

HEX-O 750

suspended single
073-626153XP

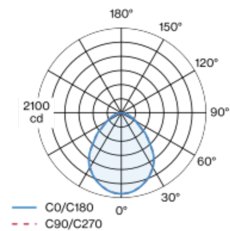


Project / Type	
Notes	
Count / Date	

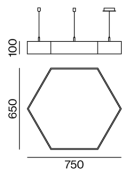


Hexagonal light fitting from aluminium profile; seamlessly welded; surface special colours powder coated; pendant fitting with 1500mm cable suspension (3 cables); height adjustment without tools; incl. feed (white); suitable for single installation; highly reflective coating for improved efficiency; 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 ≥ 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	
special colours	
IP20	
4060 lm	

LED

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

Optical

Microprismatic	
microprismatic	
$UGR \leq 19, \geq 65^\circ < 3000 \text{ cd/m}^2$	
$PstLM \leq 1.0^1$	
$SVM \leq 0.4^1$	

Electrical

DALI-2	
220-240 V	
system 35 W	
system 116 lm/W ²	
PC1	
1 DALI Addr.	

Physical

cable 1500 mm (min. 500 mm)	
length 750 mm	
width 650 mm	
height 100 mm	
10 kg	

¹ Value of containing product at full load (undimmed)
² 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 Factor	

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

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

