



PROJECT

TYPE

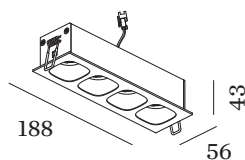
NOTES

QUANTITY

DATE



Rectangular ceiling recessed downlight made from die-cast aluminium; housing Black Matt powder coated; matt texture; with reflector in Gold wet painted; matt smooth; 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 + Gold
RAL 9011 ^a
IP20
IC rated
Interior
1640 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

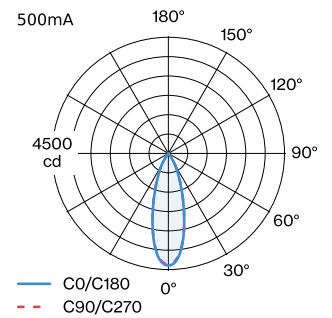
length 181 mm
width 50 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 mm
recessed depth 60 mm

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	4340	0.57
2	1080	1.14
3	480	1.72
4	270	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

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
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