



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 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 _____
 White Matt + Black Matt _____
 IP20 _____
 Interior _____
 1290 lm _____
 CIE flux code: 99 100 100 100 _____
 100 _____

LED

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

OPTICAL

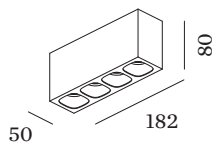
Standard _____
 beam angle 32° _____

ELECTRICAL

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

PHYSICAL

length 182 mm _____
 width 50 mm _____
 height 80 mm _____
 0.48 kg _____



[151464E3] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.



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

$$MF = LMF \times RSMF \times LLMF \times LSF$$

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