

THORN
LIGHTING



CESAR ECHO

Quiet by design, brilliant in performance



**WE
MAKE
LIGHT
WORK**

QUIET BY DESIGN, BRILLIANT IN PERFORMANCE

Cesar Echo is a collection of cylindrical wall mounted luminaires, defined by a refined, minimalist design and suited to both indoor and outdoor applications.

With three available beam angles, the range provides flexibility to achieve both focused accent lighting and broader illumination. A comfort optic delivers excellent visual comfort with minimal glare.

The luminaire family offers two sizes and the optics can be tilted up to 15°. This makes Cesar Echo an excellent choice for a wide range of settings, such as paths, walkways, building exteriors and facades.

The small size can be specified with either an integrated Non-Dim (On/Off) driver or a remote DALI-2 driver, ordered separately. The medium size has an integrated DALI-2 driver.



CESAR ECHO

FEATURES

SHAPES AND SIZES

Cesar Echo is a cylindrical, wall-mounted luminaire available in two sizes: small or medium.

Small: 110 mm height x 110 mm diameter
Medium: 155 mm height x 155 mm diameter

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 (G900S)

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



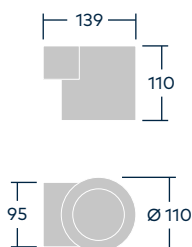
PHOTOMETRIC SUMMARY

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

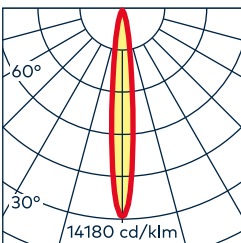
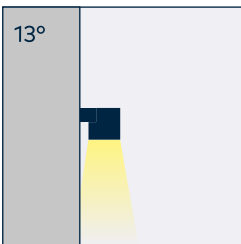
CESAR ECHO

WALL MOUNTED

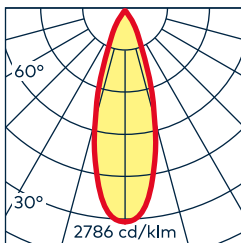
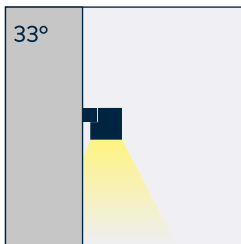
SMALL



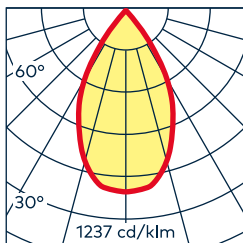
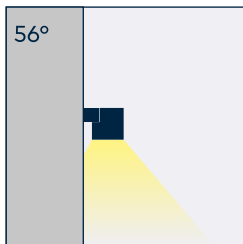
NARROW BEAM



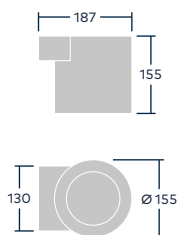
MEDIUM BEAM



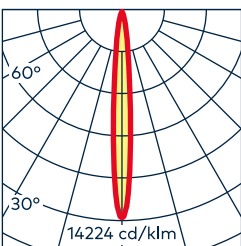
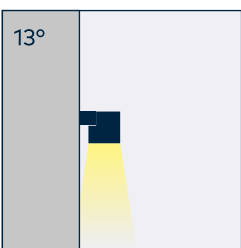
WIDE BEAM



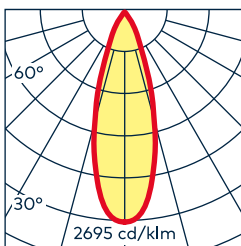
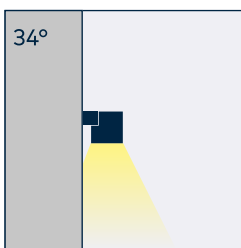
MEDIUM



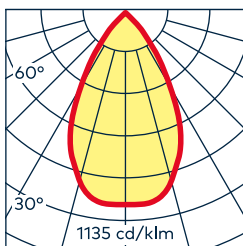
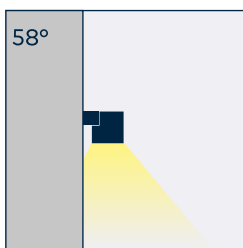
NARROW BEAM



MEDIUM BEAM



WIDE BEAM



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.

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.



BUILD YOUR PRODUCT

CESAR ECHO

WALL MOUNTED

Product	Size (Shape)		LED		Colour temp		Optic		Control		Body colour	
Cesar Echo	110 (Dia) x 110 (H)	S	LED Module 4 LEDs	4L	CRI 90 2700 K	927	Narrow Beam	NB	Non-Dim	HF	White	WH
	155 (Dia) x 155 (H)	M	LED Module 9 LEDs	9L	CRI 90 3000 K	930	Medium Beam	MB	DALI-2	HFX	Black	BK
					CRI 90 4000 K	940	Wide Beam	WB	Remote DALI-2*	RD	Light Grey	GY
											Anthracite Grey	ANT

EXAMPLE PRODUCT DESCRIPTION												
Cesar Echo	S		4L		930		NB		RD		ANT	

* Note: IF RD (Remote DALI-2) is selected, driver must be ordered separately. Visit the website for more information.



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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01/2026 (INT)

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