



PROJECT

TYPE

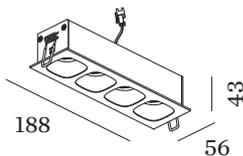
NOTES

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; ≤ 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 _____
 1590 lm _____

LED Module

3000 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 _____
 36 V _____
 Class III _____
 Standard _____

Physical

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

Cutout

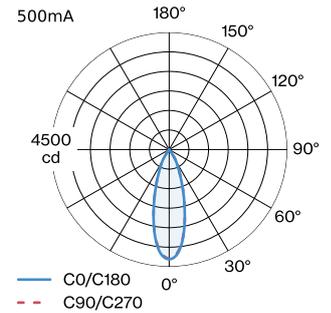
length 181 mm _____
 width 50 mm _____
 min. ceiling thickness 4 mm _____
 max. ceiling thickness 25 mm _____
 recessed depth 60 mm _____

datasheet.quicksum.material

Aluminium _____

^a Colour may deviate slightly due to production conditions

LIGHT DISTRIBUTION





CONE DIAGRAM

medium (standard) 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	Colour	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 DALI-2		6-49V	143-43-30	90244701

OPTICAL ACCESSORIES

Honeycomb Louver

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