

# HEX-O 750

suspended group  
073-6361637P



Project / Type \_\_\_\_\_

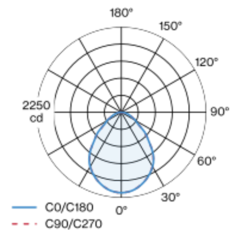
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

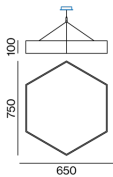


Hexagonal light fitting from aluminium profile; seamlessly welded; surface white powder coated; pendant fitting with 1500mm cable suspension (1 cable); height adjustment without tools; canopy with 2 cable openings and plug-in terminal for through wiring, incl. feed available as an accessory; suitable 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; 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 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; 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 , RAL9010 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

4300 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_

CRI  $\geq 80$  \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

photobio. safety RG 0 - no Risk \_\_\_\_\_

initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

MR 0.72 \_\_\_\_\_

MDER 0.66 \_\_\_\_\_

## Optical

Microprismatic \_\_\_\_\_

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

PstLM  $\leq 1.0$  <sup>2</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_

35 W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

123 lm/W \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

## Physical

cable 1500 mm (min. 500 mm) \_\_\_\_\_

length 750 mm \_\_\_\_\_

width 650 mm \_\_\_\_\_

height 100 mm \_\_\_\_\_

10 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## 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	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

## 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
5 x 1,5 mm <sup>2</sup>	special colours	135	005-223241X



## Acoustic accessories

### HEX-O ABSORBER 1000

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
marble grey	1000-866-237	073-691740D
felt grey	1000-866-237	073-691740G
black	1000-866-237	073-691740L
white	1000-866-237	073-691740W
acoustic special colours	1000-866-237	073-691740X

