



PROJECT

---

TYPE

---

NOTES

---

QUANTITY

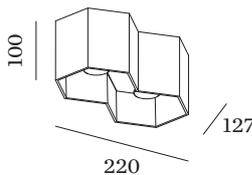
---

DATE

---



Hexagonal ceiling surface mounted downlight made from die-cast aluminium; surface Copper; wet painted; brushed; No matching RAL; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2000 - 3000 K colour warm dimming;  $\leq 3$  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; control gear replaceable by end-user;



**LUMINAIRE**

Ceiling  
 Surface  
 Copper  
 No matching RAL  
 IP20  
 Interior  
 820 lm

**LED Module**

colour warm dimming  
 2000 - 3000 K  
 CRI  $\geq 90$   
 L70 / 50000h  
 $\leq 3$  SDCM (initial MacAdam)  
 1090 lm  
 90 lm/W <sup>a</sup>

**Optical**

Medium (standard)  
 beam angle  $21^\circ$   
 CIE flux code: 92 99 100 100  
 100

**Electrical**

phase-cut dim  
 220 - 240 V  
 system 14.3 W  
 Class I  
 Standard

**Physical**

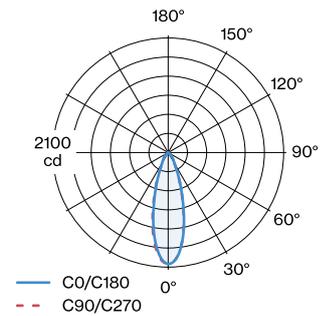
length 220 mm  
 width 127 mm  
 height 100 mm  
 1.13 kg

**datasheet.quicksum.material**

Aluminium

<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	0.95	0.91	0.86	0.82	0.77
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.

## 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