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

ø 500   ø 750   ø 1000

100

acoustic module   acoustic module flat

ø 500   ø 750
ø 750   ø 1000
ø 1000

100   40

acoustic absorber

ø 750
ø 1000

237

Luminaire colours

standard   xal.com/colours

Acoustic colours

standard   xal.com/acoustic-colours

Light distribution

direct

Data Monitoring

DiiA® standards
251, 252, 253

DIN EN 12464-1   tunable white
UGR ≤ 19   2700 – 6500 K

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
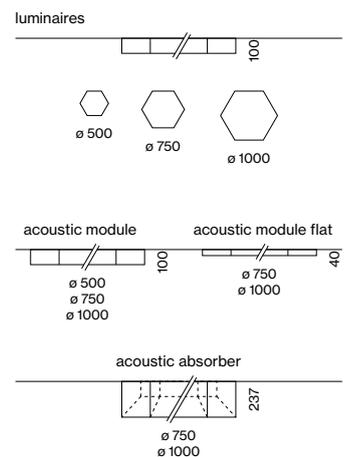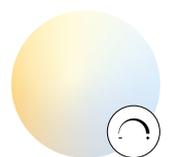
DE Sechseckige Leuchten & Akustikelemente, geeignet für Einzel- und Gruppenmontage; werkzeugloses Schnellmontagesystem; Leuchtenkörper aus Aluminiumstrangpress-profil, nahtlos verschweißt; Oberfläche pulver-beschichtet; gleiche Leuchtdichte bei allen Größenvarianten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Steckklemme für Weiterverdrahtung; Akustikelemente: MODULE in Abmessungen der Leuchten, FLAT mit reduzierter Höhe, ABSORBER zur Kombination mit anderen Körpern; Akustik-elemente aus hochwertigem, recyceltem PET-Filz; Verbesserung der Raumakustik durch Absorption und Schallstreuung

Order options

COLOUR TEMPERATURE
3000 K	5
4000 K	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

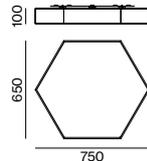### COLOUR TEMPERATURE
tunable white 2700 – 6500 K

DALI-2 DT8

HEX-O 500 ceiling

UGR ≤ 19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	X-PERT

SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3 W	3000 K	2160 lm	0 7 3 - 6 1 5 1 :: 3
	4000 K	2290 lm	

HEX-O 750 ceiling

UGR ≤ 19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	X-PERT
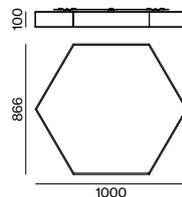
SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35 W	3000 K	4680 lm	0 7 3 - 6 1 6 1 :: 3
	4000 K	4960 lm	

HEX-O 1000 ceiling

UGR ≤ 19	cd/m² ≤3000	RG 0 IEC 62471	DALI 2 ADDR.	220-240V	X-PERT	X-PERT

SINGLE AND GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68 W	3000 K	9110 lm	0 7 3 - 6 1 7 1 :: 3
	4000 K	9640 lm	

Acoustic elements

HEX-O MODULE ceiling

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
MODULE 500 ceiling	0 7 3 - 6 9 1 5 1 0 ■
MODULE 750 ceiling	0 7 3 - 6 9 1 6 1 0 ■
MODULE 1000 ceiling	0 7 3 - 6 9 1 7 1 0 ■
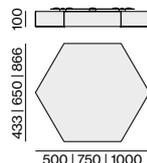
HEX-O MODULE FLAT ceiling

SINGLE AND GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 ceiling	0 7 3 - 6 9 1 6 2 0 ■
MODULE FLAT 1000 ceiling	0 7 3 - 6 9 1 7 2 0 ■
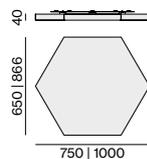
HEX-O ABSORBER

SINGLE AND GROUP MOUNTING
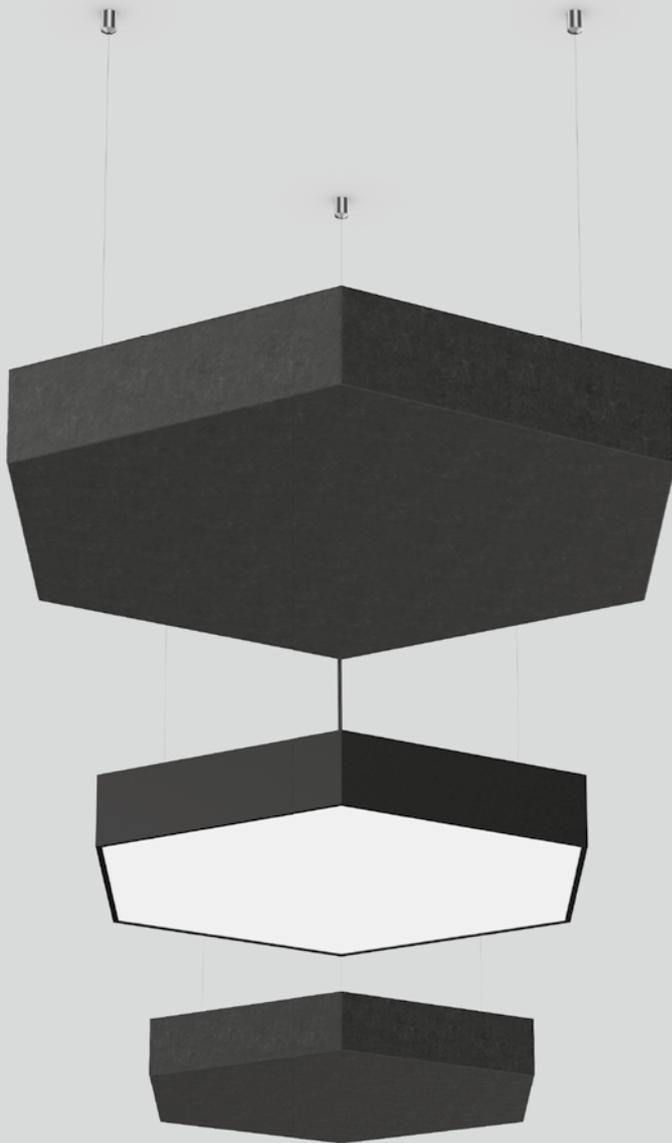
TYPE	ORDER CODE
ABSORBER 750*	0 7 3 - 6 9 1 6 4 0 ■
ABSORBER 1000**	0 7 3 - 6 9 1 7 4 0 ■

*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

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

100

ø 500   ø 750   ø 1000

acoustic module	acoustic module flat
100	40
ø 500	ø 750
ø 750	ø 1000
ø 1000	

acoustic absorber

237

ø 750
ø 1000

Luminaire colours

standard   xal.com/colours

Acoustic colours

standard   xal.com/acoustic-colours

Light distribution

direct

Data
Monitoring

DiiA® standards
251, 252, 253

DIN EN 12464-1
UGR ≤ 19

tunable white
2700 – 6500 K
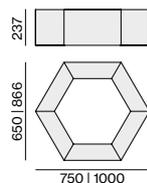
HEX-O

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)
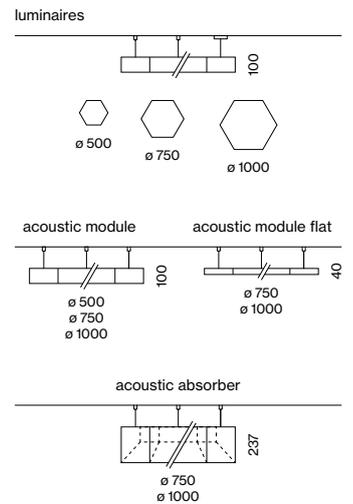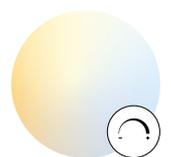
DE Sechseckige Leuchten & Akustikelemente; geeignet für Einzelmontage; abgependelt mit Seilabhängung (3 Seile); werkzeuglose Höhenverstellung; Leuchtenkörper aus Aluminiumstrangpressprofil, nahtlos verschweißt; pulverbeschichtet; gleiche Leuchtdichte bei allen Größenvarianten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Einspeiseleitung, Baldachin für Weiterverdrahtung (inkludiert); Akustikelemente aus hochwertigem, recyceltem PET-Filz: MODULE in Abmessungen der Leuchten, FLAT mit reduzierter Höhe, ABSORBER zur Kombination mit anderen Körpern; Verbesserung der Raumakustik (Absorption & Schallstreuung)

Order options

COLOUR TEMPERATURE
3000 K	5
4000 K	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
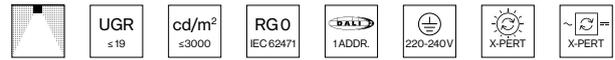|	
opal	O
microprismatic (UGR ≤ 19)	P

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
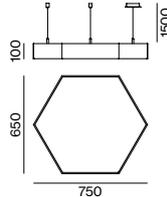tunable white 2700–6500 K

DALI-2 DT8

HEX-O 500 suspended

UGR ≤ 19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	~ X-PERT

SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3 W	3000 K	2160 lm	0 7 3 - 6 2 5 1 :: 3 ▱ ▫
	4000 K	2290 lm	

HEX-O 750 suspended

UGR ≤ 19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	~ X-PERT

SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35 W	3000 K	4680 lm	0 7 3 - 6 2 6 1 :: 3 ▱ ▫
	4000 K	4960 lm	

HEX-O 1000 suspended

UGR ≤ 19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	~ X-PERT
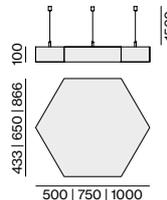
SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68 W	3000 K	9110 lm	0 7 3 - 6 2 7 1 :: 3 ▱ ▫
	4000 K	9640 lm	

Acoustic elements

HEX-O MODULE suspended

SINGLE MOUNTING
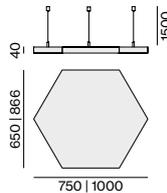
TYPE	ORDER CODE
MODULE 500 suspended	0 7 3 - 6 9 2 5 1 0 ▪
MODULE 750 suspended	0 7 3 - 6 9 2 6 1 0 ▪
MODULE 1000 suspended	0 7 3 - 6 9 2 7 1 0 ▪

HEX-O MODULE FLAT suspended

SINGLE MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	0 7 3 - 6 9 2 6 2 0 ▪
MODULE FLAT 1000 suspended	0 7 3 - 6 9 2 7 2 0 ▪
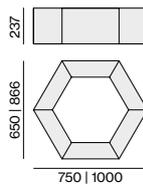
HEX-O ABSORBER

SINGLE MOUNTING
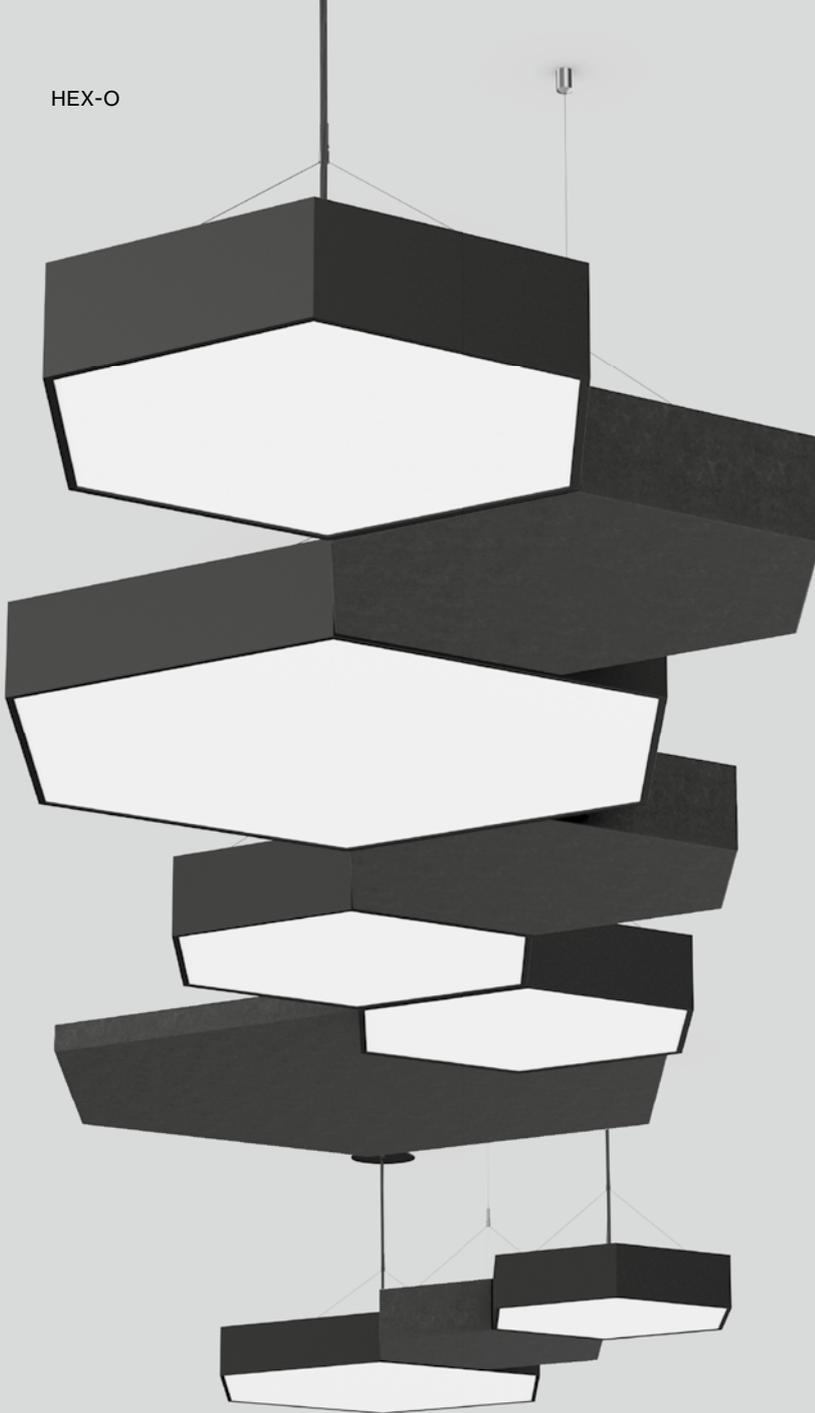
TYPE	ORDER CODE
ABSORBER 750*	0 7 3 - 6 9 1 6 4 0 ▪
ABSORBER 1000**	0 7 3 - 6 9 1 7 4 0 ▪

*only in combination with HEX-O 500 or MODULE 500
**only in combination with HEX-O 750, MODULE 750 or FLAT 750

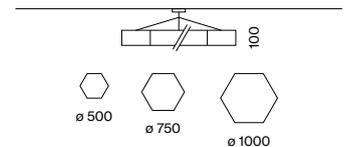**LUMINOUS FLUX** value calculated for CRI ≥ 80, colour white, cover opal

Quickinfo

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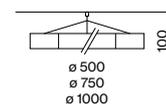L90 @ 50 000 h
DALI-2
opal, microprismatic (UGR ≤ 19)

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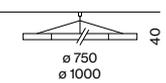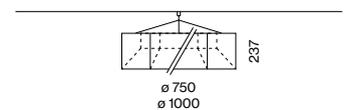up to absorption class A
🔥 available as B-s1, d0

Types

luminaires

100

ø 500   ø 750   ø 1000

acoustic module   acoustic module flat

100   40

ø 500   ø 750
ø 750   ø 1000
ø 1000

acoustic absorber

237

ø 750
ø 1000

Luminaire colours

standard   xal.com/colours

Acoustic colours

standard   xal.com/acoustic-colours

Light distribution

direct

Data
Monitoring

DiiA® standards
251, 252, 253

DIN EN 12464-1   tunable white
UGR ≤ 19   2700–6500 K

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)

DE Sechseckige Leuchten & Akustikelemente; geeignet für Gruppenmontage; abgependelt mit Seilabhängung (1 Seil); werkzeuglose Höhenverstellung; rückseitige Schiene zur Ausrichtung; Leuchtenkörper aus Aluminiumstrangpressprofil, nahtlos verschweißt; pulverbeschichtet; gleiche Leuchtdichte bei allen Größenvarianten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Einspeiseleitung, Baldachin für Weiterverdrahtung (separat zu bestellen); Akustikelemente aus hochwertigem, recyceltem PET-Filz: MODULE in Abmessungen der Leuchten, FLAT mit reduzierter Höhe, ABSORBER zur Kombination mit anderen Körpern; Verbesserung der Raumakustik (Absorption & Schallstreuung)

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	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
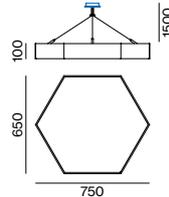
tunable white 2700 – 6500 K

DALI-2 DT8

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

HEX-O 500 suspended

UGR ≤19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	~ X-PERT =

GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3 W	3000 K	2160 lm	0 7 3 - 6 3 5 1 ∷ 3 ◪ ▫
	4000 K	2290 lm	

HEX-O 750 suspended

UGR ≤19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	~ X-PERT =

GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35 W	3000 K	4680 lm	0 7 3 - 6 3 6 1 ∷ 3 ◪ ▫
	4000 K	4960 lm	

HEX-O 1000 suspended

UGR ≤19	cd/m² ≤3000	RG 0 IEC 62471	DALI 1 ADDR.	220-240V	X-PERT	~ X-PERT =
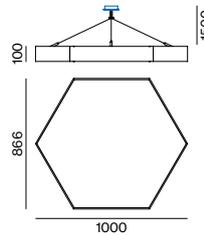
GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68 W	3000 K	9110 lm	0 7 3 - 6 3 7 1 ∷ 3 ◪ ▫
	4000 K	9640 lm	

Electrical accessories

CANOPY

TYPE	L (mm)	ORDER CODE
canopy / feeder cable 5 × 1.5 mm²	1500	0 0 5 - 2 2 3 2 4 1 ◪

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	0 7 3 - 6 9 3 5 1 0 ■
MODULE 750 suspended	0 7 3 - 6 9 3 6 1 0 ■
MODULE 1000 suspended	0 7 3 - 6 9 3 7 1 0 ■

HEX-O MODULE FLAT suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	0 7 3 - 6 9 3 6 2 0 ■
MODULE FLAT 1000 suspended	0 7 3 - 6 9 3 7 2 0 ■
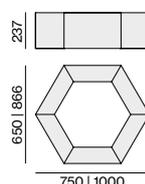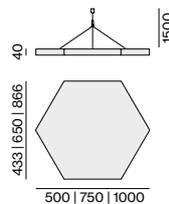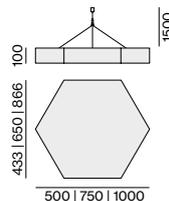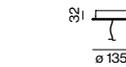
HEX-O ABSORBER

GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	0 7 3 - 6 9 1 6 4 0 ■
ABSORBER 1000**	0 7 3 - 6 9 1 7 4 0 ■

*only in combination with HEX-O 500 or MODULE 500
**only in combination with HEX-O 750, MODULE 750 or FLAT 750