

# HEX-O 500

suspended group  
073-63515370

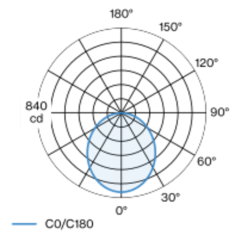


Project / Type
Notes
Count / Date

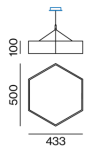


Hexagonal light fitting from aluminium profile; seamlessly welded; surface white powder coated; pendant fitting with 1500mm cable suspension (1 cable); height adjustment without tools; canopy with 2 cable openings and plug-in terminal for through wiring, incl. feed available as an accessory; suitable 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; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; light colour 3000 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; 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
2080 lm

### LED

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

### Optical

Opal
opal (lambertsch)
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 128 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> 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 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	24
B13	31
B16	38
B20	48
C10	40
C13	56
C16	64
C20	80

## Electrical accessories

### CANOPY / FEEDER CABLE

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
5 x 1,5 mm <sup>2</sup>	pure white	135	005-2232417
5 x 1,5 mm <sup>2</sup>	jet black	135	005-2232418



## 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

