



PROJECT

TYPE

NOTES

QUANTITY

DATE



Squared ceiling surface mounted downlight made from die-cast aluminium; housing Black Matt powder coated; matt texture; with reflector in Black Matt wet painted; matt fine texture; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; degree of protection IP20; Class 1; UGR ≤ 13 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; driver included; optional honeycomb louver available, to reduce glare; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;

GENERAL

Ceiling
Surface
Black Matt
RAL 9011 ^a
IP20
Interior
1290 lm
CIE flux code: 99 100 100 100 100

LED

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

OPTICAL

Standard
beam angle 32°

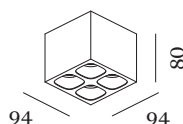
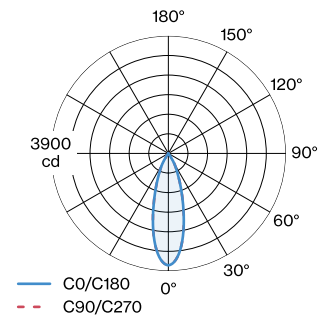
ELECTRICAL

phase-cut dim
220 - 240 V
system 19.3 W
Class 1

PHYSICAL

length 94 mm
width 94 mm
height 80 mm
0.5 kg

LIGHT DISTRIBUTION





CONE DIAGRAM

standard 31°

h (m)	E0° (lx)	ø (m)
1	3710	0.55
2	930	1.11
3	410	1.66
4	230	2.22
5	150	2.77

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.

OPTICAL ACCESSORIES

Honeycomb Louver

Type

BLIEK PETIT | CENO | LECA | PIRRO

Colour

Black

Ø (MM)

29

Item number

90051131