

XAL HEX-O 500 ceiling

073-61515370

PROJECT

TYPE

NOTES

QUANTITY

DATE

GENERAL

Ceiling

Surface

white

IP20

2080 lm

RAL9010^a

LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

OPTICAL

Opal

PHYSICAL

length 500 mm

width 433 mm

height 100 mm

ELECTRICAL

DALI-2 / CLO

16 W

130 lm/W

1 DALI Addr.

PC1 220-240V

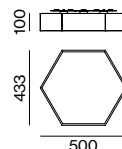
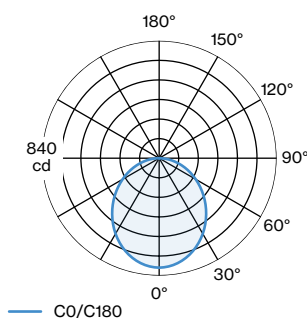
minimum cable length on-site 0.5m

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



Hexagonal light fitting from aluminium profile; seamlessly welded; surface white 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; sound absorbing HEX-O ABSORBER available as an accessory; accessories are listed separately;

Light Distribution



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Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	24
B13	31
B16	38
B20	48
C10	40
C13	56
C16	64
C20	80

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.

Acoustic

HEX-O ABSORBER

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
ABSORBER 750	white	750·650·237	0 7 3 - 6 9 1 6 4 0 7
ABSORBER 750	black	750·650·237	0 7 3 - 6 9 1 6 4 0 8

