



PROJECT _____

TYPE _____

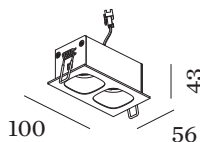
NOTES _____

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 _____

LED

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

OPTICAL

Standard _____
 beam angle 32° _____

ELECTRICAL

excl. driver _____
 18 V _____
 inset 8.6 W _____
 Class 3 _____

PHYSICAL

length 100 mm _____
 width 56 mm _____
 height 43 mm _____
 0.16 kg _____
 wire springs _____

CUTOUT

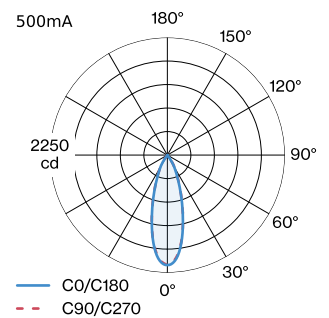
length 93 mm _____
 width 50 mm _____
 min. ceiling thickness 4 mm _____
 max. ceiling thickness 25 mm _____
 recessed depth 60 mm _____

^a Colour may deviate slightly due to production conditions.

MEASURED DRIVER

500mA _____
 795 lm _____
 11.5 W _____

LIGHT DISTRIBUTION




CONE DIAGRAM

standard 32° 500mA

h (m)	E0° (lx)	ø (m)
1	2100	0.57
2	530	1.14
3	230	1.72
4	130	2.29
5	80	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	Voltage	L·W·H (MM)	Item number
10W 500mA 12-20V phase-cut dim	12-20V	122-41-23	90224503
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