

HEX-O 750

suspended single
073-626163XP



Project / Type

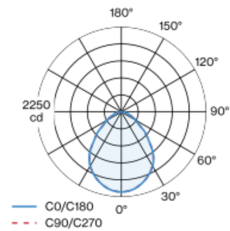
Notes

Count / Date

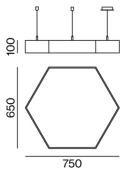


Hexagonal light fitting from aluminium profile; seamlessly welded; surface special colours powder coated; pendant fitting with 1500mm cable suspension (3 cables); height adjustment without tools; incl. feed (white); suitable for single installation; highly reflective coating for improved efficiency; 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 4000 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 220-240V; 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

special colours

IP20

4300 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam $\leq 3 \text{ SDCM}$

MR 0.72

MDER 0.66

Optical

Microprismatic

microprismatic

$UGR < 19, \geq 65^\circ < 3000 \text{ cd/m}^2$

$PstLM \leq 1.0^1$

$SVM \leq 0.4^1$

Electrical

DALI-2

system 35 W

PC1 220-240V

system 123 lm/W²

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. optical losses and the efficiency of the operating device (converter)

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	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

