

# HEX-O 500

suspended single  
073-6251637P

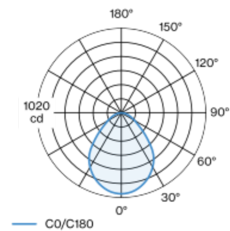


Project / Type
Notes
Count / Date

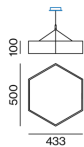


Hexagonal light fitting from aluminium profile; seamlessly welded; surface white powder coated; pendant fitting with 1500mm cable suspension (3 cables); height adjustment without tools; incl. feed (white); suitable for single installation; highly reflective coating for improved efficiency; microprismatic 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  $65^\circ \leq 3000 \text{ cd/m}^2$ ; light colour 4000 K; binning initial MacAdam  $\leq 3 \text{ SDCM}$ ; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; canopy with 2 cable openings and plug-in terminal for through wiring; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; sound absorbing HEX-O ABSORBER available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling , Suspended
white , RAL 9010 <sup>1</sup>
IP20
1980 lm

## LED

4000 K
CRI $\geq 80$
L90 / 50000 h
initial MacAdam $\leq 3 \text{ SDCM}$
MR 0.72
MDER 0.66

## Optical

Microprismatic
microprismatic
UGR $< 19$ , $\geq 65^\circ < 3000 \text{ cd/m}^2$
PstLM $\leq 1.0$ <sup>2</sup>
SVM $\leq 0.4$ <sup>2</sup>

## Electrical

DALI-2
220-240 V
system 16.3 W
system 121 lm/W <sup>3</sup>
PC1
1 DALI Addr.

## Physical

cable 1500 mm (min. 500 mm)
length 500 mm
width 433 mm
height 100 mm
5.5 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## 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 Faktor	

<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	24
B13	31
B16	38
B20	48
C10	40
C13	56
C16	64
C20	80

## Acoustic accessories

### HEX-O ABSORBER 750

COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
marble grey	750-650-237	073-691640D
felt grey	750-650-237	073-691640G
black	750-650-237	073-691640L
white	750-650-237	073-691640W
acoustic special colours	750-650-237	073-691640X

