

HEX-O

ceiling

EN 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

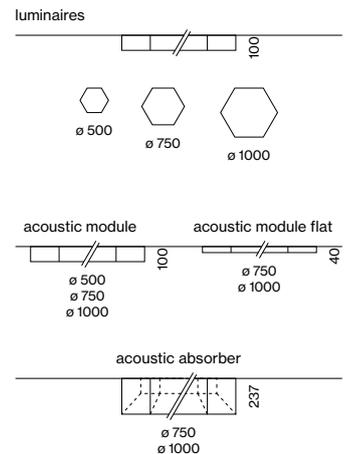
ES Luminarias & elementos acústicos hexagonales aptos para el montaje individual o en grupo; sistema de montaje rápido sin herramientas; cuerpo luminoso de perfil de aluminio extrusionado, sin costuras de soldadura; superficie con recubrimiento de pintura en polvo; luminancia idéntica en todos los tamaños; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; clema de inserción para cableado pasante; elementos acústicos: **MODULE** en las medidas de las luminarias, **FLAT** de altura reducida, **ABSORBER** para la combinación con otros elementos o luminarias; elementos acústicos de fieltro PET reciclado de alta calidad; mejora de la acústica de la sala mediante la absorción y la difusión del sonido

Quickinfo

3000 K, 4000 K
 CRI \geq 80, 3 SDCM
 UGR \leq 19 / $65^\circ \leq$ 3000 cd/m²
 up to 142 lm/W
 L90 @ 50000h
 DALI-2
 opal, microprismatic (UGR \leq 19)

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

Types



Luminaire colours



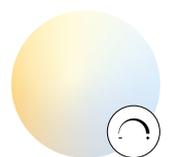
Acoustic colours



Light distribution



DiiA® standards
 251, 252, 253



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	X

ACOUSTIC COLOUR

☐ white	W
● marble grey	D
● felt grey	G
● black	L
☐ special colours	X

LIGHT OPTIC COVER

☐ opal	O
☐ microprismatic (UGR ≤ 19)	P

Options on request

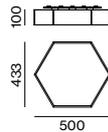
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8

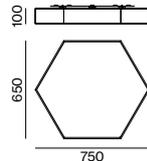


HEX-O 500 ceiling



SINGLE AND GROUP MOUNTING

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

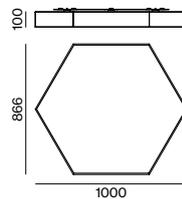


HEX-O 750 ceiling



SINGLE AND GROUP MOUNTING

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



HEX-O 1000 ceiling



SINGLE AND GROUP MOUNTING

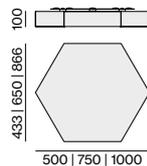
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-61711 ☐☐☐☐
	4000K	9640lm	

Acoustic elements

HEX-O MODULE ceiling

SINGLE AND GROUP MOUNTING

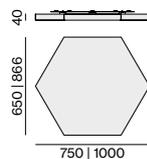
TYPE	ORDER CODE
MODULE 500 ceiling	073-691510 ☐
MODULE 750 ceiling	073-691610 ☐
MODULE 1000 ceiling	073-691710 ☐



HEX-O MODULE FLAT ceiling

SINGLE AND GROUP MOUNTING

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



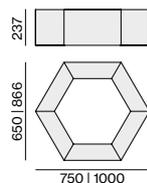
HEX-O ABSORBER

SINGLE AND GROUP MOUNTING

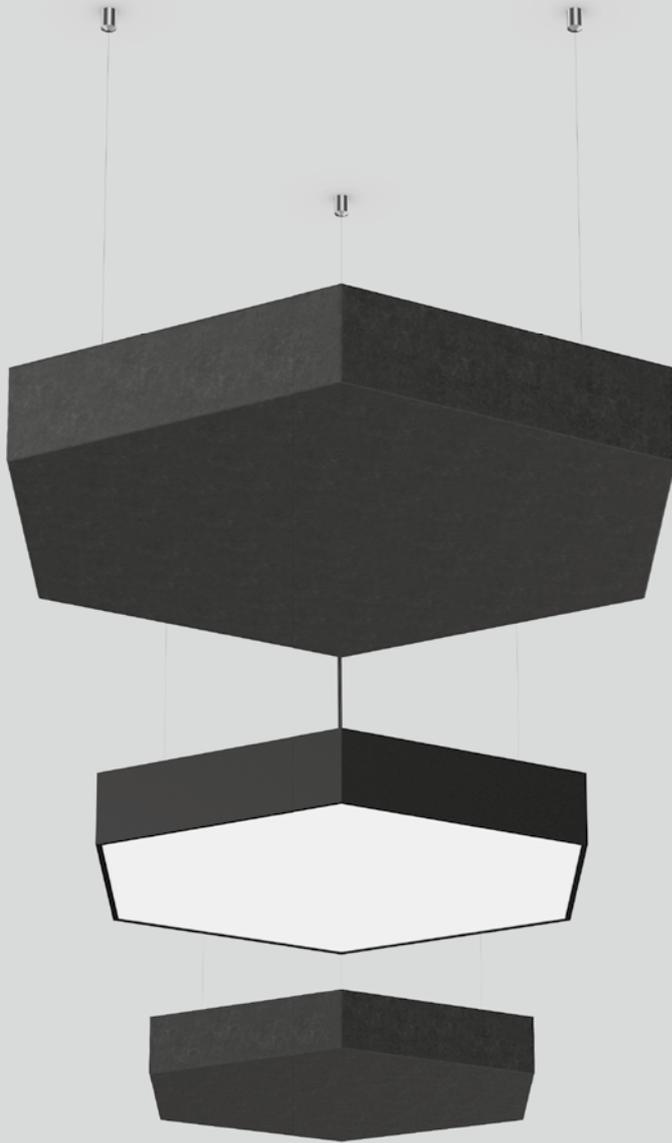
TYPE	ORDER CODE
ABSORBER 750*	073-691640 ☐
ABSORBER 1000**	073-691740 ☐

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

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



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



HEX-O

suspended (single mounted)

EN 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; 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)

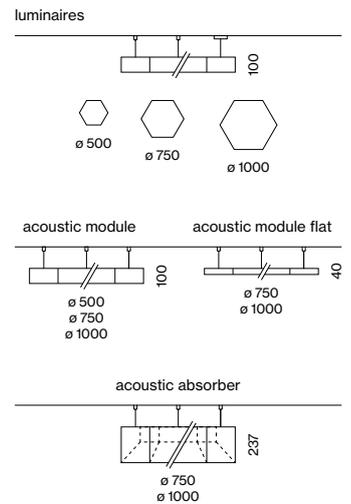
ES Luminarias & elementos acústicos hexagonales; aptos para el montaje individual; suspendido con cable (3 cables); altura regulable sin herramientas; cuerpo luminoso de perfil de aluminio extrusionado, sin costuras de soldadura; recubierto de polvo; luminancia idéntica en todos los tamaños; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; cable de alimentación, baldaquino para cableado pasante (incluido); elementos acústicos de fieltro PET reciclado de alta calidad: MODULE en las medidas de las luminarias, FLAT de altura reducida, ABSORBER para la combinación con otros elementos o luminarias; mejora de la acústica de la sala (absorción y difusión del sonido)

Quickinfo

3000 K, 4000 K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 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



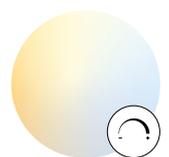
direct



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K

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*	X

*canopy in white or black

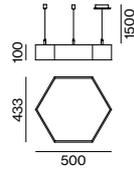
ACOUSTIC COLOUR	■
○ white	W
● marble grey	D
● felt grey	G
● black	L
●●● special colours	X

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	

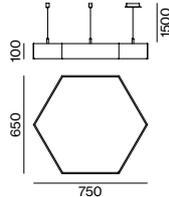


HEX-O 500 suspended



SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-6251
	4000K	2290lm	3 ■ 4 ■

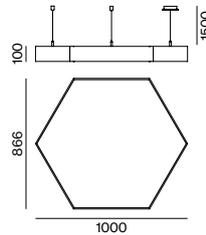


HEX-O 750 suspended



SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-6261
	4000K	4960lm	3 ■ 4 ■

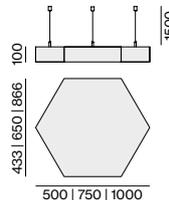


HEX-O 1000 suspended



SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-6271
	4000K	9640lm	3 ■ 4 ■

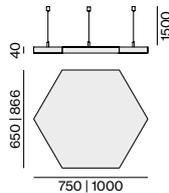


Acoustic elements

HEX-O MODULE suspended

SINGLE MOUNTING

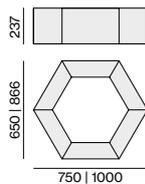
TYPE	ORDER CODE
MODULE 500 suspended	073-692510 ■
MODULE 750 suspended	073-692610 ■
MODULE 1000 suspended	073-692710 ■



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

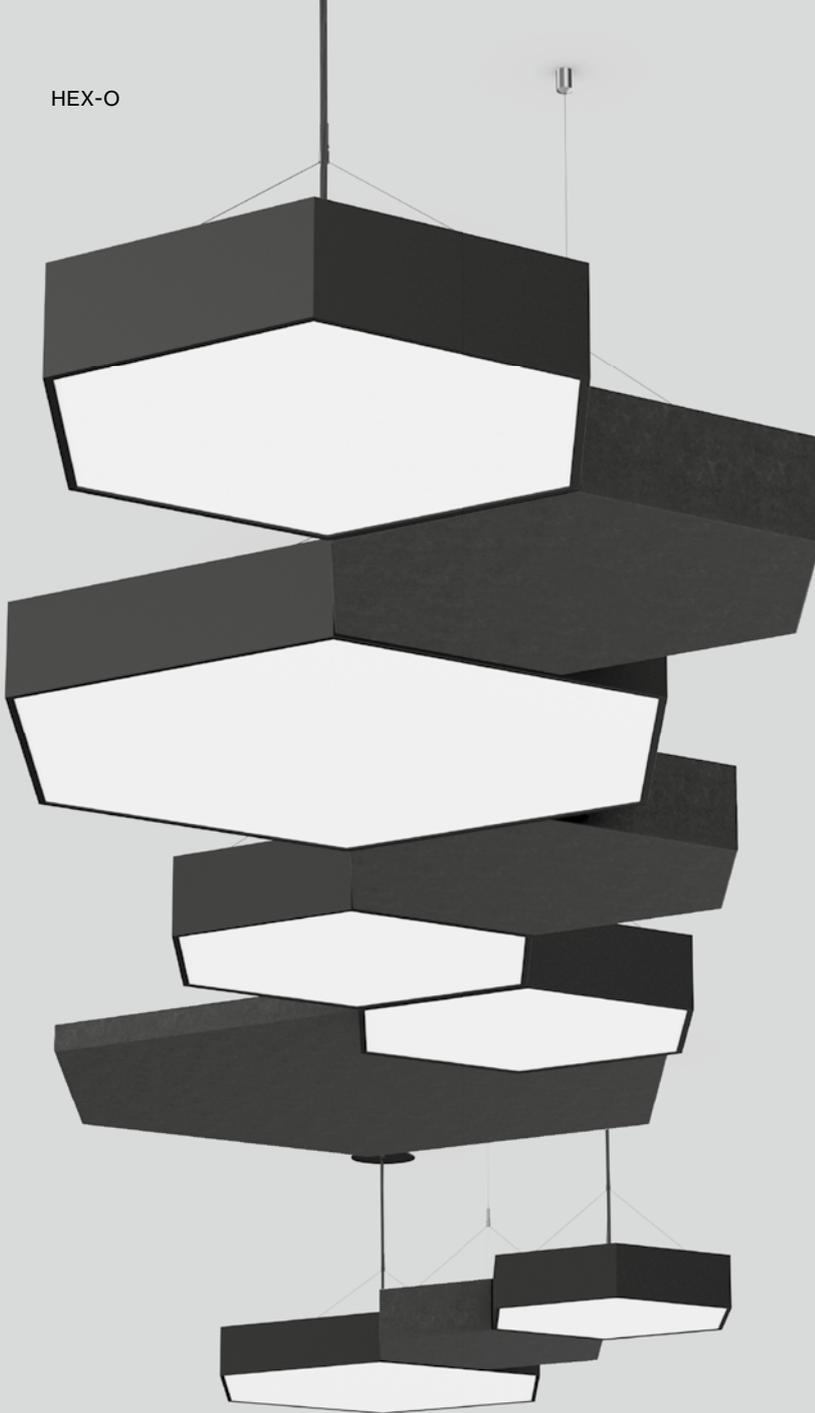
SINGLE MOUNTING

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; 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)

ES Luminarias & elementos acústicos hexagonales; aptos para el montaje en grupo; suspendido con cable (1 cable); altura regulable sin herramientas; carril en parte trasera para alin.; cuerpo luminoso de perfil de aluminio extrusionado, sin costuras de soldadura; recubierto de polvo; luminancia idéntica en todos los tamaños; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; cable de alimentación, baldaquino para cableado pasante (debe encargarse por separado); elementos acústicos de fieltro PET reciclado de alta calidad: MODULE en las medidas de las luminarias, FLAT de altura reducida, ABSORBER para la combinación con otros elementos o luminarias; mejora de la acústica de la sala (absorción y difusión del sonido)

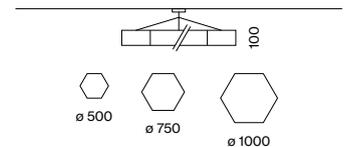
Quickinfo

3000 K, 4000 K
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 3000$ cd/m²
 up to 142 lm/W
 L90 @ 50000h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

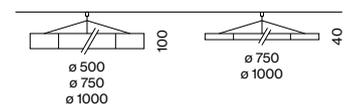
acoustic elements
 up to absorption class A
 🔥 available as B-s1, d0

Types

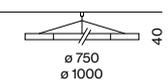
luminaires



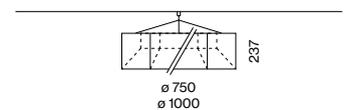
acoustic module



acoustic module flat



acoustic absorber



Luminaire colours



Acoustic colours



Light distribution



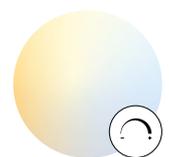
direct



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K

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*	X

*canopy in white or black; not for power feeder

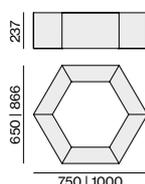
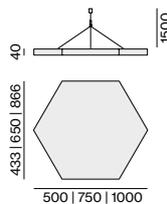
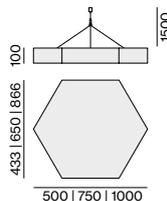
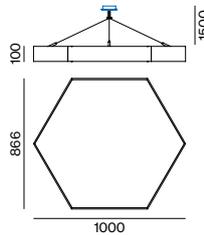
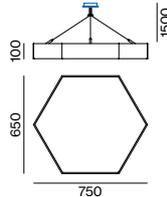
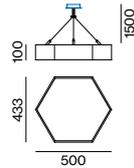
ACOUSTIC COLOUR	■
○ white	W
● marble grey	D
● felt grey	G
● black	L
🌈 special colours	X

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



GROUP MOUNTING

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

HEX-O 750 suspended



GROUP MOUNTING

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

HEX-O 1000 suspended



GROUP MOUNTING

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

Electrical accessories

CANOPY

TYPE	L (mm)	ORDER CODE
canopy/feeder cable 5 × 1.5 mm²	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