



PROJECT

TYPE

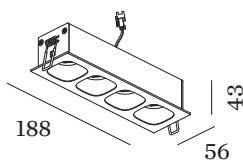
NOTES

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 60 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; 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;



GENERAL

Ceiling
 Recessed
 Black Matt
 RAL 9005 ^a
 IP20
 IC rated
 Interior
 CIE flux code: 98 99 100 100 100

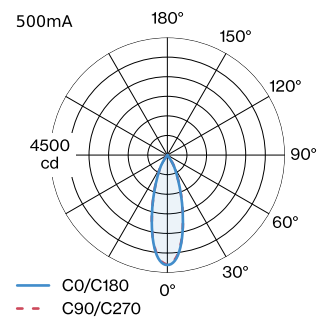
MEASURED DRIVER

500mA
 1590 lm
 16.8 W

LED

3000 K
 CRI ≥ 90
 L70 / 55000h
 initial MacAdam ≤ 2 SDCM

LIGHT DISTRIBUTION



OPTICAL

Standard
 beam angle 32°

ELECTRICAL

excl. driver
 36 V
 inset 16.8 W
 Class 3

PHYSICAL

length 188 mm
 width 56 mm
 height 43 mm
 0.28 kg
 wire springs

CUTOUT

length 181 mm
 width 50 mm
 min. ceiling thickness 4 mm
 max. ceiling thickness 25 mm
 recessed depth 60 mm

^a Colour may deviate slightly due to production conditions.

[150461B5] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.



CONE DIAGRAM

standard 32° 500mA

h (m)	E0° (lx)	ø (m)
1	4200	0.57
2	1050	1.14
3	470	1.72
4	260	2.29
5	170	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	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire 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	Voltage	L·W·H (MM)	Item number
20W 500mA 26-38V phase-cut dim	26-38V	138-44-30	90224602
20W 500mA 3-40V DALI	3-40V	116-40.5-22	90244604
24W 500mA 6-49V	6-49V	143-43-30	90244701

OPTICAL ACCESSORIES

Honeycomb Louver

Type	Colour	Ø (MM)	Item number
BLIEK PETIT CENO LECA PIRRO	Black	29	90051131