

# HEX-O 1000

suspended group  
073-637163XP



Project / Type

Notes

Count / Date



Hexagonal light fitting from aluminium profile; seamlessly welded; surface special colours powder coated; pendant fitting with 1500mm cable suspension (1 cable); height adjustment without tools; canopy with 2 cable openings and plug-in terminal for through wiring, incl. feed available as an accessory; suitable for group installation; including rear rail for alignment of the housings; can be combined with all HEX-O ceiling and TRIG-O ceiling luminaires and acoustic elements; highly reflective coating for improved efficiency; microprismatic PMMA cover; completely homogeneous illumination; same luminance for all size versions; UGR  $\leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  cd/m<sup>2</sup>; light colour 4000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



### General

Ceiling | Suspended

special colours

IP20

8320 lm

### LED

4000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.72 | MDER 0.66

### Optical

Microprismatic | microprismatic

UGR  $\leq 19$  |  $\geq 65^\circ$   $< 3000$  cd/m<sup>2</sup>

PstLM  $\leq 1.0$ <sup>1</sup> | SVM  $\leq 0.4$ <sup>1</sup>

### Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 68 W

system 122 lm/W<sup>2</sup>

### Physical

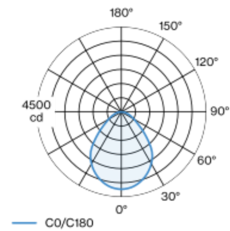
cable 1500 mm (min. 500 mm)

length 1000 mm | width 866 mm | height 100 mm

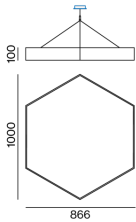
17 kg

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Light distribution



### Product drawing



### Installation instructions



### Lighting calculator



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire 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.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

## Electrical accessories

### CANOPY / FEEDER CABLE

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
pure white	135	005-2232417
jet black	135	005-2232418

