



THORN
LIGHTING

AXYL ECHO

Subtle in presence, bold in versatility



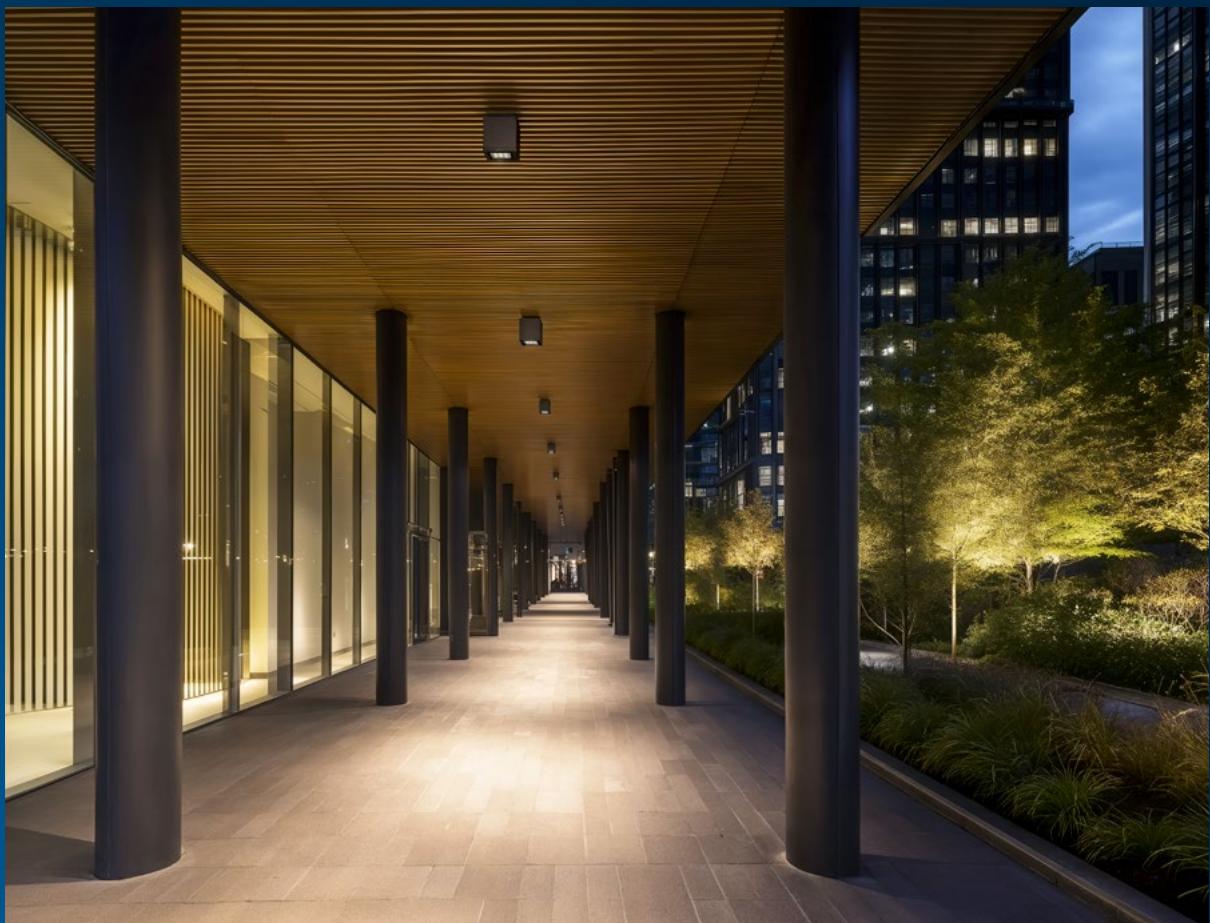
WE
MAKE
LIGHT
WORK

SUBTLE IN PRESENCE, BOLD IN VERSATILITY

Axyl Echo is a series of wall and ceiling mounted luminaires, characterised by a clean, minimalist aesthetic and suitable for indoor and outdoor applications. A choice of three beam angles offer the versatility to create both narrow accents and wider beams of light, and the luminaire is equipped with a tilting optic for even greater flexibility. The comfort optic ensures visual comfort with minimal glare.

The luminaire family includes two sizes for both wall and ceiling mounting, and optics can be tilted by up to 15°, making Axyl Echo an excellent choice for a variety of locations including paths, walkways, building perimeters, canopies and facades.

Both the wall and ceiling versions are supplied with an integrated DALI-2 driver for the medium size. The small size can be specified with either an integrated Non-Dim (On/Off) driver or a remote DALI-2 driver, ordered separately.



AXYL ECHO

FEATURES

SHAPE AND SIZES

Axyl Echo is a square luminaire available in both wall and ceiling mounted variants across two sizes: small or medium.

Small: 110 length x 110 height x 110 mm depth

Medium: 155 length x 155 height x 155 mm depth

LIGHT QUALITY

CRI 90

VISUAL COMFORT

A combination of the latest generation of LEDs and bespoke lenses ensure comfort and visual interest all at once. The tiltable light engine ensures glare is minimised.

CONTROLLABILITY

Small size: available as Non-Dim (On/Off), or DALI-2 controls with remote driver.

Medium size: DALI2 integrated driver.

DURABILITY

Cesar Echo is rated IK06 and IP65.

Corrosion class C3.

HOUSING COLOUR

Available in White (R9016), Black (R9005), Light Grey (R9006) and Anthracite Grey (G9005)

WIRING

Supplied with one single cable entry and grommet.

TECHNICAL DESCRIPTION

Die-cast aluminium housing with high corrosion resistance. Fixing accessories included (screws, IP ring, anchor). Stainless steel Allen screws with insulating treatment against galvanic corrosion. Clear toughened glass diffuser. Silicone gaskets. Double powder paint process for superb fixture finish. 3 SDCM. Electrical Class III (Small size with remote driver) or Class I (Small size with integrated driver, or Medium size). ULOR 0. Risk Class RG1.

Operating ambient temperature

-20 °C to 40 °C. Lifetime 70,000 hrs L80 B10 25°C.

CERTIFICATION



ACCESSORIES

ORDERING CODE: 96700028

(GB IP67 20 W 230 V 250-700 CL2 HFX)

POWER SUPPLY 230 V / 250 mA – 700 mA, DALI DIMMABLE IN BOX.

IP67, 20 W, Class II.

Dimensions: 175.5 mm x 86.5 mm x 43 mm.

Will operate up to two Small size luminaires, ceiling or wall version.

Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature -20 °C to 50 °C. Built-in surge protection (kV) L/N-PE: 2 kV.



PHOTOMETRIC SUMMARY

Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Small	927 (2700 K)	13° (Narrow Beam)	464	5.8	7.7	60.26
	930 (3000 K)		506			65.71
	940 (4000 K)		548			71.17
	927 (2700 K)	33° (Medium Beam)	421			54.68
	930 (3000 K)		459			59.61
	940 (4000 K)		497			64.55
	927 (2700 K)	56° (Wide Beam)	347			45.06
	930 (3000 K)		378			49.04
	940 (4000 K)		409			53.12
Medium	927 (2700 K)	13° (Narrow Beam)	1436	18.3	20.8	69.04
	930 (3000 K)		1567			75.34
	940 (4000 K)		1697			81.59
	927 (2700 K)	34° (Medium Beam)	1293			62.16
	930 (3000 K)		1411			67.84
	940 (4000 K)		1528			73.46
	927 (2700 K)	58° (Wide Beam)	1068			51.35
	930 (3000 K)		1165			56.01
	940 (4000 K)		1262			60.67

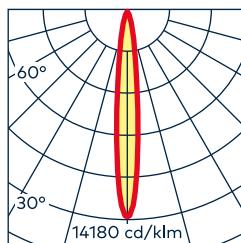
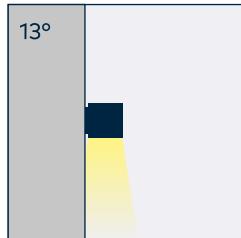
AXYL ECHO

WALL MOUNTED

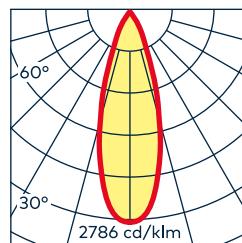
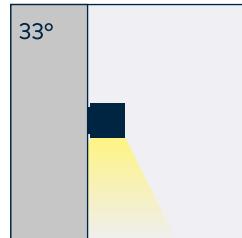
SMALL



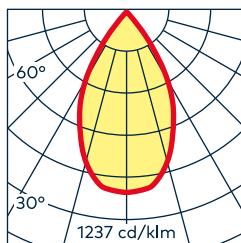
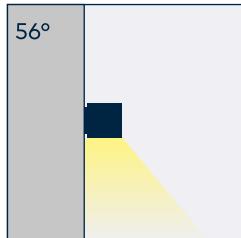
NARROW BEAM



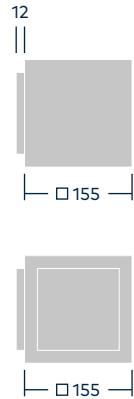
MEDIUM BEAM



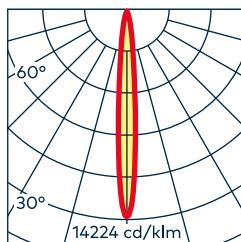
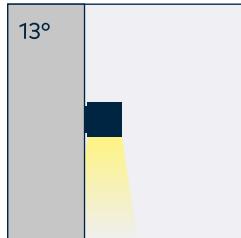
WIDE BEAM



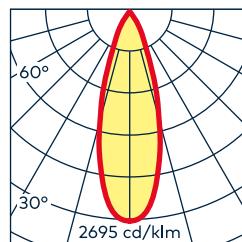
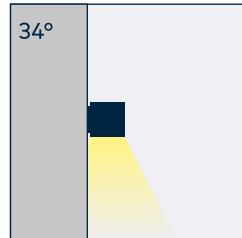
MEDIUM



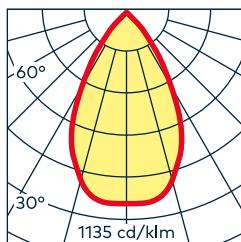
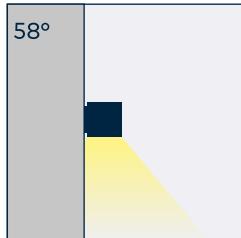
NARROW BEAM



MEDIUM BEAM



WIDE BEAM

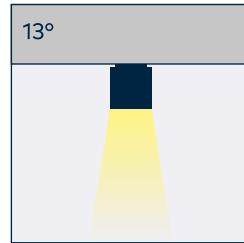


CEILING MOUNTED

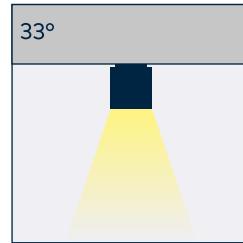
SMALL



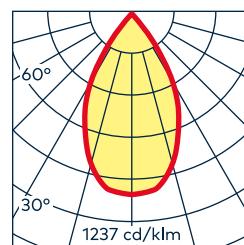
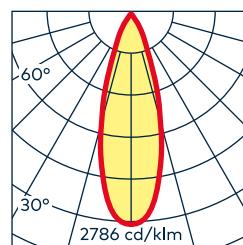
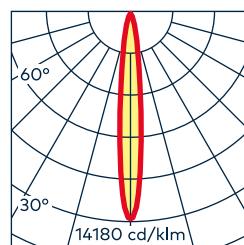
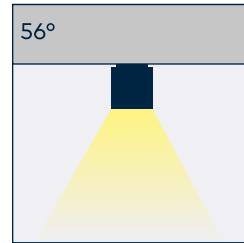
NARROW BEAM



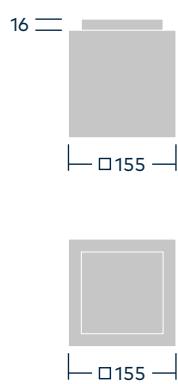
MEDIUM BEAM



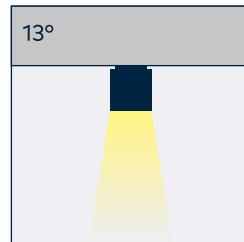
WIDE BEAM



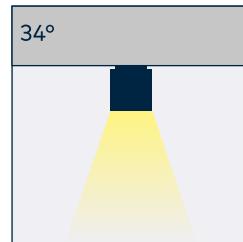
MEDIUM



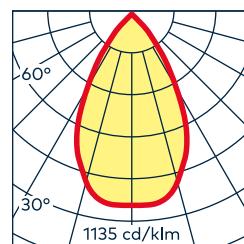
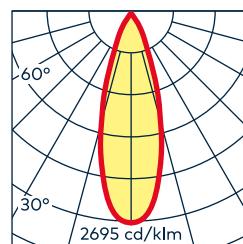
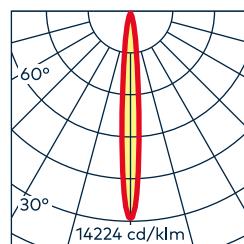
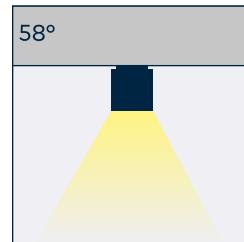
NARROW BEAM



MEDIUM BEAM



WIDE BEAM



BUILD YOUR PRODUCT

AXYL ECHO

WALL MOUNTED

Product	Size (Shape)	LED	Colour temp	Optic	Control	Body colour
Axyl Echo	110 (L) x 110 (H) x 110 mm (D)	S LED Module 4 LEDs	4L CRI 90 2700 K	927 Narrow Beam	NB Non-Dim	HF White WH
	155 (L) x 155 (H) x 155 mm (D)	M LED Module 9 LEDs	9L CRI 90 3000 K	930 Medium Beam	MB DALI-2	HFX Black BK
				940 Wide Beam	WB Remote DALI-2*	RD Light Grey GY
						Anthracite Grey ANT

EXAMPLE PRODUCT DESCRIPTION

Axyl Echo	S	4L	930	NB	RD	ANT
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* Note: IF RD (Remote DALI-2) is selected, driver must be ordered separately. Visit the website for more information.

CEILING MOUNTED

Product	Size (Shape)	Mounting Type	LED	Colour temp	Optic	Control	Body colour
Axyl Echo	110 (L) x 110 (H) x 110 mm (D)	S Ceiling Mount	CEI LED Module 4 LEDs	4L CRI 90 2700 K	927 Narrow Beam	NB Non-Dim	HF White WH
	155 (L) x 155 (H) x 155 mm (D)	M		9L LED Module 9 LEDs	930 Medium Beam	MB DALI-2	HFX Black BK
					940 Wide Beam	WB Remote DALI-2*	RD Light Grey GY
						Anthracite Grey ANT	

EXAMPLE PRODUCT DESCRIPTION

Axyl Echo	S	CEI	9L	927	MB	HFX	ANT
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* Note: If RD (Remote DALI-2) is selected, driver must be ordered separately. Visit the website for more information.



5 YEAR
GUARANTEE

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries. thornlighting.com/guarantee

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