

HEX-O 1000

suspended single

073-62716380



Project / Type

Notes

Count / Date



General

Ceiling | Suspended

black | RAL 9005 ¹

IP20

9640 lm

LED

4000 K

CRI \geq 80

L90 / 50000 h

initial MacAdam \leq 3 SDCM

MR 0.72 | MDER 0.66

Optical

Opal | opal (lambertsch)

PstLM \leq 1.0 ² | SVM \leq 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 68 W

system 142 lm/W ³

Physical

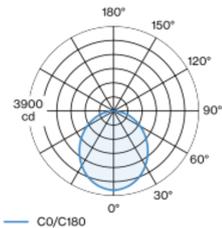
cable 1500 mm (min. 500 mm)

length 1000 mm | width 866 mm | height 100 mm

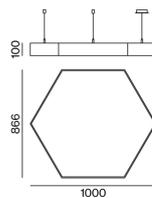
17 kg

Hexagonal light fitting from aluminium profile; seamlessly welded; surface black powder coated; pendant fitting with 1500mm cable suspension (3 cables); height adjustment without tools; incl. feed (black); 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 \leq 3 SDCM; CRI \geq 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; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Installation instructions



Lighting calculator



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

³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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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