



**PROJECT**

**TYPE**

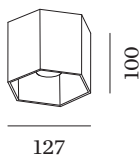
**NOTES**

**QUANTITY**

**DATE**



Hexagonal ceiling surface mounted downlight made from die-cast aluminium; surface Copper Brushed; No matching RAL; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K;  $\leq 3$  SDCM (initial MacAdam); CRI  $\geq 90$ ; 220 - 240 V; degree of protection IP20; Class 1; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; optional single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



**LUMINAIRE**

Ceiling  
Surface  
Copper Brushed  
No matching RAL  
IP20  
Interior  
590 lm

**LED Module**

2700 K  
CRI  $\geq 90$   
L70 / 50000h  
 $\leq 3$  SDCM (initial MacAdam)  
730 lm  
91 lm/W<sup>a</sup>

**Optical**

Medium (standard)  
beam angle  $21^\circ$   
UGR  $\leq 13$   
CIE flux code: 93 99 100 100  
 $\geq 65^\circ < 1500 \text{ cd/m}^2$

**Electrical**

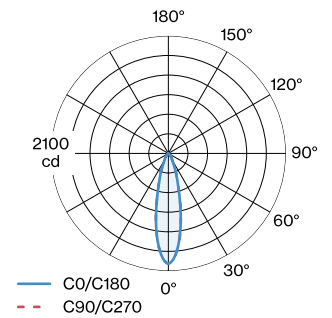
phase-cut dim  
220 - 240 V  
system 8.1 W  
Class I  
Standard

**Physical**

diameter 127 mm  
height 100 mm  
0.72 kg

<sup>a</sup> Without electrical and optical losses

**LIGHT DISTRIBUTION**





## Maintenance Factor

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0      | 0      | 0      | 0      | 0      |
| 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

### Single Inner Cover

| Type            | Colour | Voltage | L·W·H (MM) | Item number |
|-----------------|--------|---------|------------|-------------|
| HEXO   max. 10W | Black  |         | 77.4-67-54 | 911031B1    |
| HEXO   max. 10W | Gold   |         | 77.4-67-54 | 911031G1    |
| HEXO   max. 10W | White  |         | 77.4-67-54 | 911031W1    |