

# HEX-O 500

suspended single  
073-6251537P

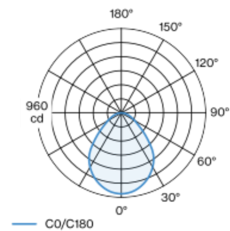


Project / Type	
Notes	
Count / Date	

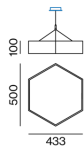


Hexagonal light fitting from aluminium profile; seamlessly welded; surface white powder coated; pendant fitting with 1500mm cable suspension (3 cables); height adjustment without tools; incl. feed (white); suitable for single installation; highly reflective coating for improved efficiency; microprismatic 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 3000 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  
1870 lm

### LED

3000 K  
CRI  $\geq 80$   
L90 / 50000 h  
initial MacAdam  $\leq 3 \text{ SDCM}$   
MR 0.54  
MDER 0.49

### Optical

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

### Electrical

DALI-2  
220-240 V  
system 16.3 W  
system 115 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

