



**PROJECT**

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**TYPE**

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**NOTES**

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**QUANTITY**

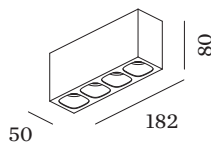
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**DATE**

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Rectangular ceiling surface mounted downlight made from die-cast aluminium; housing Black 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 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; degree of protection IP20; Class 1; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500$  cd/m<sup>2</sup>; 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 + Gold \_\_\_\_\_  
 RAL 9005 <sup>a</sup> \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 1520 lm \_\_\_\_\_  
 CIE flux code: 99 100 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 L70 / 55000h \_\_\_\_\_  
 initial MacAdam  $\leq 2$  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 \_\_\_\_\_

<sup>a</sup> Colour may deviate slightly due to production conditions.

[151464K5] 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<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor

LLMF Lamp Lumens Maintenance Factor

LSF Lamp Survival Factor

<sup>a</sup>According 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