

THORN

LIGHTING

CESAR AMP

COMFORT IN VERSATILITY

COMFORT IN VERSATILITY

Characterised by simple but elegant design, Cesar Amp is a circular wall or ceiling mounted luminaire suitable for both outdoor and indoor applications.

Thanks to the light engine being recessed within the luminaire, Cesar Amp offers optimised glare control and visual comfort across both single and double light emissions.

Perfect for illuminating large covered areas and general building surrounds. The luminaire family includes three sizes for both wall and ceiling types and are equipped with a tilting reflector for maximum flexibility.

Both ceiling and wall versions are available with Non-Dim (On/Off) driver on-board, or DALI-2 (on-board DALI-2 for large size or remote DALI-2 driver for small and medium versions).



DARKSKY ACCREDITATION

'DarkSky' is recognised as the global authority on light pollution and is the leading organisation combating this issue worldwide.

The DarkSky Approved seal is a highly regarded accreditation for manufacturers. The process to achieve this accreditation reviews key features and benefits of a luminaire, its fundamental design and deep dive analysis of photometric data to ensure the product meets strict requirements to limit light pollution.

Dark Sky International fixture seal of approval relates to ≤ 3000 K only with dimming capability and downward light only. Luminaires must be mounted as photometered.



CESAR AMP

FEATURES

SHAPE AND SIZES

Cesar Amp is a cylindrical luminaire available in both ceiling or wall mounted types across small, medium and large sizes. Ceiling mounted variants are available as single light emission with adjustable reflector. Wall mounted variants are available with single or double emission with adjustable reflector.

LIGHT QUALITY

COB light engine offering precise light distribution and CRI90.

VISUAL COMFORT

The COB light source is recessed within the luminaire housing, meaning its optical system offers both visual comfort and excellent levels of illumination.

CONTROLLABILITY

Available as Non-Dim (On/Off), or remote DALI-2 driver can be ordered separately. Large version with DALI-2 connectivity on-board.

DURABILITY

Cesar Amp is rated IK08 and IP65.
Corrosion Class C3.

HOUSING COLOUR

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

WIRING

Small: Supplied with one single cable entry and grommet. Medium: Supplied with neoprene H05RN-F 0.3 m cable and connector. Large: Supplied with neoprene H05RN-F 0.3 m cable and connector.

TECHNICAL DESCRIPTION

Die-cast and extruded aluminium housing with high corrosion resistance. Stainless steel A4 screws. Silicone gaskets. Double Powder Paint process for superb fixture finish. Electrical Class I. 3 SDCM COB light engine. ULOR 0 for single emission variants. Risk Class RG1. Toughened clear glass diffuser. Operating Ambient Temperature -20° C to +50° C. Lifetime 70,000 Hrs L80 B10 Ta 25° C / 50,000 Hrs L80 B10 Ta 40° 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:

- Three small downlight only luminaires
- One small up/down luminaire
- One medium downlight only luminaire

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.

ORDERING CODE: 96700030

(GB IP67 35 W 230 V 700-1050 CL2 HFX)
POWER SUPPLY MULTI-POWER 230 V /
700 mA-1050 mA DALI-2, PUSH DIM IN BOX.
IP67, 35 W, Class II.
Dimensions; 175.5 mm x 86.5 mm x 43 mm.

Will operate:

- One medium up/down luminaire

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

CEILING

Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Small	927 (2700 K)	31° (WB)	430	6.6	8.8	48.86
	930 (3000 K)		452			51.36
	940 (4000 K)		483			54.89
Medium	927 (2700 K)	52° (FX)	1325	15.5	18.6	71.24
	930 (3000 K)		1395			75.00
	940 (4000 K)		1437			77.26
Large	927 (2700 K)	54° (XB)	2413	28	34.4	70.15
	930 (3000 K)		2540			73.84
	940 (4000 K)		2616			76.05

WALL MOUNTED (DOWN)

Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Small	927 (2700 K)	31° (WB)	430	6.6	8.8	48.86
	930 (3000 K)		452			51.36
	940 (4000 K)		483			54.89
Medium	927 (2700 K)	25° (MB)	1142	15.5	18.6	61.40
	930 (3000 K)		1203			64.68
	940 (4000 K)		1238			66.56
Large	927 (2700 K)	25° (MB)	2410	28	34.4	70.06
	930 (3000 K)		2537			73.75
	940 (4000 K)		2611			75.90

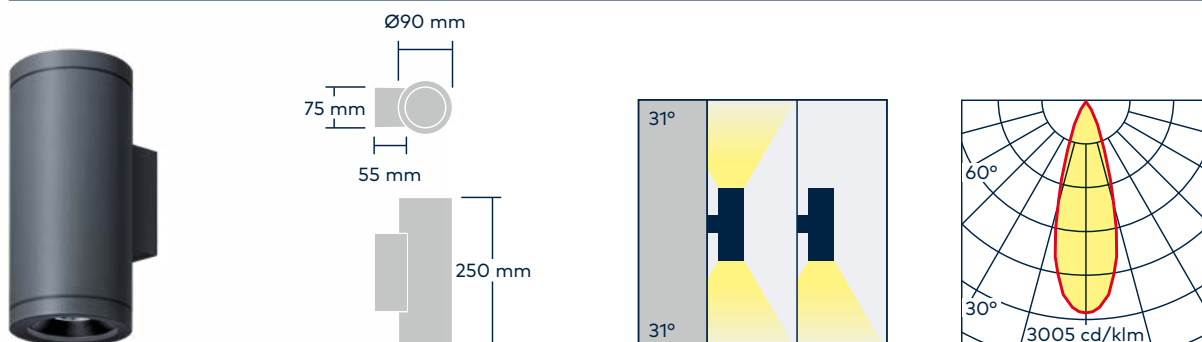
WALL MOUNTED (UP/DOWN)

Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Small	927 (2700 K)	31° (WB)	866	13.2	15.3	56.60
	930 (3000 K)		904			59.08
	940 (4000 K)		929			60.72
Medium	927 (2700 K)	25° (MB)	2284	31	37	61.73
	930 (3000 K)		2404			64.97
	940 (4000 K)		2476			66.92
Large	927 (2700 K)	30° (FM)	4820	56	68.8	70.06
	930 (3000 K)		5073			73.74
	940 (4000 K)		5222			75.90

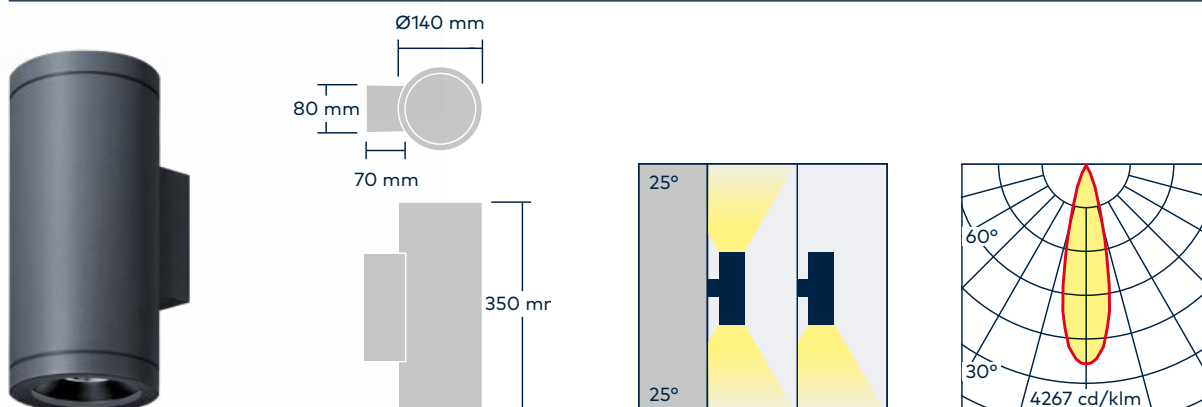
CESAR AMP

WALL MOUNTED

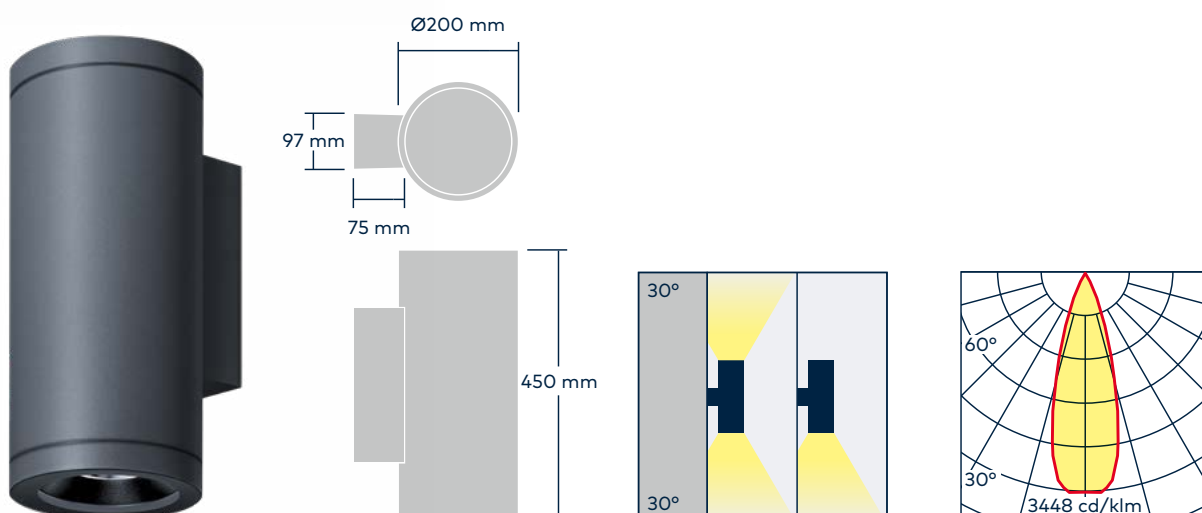
SMALL



MEDIUM



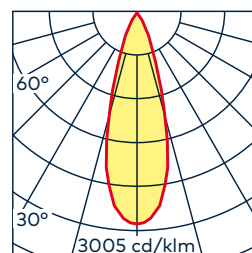
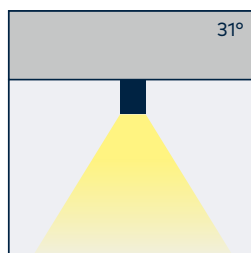
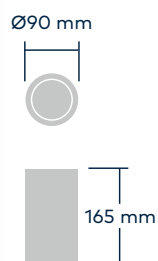
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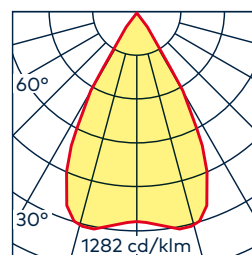
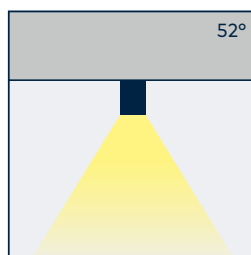
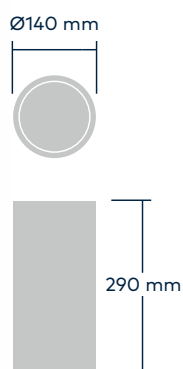
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CEILING MOUNTED

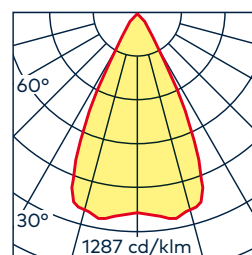
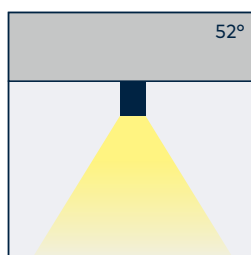
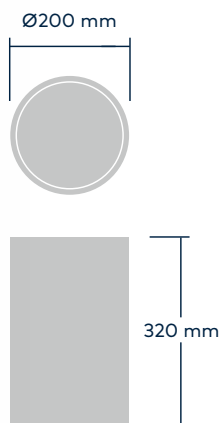
SMALL



MEDIUM



LARGE



BUILD YOUR PRODUCT

CESAR AMP



WALL MOUNTED

Product	Size	Mounting	LED	Colour temp	Optic	Control	Body colour
Cesar Amp	90 mm diameter / 250 mm length	Wall Downlight	Chip On Board	CRI 90 2700 K	25°	Non-Dim	White
		DWN	1L	927	MB	HF	WH
	140 mm diameter / 350 mm length	Wall Up and Down	LED Module 2 LEDs	CRI 90 3000 K	31°	DALI-2	Black
		UD	2L	930	WB	HFX	BK
	200 mm diameter / 450 mm length			CRI 90 4000 K	30°	Remote DALI-2	Light Grey
				940	FM	RD*	GY
							Anth Grey
							ANT

EXAMPLE PRODUCT DESCRIPTION							
Cesar Amp	L	UD	1L	930	FM	HFX	ANT

* Note: If the RD (Remote DALI-2) option is selected, this will need ordering separately. Visit the website for more information.

CEILING MOUNTED

Product	Size	Mounting	LED	Colour temp	Optic	Control	Body colour
Cesar Amp	90 mm diameter / 165 mm length	Ceiling Mounted	Chip On Board	CRI 90 2700 K	31°	Non-Dim	White
		CEI	1L	927	WB	HF	WH
	140 mm diameter / 290 mm length			CRI 90 3000 K	52°	DALI-2	Black
				930	FX	HFX	BK
	200 mm diameter / 320 mm length			CRI 90 4000 K	54°	Remote DALI-2	Light Grey
				940	XB	RD*	GY
							Anth Grey
							ANT

EXAMPLE PRODUCT DESCRIPTION							
Cesar Amp	S	CEI	1L	930	WB	HF	ANT

* Note: If the RD (Remote DALI-2) option is selected, this will need ordering 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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WE
MAKE
LIGHT
WORK