

## 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

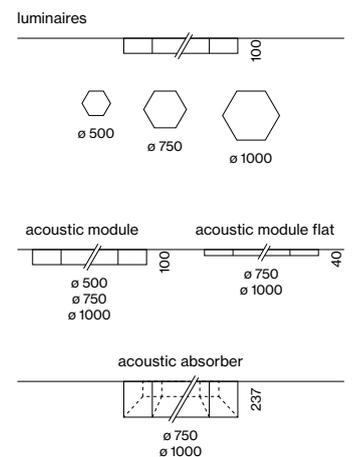
**ES** Luminarias & elementos acústicos hexagonales aptos para el montaje individual o en grupo; sistema de montaje rápido sin herramientas; cuerpo luminoso de perfil de aluminio extrusionado, sin costuras de soldadura; superficie con recubrimiento de pintura en polvo; luminancia idéntica en todos los 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 ≥ 80, 3 SDCM  
 UGR ≤ 19 / 65° ≤ 3000 cd/m<sup>2</sup>  
 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



### Luminaire colours



### Acoustic colours



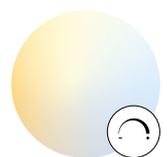
### Light distribution



DiiA® standards  
 251, 252, 253



DIN EN 12464-1  
 UGR ≤ 19



tunable white  
 2700-6500K

## Order options

<b>COLOUR TEMPERATURE</b>	☐☐
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

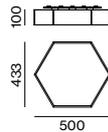
### COLOUR RENDERING INDEX

CRI ≥ 90

### COLOUR TEMPERATURE

tunable white 2700–6500K

DALI-2 DT8

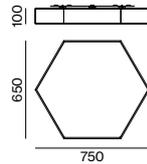


## HEX-O 500 ceiling



### SINGLE AND GROUP MOUNTING

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

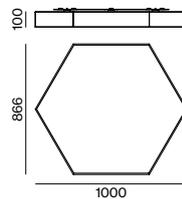


## HEX-O 750 ceiling



### SINGLE AND GROUP MOUNTING

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

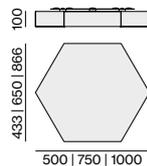


## HEX-O 1000 ceiling



### SINGLE AND GROUP MOUNTING

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

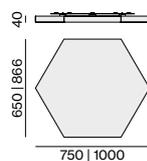


## Acoustic elements

### HEX-O MODULE ceiling

#### SINGLE AND GROUP MOUNTING

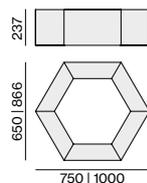
TYPE	ORDER CODE
MODULE 500 ceiling	073-691510 ☐
MODULE 750 ceiling	073-691610 ☐
MODULE 1000 ceiling	073-691710 ☐



### 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

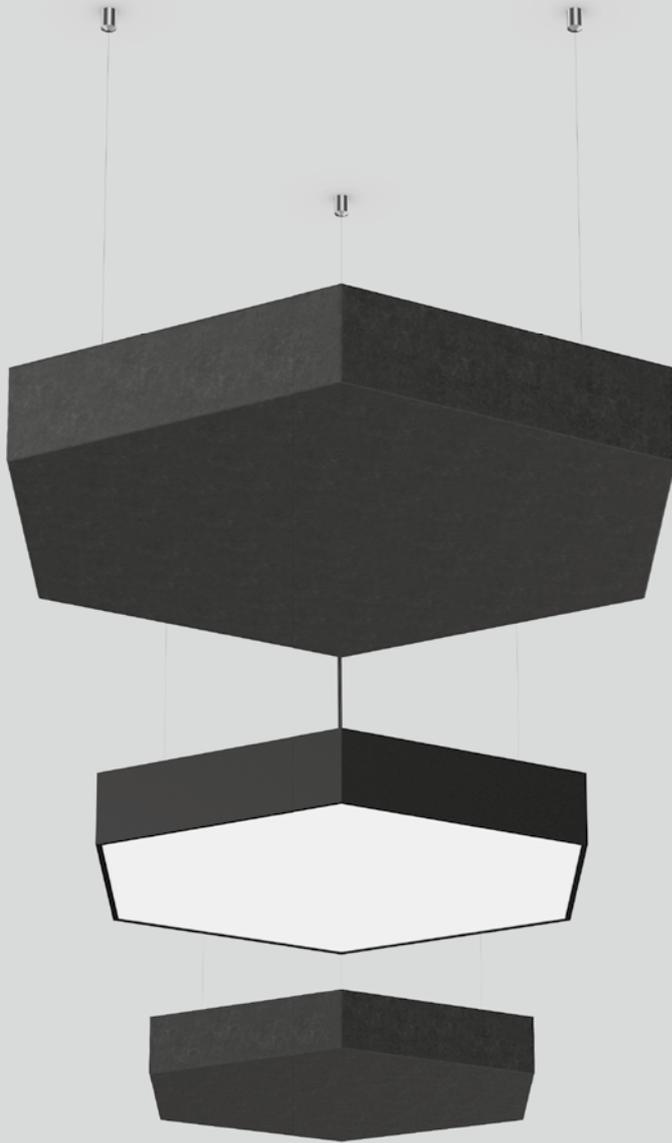
#### SINGLE AND GROUP MOUNTING

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)

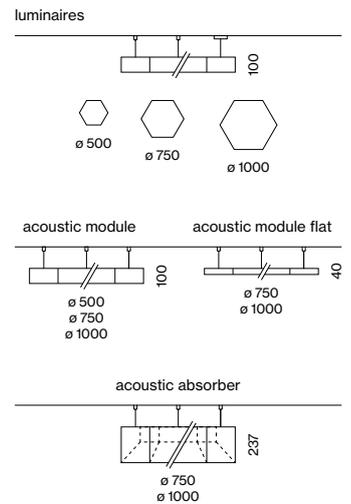
**ES** Luminarias & elementos acústicos hexagonales; aptos para el montaje individual; suspendido con cable (3 cables); altura regulable sin herramientas; cuerpo luminoso de perfil de aluminio extrusionado, sin costuras de soldadura; recubierto de polvo; luminancia idéntica en todos los tamaños; LEDS 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/m<sup>2</sup>  
 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



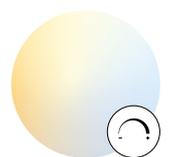
### Light distribution



DiiA® standards  
 251, 252, 253



DIN EN 12464-1  
 UGR ≤ 19



tunable white  
 2700–6500 K

### Order options

<b>COLOUR TEMPERATURE</b>	●●
3000K	5
4000K	6

<b>CONTROL</b>	
DALI-2	

<b>LUMINAIRE COLOUR</b>	■
○ pure white RAL 9010	7
● jet black RAL 9005	8
●●● special colours*	X

\*canopy in white or black

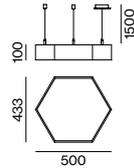
<b>ACOUSTIC COLOUR</b>	■
○ white	W
● marble grey	D
● felt grey	G
● black	L
●●● special colours	X

<b>LIGHT OPTIC COVER</b>	□
opal	O
microprismatic (UGR ≤ 19)	P

### Options on request

<b>COLOUR RENDERING INDEX</b>	
CRI ≥ 90	

<b>COLOUR TEMPERATURE</b>	
tunable white 2700–6500K	
DALI-2 DT8	

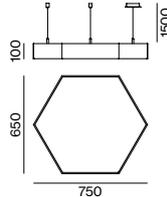


### HEX-O 500 suspended



#### SINGLE MOUNTING

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

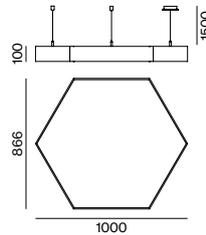


### HEX-O 750 suspended



#### SINGLE MOUNTING

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

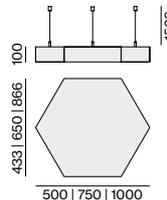


### HEX-O 1000 suspended



#### SINGLE MOUNTING

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

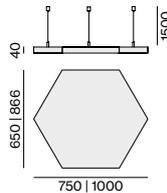


### Acoustic elements

#### HEX-O MODULE suspended

##### SINGLE MOUNTING

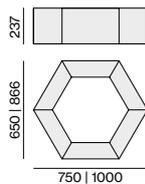
TYPE	ORDER CODE
MODULE 500 suspended	073-692510 ■
MODULE 750 suspended	073-692610 ■
MODULE 1000 suspended	073-692710 ■



#### 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; 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)

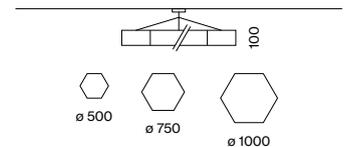
### Quickinfo

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

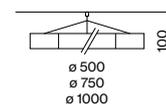
acoustic elements  
 up to absorption class A  
 🔥 available as B-s1, d0

### Types

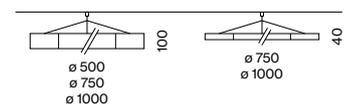
luminaires



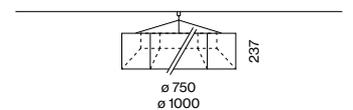
acoustic module



acoustic module flat



acoustic absorber



### Luminaire colours



### Acoustic colours



### Light distribution



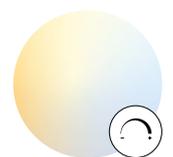
direct



DiiA® standards  
 251, 252, 253



DIN EN 12464-1  
 UGR  $\leq 19$



tunable white  
 2700–6500K

### Order options

<b>COLOUR TEMPERATURE</b>	••
3000K	5
4000K	6

<b>CONTROL</b>	
DALI-2	

<b>LUMINAIRE COLOUR</b>	<input checked="" type="checkbox"/>
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input checked="" type="radio"/> special colours*	X

\*canopy in white or black; not for power feeder

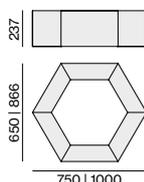
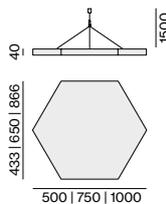
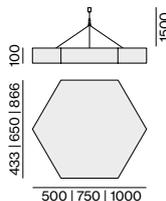
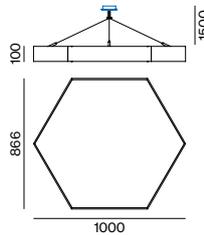
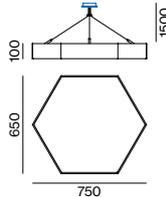
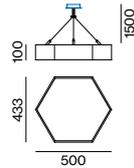
<b>ACOUSTIC COLOUR</b>	<input checked="" type="checkbox"/>
<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> felt grey	G
<input type="radio"/> black	L
<input checked="" type="radio"/> special colours	X

<b>LIGHT OPTIC COVER</b>	<input checked="" type="checkbox"/>
opal	O
microprismatic (UGR ≤ 19)	P

### Options on request

<b>COLOUR RENDERING INDEX</b>	
CRI ≥ 90	

<b>COLOUR TEMPERATURE</b>	
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 <sup>2</sup> ≤ 3000	RG0 IEC 62471	DALI 1ADDR.	220-240V	X-PERT	X-PERT
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#### GROUP MOUNTING

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

### HEX-O 750 suspended

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

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

### HEX-O 1000 suspended

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

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

### Electrical accessories

#### CANOPY

<b>TYPE</b>	<b>L (mm)</b>	<b>ORDER CODE</b>
canopy/feeder cable 5 × 1.5 mm <sup>2</sup>	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

<b>TYPE</b>	<b>ORDER CODE</b>
MODULE 500 suspended	073-693510
MODULE 750 suspended	073-693610
MODULE 1000 suspended	073-693710

#### HEX-O MODULE FLAT suspended

##### GROUP MOUNTING

<b>TYPE</b>	<b>ORDER CODE</b>
MODULE FLAT 750 suspended	073-693620
MODULE FLAT 1000 suspended	073-693720

#### HEX-O ABSORBER

##### GROUP MOUNTING

<b>TYPE</b>	<b>ORDER CODE</b>
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