

HEX-O

ceiling

Hexagonal luminaires & acoustic elements, suitable for single or group installation; quick mounting system without tools; light housing from extruded aluminium profile, seamlessly welded; surface powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; plug-in terminals for through wiring; acoustic elements: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; acoustic element made of high-quality, recycled PET felt; improvement of room acoustics through absorption and scattering of sound waves

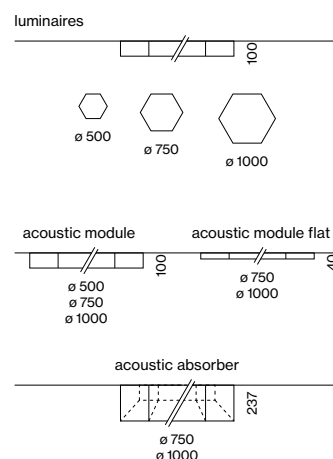
Apparecchi & elementi acustici esagonali, adatti per montaggio singolo e a gruppi; sistema di montaggio rapido senza utensili; corpo illuminante in profilo in alluminio estruso e saldato senza punti di saldatura; verniciatura a polvere; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; morsetto per collegamento continuo; elementi acustici: MODULE nelle dimensioni degli apparecchi, FLAT con altezza ridotta, ABSORBER per combinazioni con altri corpi ed elementi; elementi acustici in feltro prodotto con PET riciclato di alta qualità; miglioramento dell'acustica ambientale grazie ad assorbimento e diffusione del suono

Quickinfo

3000 K, 4000 K
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 3000 \text{ cd/m}^2$
 up to 142 lm/W
 L90 @ 50000 h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

acoustic elements
 up to absorption class A
 available as B-s1, d0

Types



Luminaire colours



Acoustic colours



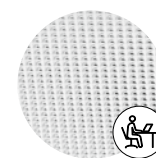
Light distribution



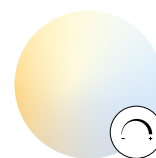
direct



Dii® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500 K

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
special colours p. 992	X

ACOUSTIC COLOUR

○ white	W
● marble grey	D
● felt grey	G
● black	L
special colours p. 992	X

LIGHT OPTIC COVER

opal	O
microprismatic (UGR ≤ 19)	P

Options on request

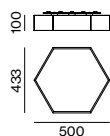
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8



HEX-O 500 ceiling



UGR
≤ 19

cd/m²
≤ 3000

RG0
IEC 62471

DALI
1 ADDR.

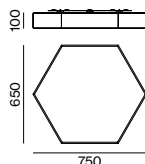
220-240V

X-PERT

X-PERT

SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-61511 3 3 3
	4000K	2290lm	



HEX-O 750 ceiling



UGR
≤ 19

cd/m²
≤ 3000

RG0
IEC 62471

DALI
1 ADDR.

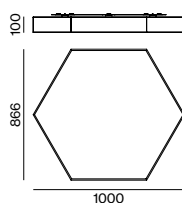
220-240V

X-PERT

X-PERT

SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-61611 3 3 3
	4000K	4960lm	



HEX-O 1000 ceiling



UGR
≤ 19

cd/m²
≤ 3000

RG0
IEC 62471

DALI
2 ADDR.

220-240V

X-PERT

X-PERT

SINGLE AND GROUP MOUNTING

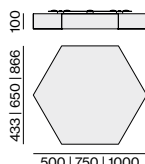
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-61711 3 3 3
	4000K	9640lm	

Acoustic elements

HEX-O MODULE ceiling

SINGLE AND GROUP MOUNTING

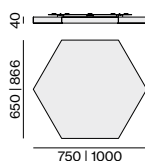
TYPE	ORDER CODE
MODULE 500 ceiling	073-691510
MODULE 750 ceiling	073-691610
MODULE 1000 ceiling	073-691710



HEX-O MODULE FLAT ceiling

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 ceiling	073-691620
MODULE FLAT 1000 ceiling	073-691720



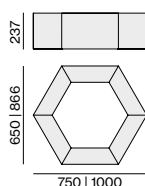
HEX-O ABSORBER

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750





HEX-O

suspended (single mounted)

Hexagonal luminaires & acoustic elements; suitable for single installation; pendant fitting with cable suspension (3 cables); height adjustment without tools; light housing from extruded aluminium profile, seamlessly welded; powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; transparent feed, canopy for through wiring (included); acoustic element made of high-quality, recycled PET felt: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; improvement of room acoustics (absorption & scattering of sound waves)

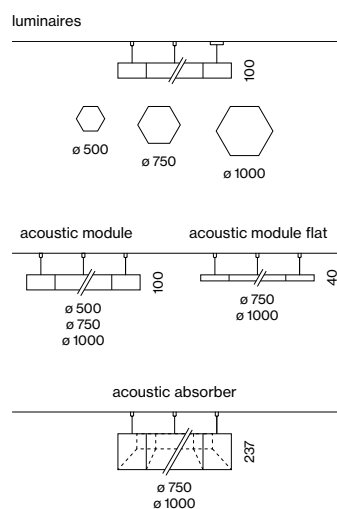
Apparecchi & elementi acustici esagonali; adatti per montaggio singolo; sospeso con cavo a sospensione (3 funi); regolazione altezza senza utensili; corpo illuminante in profilo in alluminio estruso e saldato senza punti di saldatura; verniciatura a polvere; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; cavo di alimentazione trasparente, rosone per cablaggio passante (incluso); elementi acustici in feltro prodotto con PET riciclato di alta qualità: MODULE nelle dimensioni degli apparecchi, FLAT con altezza ridotta, ABSORBER per combinazioni con altri housing; miglioramento dell'acustica ambientale (assorbimento e diffusione del suono)

Quickinfo

3000 K, 4000 K
CRI ≥ 80 , 3 SDCM
UGR ≤ 19 / $65^\circ \leq 3000 \text{ cd/m}^2$
up to 142 lm/W
L90 @ 50 000 h
DALI-2
opal, microprismatic (UGR ≤ 19)

acoustic elements
up to absorption class A
available as B-s1, d0

Types



Luminaire colours



Acoustic colours



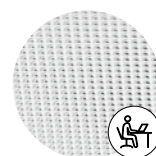
Light distribution



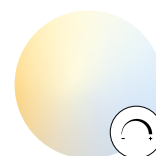
direct



DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500 K

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p.992	X

*canopy in white or black

ACOUSTIC COLOUR

○ white	W
● marble grey	D
● felt grey	G
● black	L
● special colours p.992	X

LIGHT OPTIC COVER

opal	O
microprismatic (UGR ≤ 19)	P

Options on request

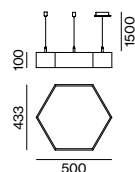
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8



HEX-O 500 suspended



UGR ≤ 19

cd/m² ≤ 3000

RG0 IEC 62471

DALI 1ADDR.

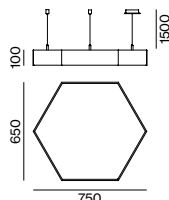
220-240V

X-PERT

X-PERT

SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-62511
	4000K	2290lm	3



HEX-O 750 suspended



UGR ≤ 19

cd/m² ≤ 3000

RG0 IEC 62471

DALI 1ADDR.

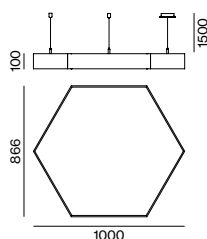
220-240V

X-PERT

X-PERT

SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-62611
	4000K	4960lm	3



HEX-O 1000 suspended



UGR ≤ 19

cd/m² ≤ 3000

RG0 IEC 62471

DALI 1ADDR.

220-240V

X-PERT

X-PERT

SINGLE MOUNTING

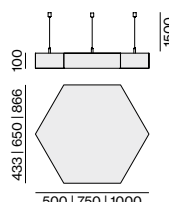
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-62711
	4000K	9640lm	3

Acoustic elements

HEX-O MODULE suspended

SINGLE MOUNTING

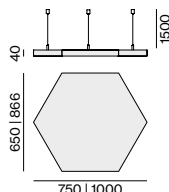
TYPE	ORDER CODE
MODULE 500 suspended	073-692510
MODULE 750 suspended	073-692610
MODULE 1000 suspended	073-692710



HEX-O MODULE FLAT suspended

SINGLE MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	073-692620
MODULE FLAT 1000 suspended	073-692720



HEX-O ABSORBER

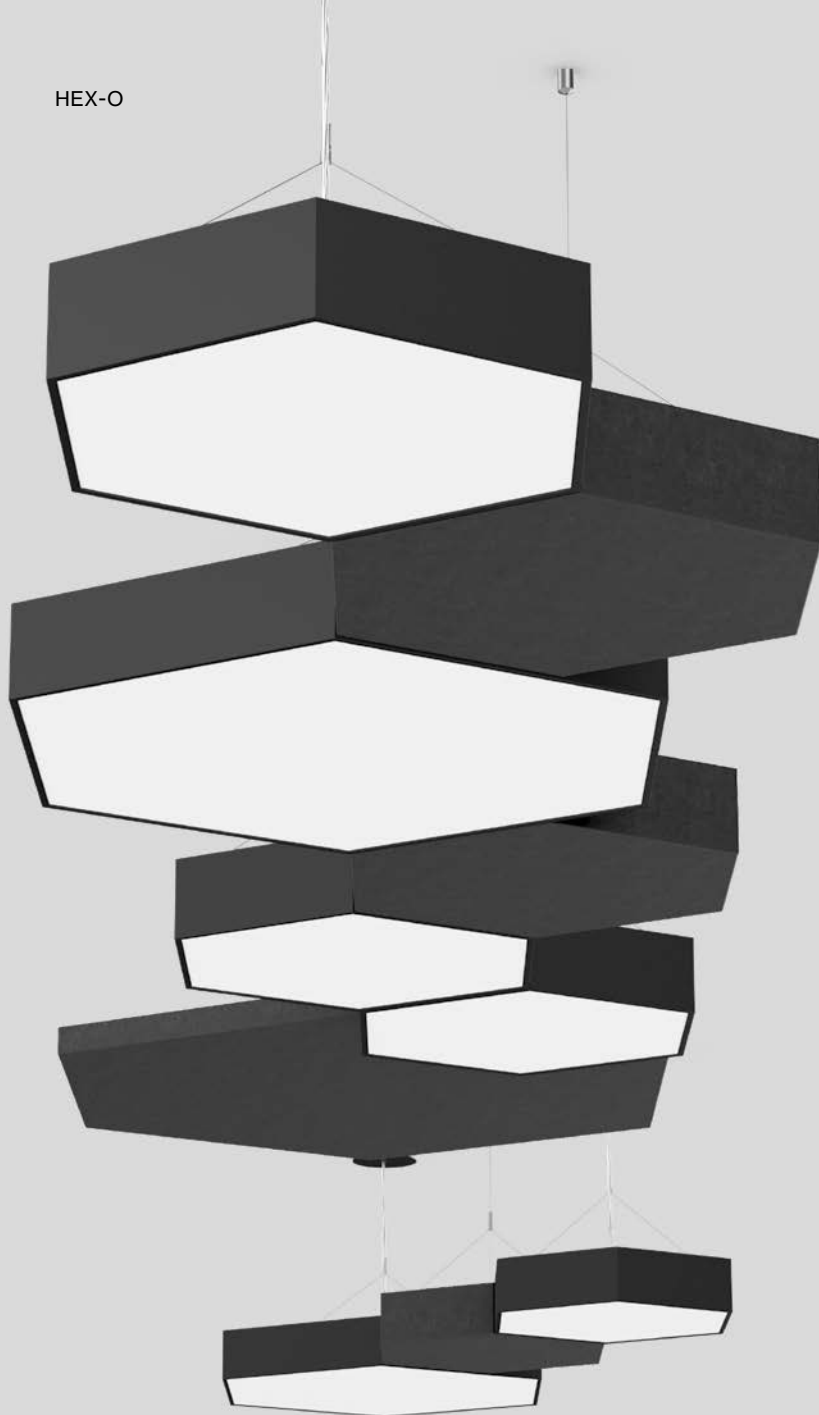
SINGLE MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



HEX-O

suspended (group mounted)

EN Hexagonal luminaires & acoustic elements; suitable for group installation; pendant fitting with cable suspension (1 cable); height adjustment without tools; rear rail for alignment; light housing from extruded aluminium profile, seamlessly welded; powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; transparent feed, canopy for through wiring (separately available); acoustic element made of high-quality, recycled PET felt: **MODULE** in the luminaires' dimensions, **FLAT** with reduced height, **ABSORBER** to combine with other housings; improvement of room acoustics (absorption & scattering of sound waves)

IT Apparecchi & elementi acustici esagonali; adatti per montaggio a gruppi; sospeso con cavo a sospensione (1 fune); regolazione altezza senza utensili; guida posteriore per l'allineamento; corpo illuminante in profilo in alluminio estruso e saldato senza punti di saldatura; verniciatura a polvere; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; cavo di alimentazione trasparente, rosone per cablaggio passante (da ordinare separatamente); elementi acustici in feltro prodotto con PET riciclato di alta qualità: **MODULE** nelle dimensioni degli apparecchi, **FLAT** con altezza ridotta, **ABSORBER** per combinazioni con altri housing; miglioramento dell'acustica ambientale (assorbimento e diffusione del suono)

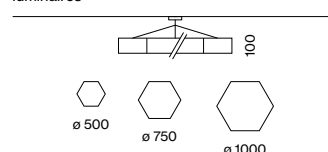
Quickinfo

3000 K, 4000 K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142 lm/W
 L90 @ 50 000 h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

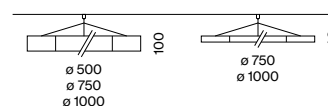
acoustic elements
 up to absorption class A
 🔥 available as B-s1, d0

Types

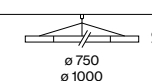
luminaires



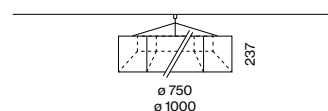
acoustic module



acoustic module flat



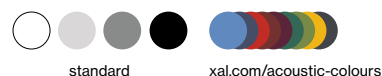
acoustic absorber



Luminaire colours



Acoustic colours



Light distribution

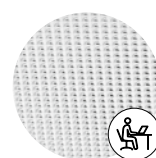


direct

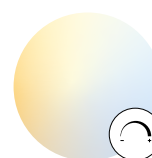


Data Monitoring

DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500 K

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
special colours* p. 992	X

*canopy in white or black;
not for power feeder

ACOUSTIC COLOUR

○ white	W
● marble grey	D
● felt grey	G
● black	L
special colours p. 992	X

LIGHT OPTIC COVER

opal	O
microprismatic (UGR ≤ 19)	P

Options on request

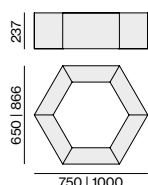
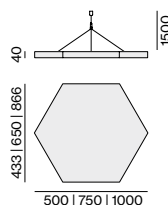
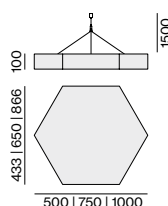
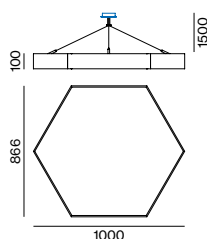
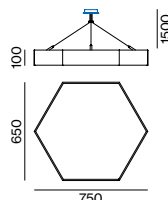
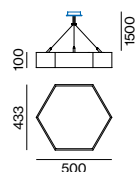
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8



LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

HEX-O 500 suspended



UGR ≤ 19	cd/m ² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	X-PERT	X-PERT
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GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-63511
	4000K	2290lm	3

HEX-O 750 suspended



UGR ≤ 19	cd/m ² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	X-PERT	X-PERT
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GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-63611
	4000K	4960lm	3

HEX-O 1000 suspended



UGR ≤ 19	cd/m ² ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	X-PERT	X-PERT
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GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-63711
	4000K	9640lm	3

Electrical accessories

CANOPY

TYPE	L (mm)	ORDER CODE
canopy / feeder cable 5 × 1.5 mm ²	1500	005-223241

one per group needed; can be placed above luminaires or acoustic elements
for electrical system configuration see luminaire data sheet at xal.com

Acoustic elements

HEX-O MODULE suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE 500 suspended	073-693510
MODULE 750 suspended	073-693610
MODULE 1000 suspended	073-693710

HEX-O MODULE FLAT suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	073-693620
MODULE FLAT 1000 suspended	073-693720

HEX-O ABSORBER

GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750