125441B3

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling , Semi-Recessed

Tilt max 60°

Rotation 355°

Black Matt

RAL 9005 ^a

IP20

IC rated

Interior

Output: 570^b, 760^c lm

CIE flux code: 89 99 100 100 100

LED

2700 K

CRI ≥ 90

L80 / 55000h

2 SDCM

OPTICAL

Narrow , Beam angle 15°

ELECTRICAL

excl. driver

17 V

LED Inset 6.0^b to 8.8° W

Class 3

350 to 500 mA

PHYSICAL

Length 120 mm

Width 120 mm

Height 61 mm

0.47 kg

wire springs

CUTOUT

Length 111 mm

Width 111 mm

Min. ceiling thickness 4 mm

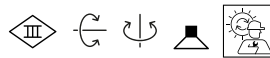
Max. ceiling thickness 25 mm

Recessed depth 75 mm

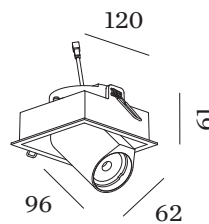
^a Color may deviate slightly due to production conditions.

^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 4-25 mm; recessed depth 75 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; beam angle 15°; 355° rotatable and 60° tiltable; degree of protection IP20; PC3; IC rated; driver not included; light source replaceable by an authorized professional;



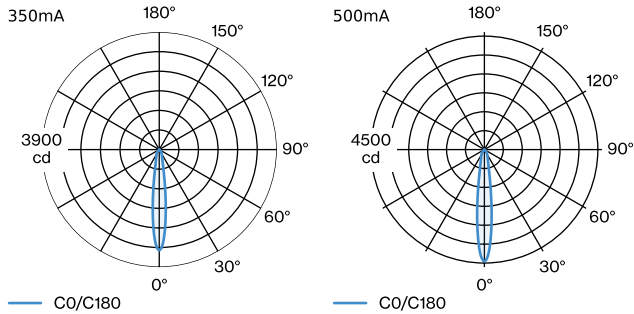


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LIGHT DISTRIBUTION



CONE DIAGRAM

350mA			500mA		
h (m)	EO° (lx)	ø (m)	h (m)	EO° (lx)	ø (m)
1	3340	0.26	1	4440	0.26
2	840	0.51	2	1110	0.51
3	370	0.77	3	490	0.77
4	210	1.03	4	280	1.03
5	130	1.28	5	180	1.28

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

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