



**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



Squared 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 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  $65^\circ \leq 1500 \text{ cd/m}^2$ ; 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 <sup>a</sup>  
IP20  
Interior  
385 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  $32^\circ$

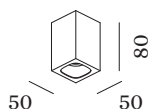
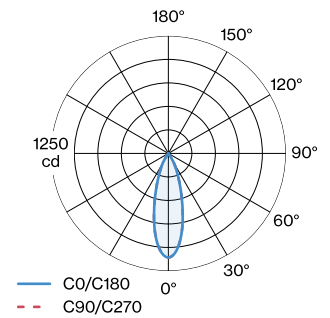
**ELECTRICAL**

phase-cut dim  
220 - 240 V  
system 5.5 W  
Class 1

**PHYSICAL**

length 50 mm  
width 50 mm  
height 80 mm  
0.2 kg

**LIGHT DISTRIBUTION**





## CONE DIAGRAM

standard 31°

h (m)	E0° (lx)	ø (m)
1	1110	0.55
2	280	1.11
3	120	1.66
4	70	2.22
5	40	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<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.

## OPTICAL ACCESSORIES

### Honeycomb Louver

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