



PROJECT

TYPE

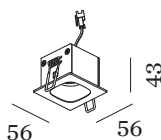
NOTES

QUANTITY

DATE



Rectangular ceiling recessed downlight made from die-cast aluminium; housing Black Matt powder coated; matt texture; with reflector in Black Matt wet painted; matt fine texture; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 85mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP20; Class 3; IC rated; UGR ≤ 16 ; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Recessed
Black Matt
RAL 9011 ^a
IP20
IC rated
Interior
385 lm

LED MODULE

2700 K
CRI ≥ 90
L70 / 55000h
 ≤ 2 SDCM (initial MacAdam)

OPTICAL

Medium (standard)
beam angle 32°
CIE flux code: 98 99 100 100 100

ELECTRICAL

excl. driver
9 V
Class III

PHYSICAL

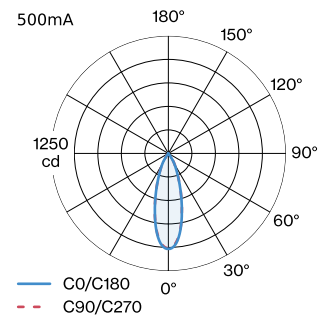
length 56 mm
width 56 mm
height 43 mm
0.09 kg
wire springs

CUTOUT

length 50 mm
width 50 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 mm
recessed depth 85 mm

^a Colour may deviate slightly due to production conditions

LIGHT DISTRIBUTION




CONE DIAGRAM

medium (standard) 500mA

h (m)	E0° (lx)	ø (m)
1	1020	0.57
2	250	1.14
3	110	1.72
4	60	2.29
5	40	2.86

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.9	0.88	0.85	0.83	0.81
LSF	1	1	1	1	1

MF LMF × RSMF × LLMF × LSF

MF Maintenance Factor

LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor

LLMF Lamp Lumens Maintenance Factor

LSF Lamp Survival Factor

^aAccording 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 ACCESSORIES
DRIVER

TYPE	COLOUR	VOLTAGE	L·W·H (MM)	ITEM NUMBER
6W 500mA 3-12V 100-240VAC		3-12V	68-35-21	90214201
6.5W 500mA 7-13V phase-cut dim 220-240VAC		7-13V	122-41-23	90224301
24W 500mA 6-49V DALI-2 220-240VAC		6-49V	143-43-30	90244701