

HEX-O 500

suspended single
073-62516370



Project / Type

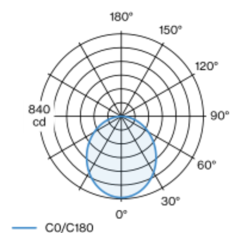
Notes

Count / Date

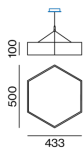


Hexagonal light fitting from aluminium profile; seamlessly welded; surface white powder coated; pendant fitting with 1500mm cable suspension (3 cables); height adjustment without tools; incl. feed (white); suitable for single installation; highly reflective coating for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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 ¹
IP20
2200 lm

LED

4000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.72
MDER 0.66

Optical

Opal
opal (lambertsch)
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
220-240 V
system 16.3 W
system 135 lm/W³
PC1
1 DALI Addr.

Physical

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

¹ RAL code ² Value of containing product at full load (undimmed)
³ 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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^a 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

