

XAL HEX-O 1000 ceiling

073-61715380

PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____

GENERAL

Ceiling _____

Surface _____

black _____

IP20 _____

9110 lm _____

RAL9005 ^a _____

LED

3000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

photobio. safety RG 0 - no Risk _____

OPTICAL

Opal _____

PHYSICAL

length 1000 mm _____

width 866 mm _____

height 100 mm _____

ELECTRICAL

DALI-2 / CLO _____

68 W _____

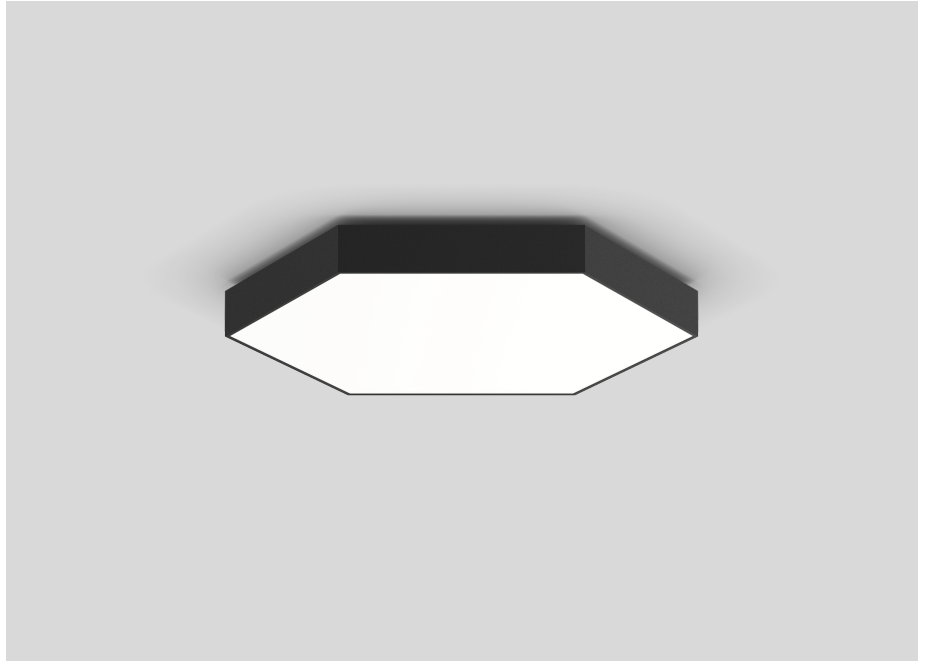
134 lm/W _____

1 DALI Addr. _____

PC1 220-240V _____

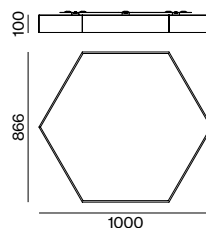
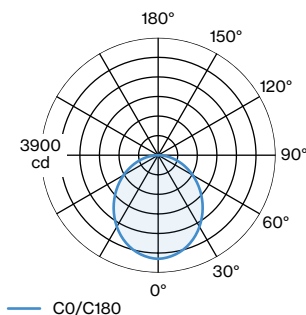
minimum cable length on-site 0.5m _____

^a RAL Palette colors may deviate slightly due to production conditions.



Hexagonal light fitting from aluminium profile; seamlessly welded; surface black powder coated; suitable for ceiling mounting; convenient quick mounting system without tools; suitable for single or group installation; can be combined with all HEX-O ceiling and TRIG-O ceiling luminaires and acoustic elements; highly reflective coating for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; same luminance for all flat luminaires; light colour 3000 K; Binning initial ≤ 3 MacAdam; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; LED light inset incl. heat sink exchangeable; luminaire 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; with CLO function: constant light output over the lifespan; additional energy savings through reduced LED current flow at start;

Light Distribution





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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

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	$LMF \times RSMF \times LLMF \times LSF$	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.