



PROJECT

TYPE

NOTES

QUANTITY

DATE



Rectangular ceiling surface mounted downlight made from die-cast aluminium; housing White Matt powder coated; matt texture; with reflector in Gold wet painted; matt smooth; 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 $65^\circ \leq 1500 \text{ cd/m}^2$; 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
White Matt + Gold
RAL 9010 ^a
IP20
Interior
710 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°

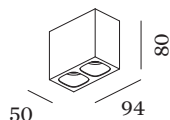
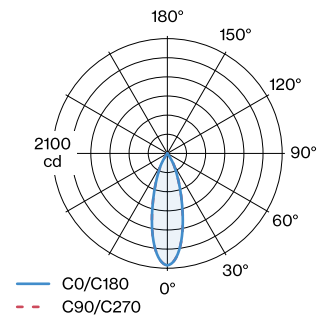
ELECTRICAL

phase-cut dim
220 - 240 V
system 11.0 W
Class 1

PHYSICAL

length 94 mm
width 50 mm
height 80 mm
0.3 kg

LIGHT DISTRIBUTION





CONE DIAGRAM

standard 31°

h (m)	E0° (lx)	Ø (m)
1	2050	0.55
2	510	1.11
3	230	1.66
4	130	2.22
5	80	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.

MOUNTING ACCESSORIES

1.0 Ceiling Base

Type	Colour	L·W·H (MM)	Item number
PIRRO SYSTEM	White	754·51·12	90052072
PIRRO SYSTEM	Black	754·51·12	90052073
PIRRO SYSTEM	Gold	754·51·12	90052074

2.0 Ceiling Base

Type	Colour	L·W·H (MM)	Item number
PIRRO SYSTEM	White	1150·51·12	90052075
PIRRO SYSTEM	Black	1150·51·12	90052076
PIRRO SYSTEM	Gold	1150·51·12	90052077

OPTICAL ACCESSORIES

Honeycomb Louver

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