THORN
LIGHTING

CESAR DOT

Make details matter

WE
MAKE
LIGHT
WORK

MAKE DETAILS MATTER

Cesar Dot is the small but versatile luminaire family that provides recessed accent lighting with in-ground, wall or ceiling mounting options. Highlight architectural details, mark walkways, illuminate staircases and steps, or emphasise objects and features: with a choice of luminaire sizes, beam angles and colour temperatures, Cesar Dot's compact design offers powerful, flexible performance.

With its stainless steel construction and absence of visible screws, Cesar Dot provides a sleek finish – and, thanks to high corrosion resistance and ingress protection, it's long-lasting too.

The in-ground luminaire is available in two sizes and a choice of three beam angles. The wall recessed version also offers a choice of two sizes, and uses a purpose-designed asymmetric optic to ensure light is only distributed where needed and minimise glare. The ceiling luminaire completes the package, available in the medium size with a medium beam angle.

The wall-mounted and in-ground variants are supplied with a polypropylene recessing box, plus O-rings for fixing, and the ceiling recessed variants are supplied with two clips for easy installation into plasterboard ceilings.

CESAR DOT

FEATURES

SHAPES AND SIZES
Cesar Dot is a circular, recessed luminaire family, with in-ground walk-over, wall-recessed and ceiling-recessed variants.

IN-GROUND
Available in small and medium size.

Small: Front ring 45 mm Dia / Recessing box 125 mm Dia x 125 mm H

Medium: Front ring 60 mm Dia / Recessing box 125 mm Dia x 125 mm H

WALL-RECESSED
Available in small and medium size.

Small: Front ring 45 mm Dia / Recessing box 40 mm Dia x 95 mm H

Medium: Front ring 60 mm Dia / Recessing box 50 mm Dia x 110 mm H

CEILING
Available in medium size.

Medium: Front ring 60 mm Dia / Hole 45 mm Dia x 85 mm H

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. Frosted glass for Cesar Dot In-Ground Medium with wide beam.

CONTROLLABILITY
Available with a selection of drivers to cover different application needs: choose from either non-dim or DALI-2 options and IP67 or IP20 variants to meet varying cost and specification requirements.

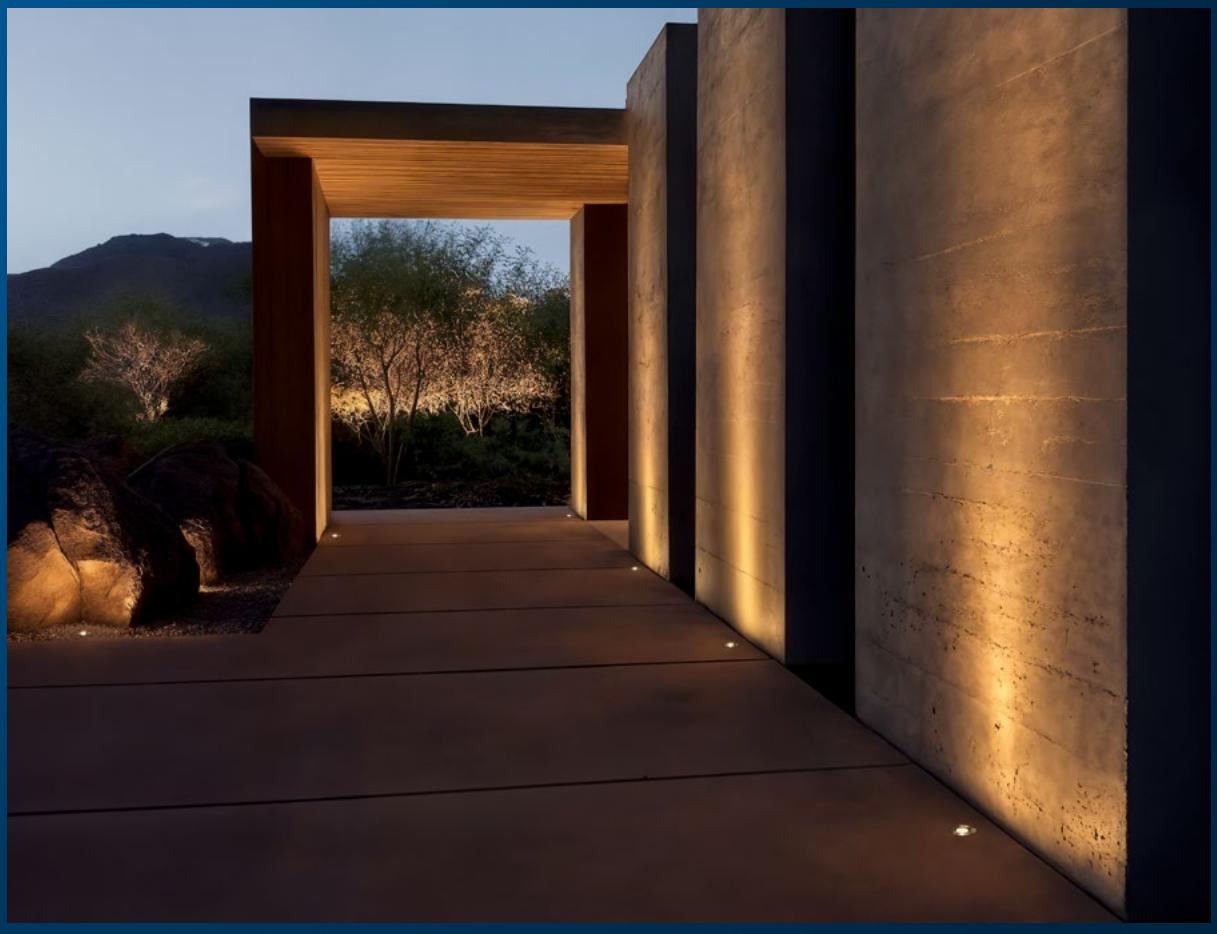
DURABILITY
Cesar Dot is rated IK08 and IP65/IP67.
Corrosion Class C3.

HOUSING COLOUR
Available in a stainless steel finish.

WIRING
Supplied with neoprene H05RNF 5m cable with cable gland.

TECHNICAL DESCRIPTION
AISI 316L mono-block stainless steel with high corrosion resistance. Toughened glass with asymmetric comfort diffuser. Stainless steel finishing and no visible screws. The luminaire is fixed to the recessing box with O-rings. In-ground and wall-recessed variants supplied with recessing box in polypropylene. Downlight variant supplied with two clips for ease of installation in plasterboard ceilings. Thickness must be 10 mm - 28 mm.
3 SDCM. Electrical class III. Risk Class RG1.
Operating ambient temperature -20 °C to 40 °C.
Lifetime 70,000 hrs L80 B10 25 °C.

CERTIFICATION



ACCESSORIES

ORDERING CODE: 96801660
(GB 36W 230V 24VDC CL2 HF IP67)
POWER SUPPLY NON DIMMABLE
36W 230Vac/24Vdc
IP67, Class II.
Dimensions: 120 mm x 38 mm x 25 mm.

Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature –20 °C to 40 °C. Built-in surge protection (kV) L/N: 1 kV.

Will operate 26 small Cesar Dot luminaires or 14 medium Cesar Dot luminaires.

ORDERING CODE: 96801661
(GB 60W 230V 24VDC CL2 HF IP67)
POWER SUPPLY NON DIMMABLE 60W
230Vac/24Vdc
IP67, Class II.
Dimensions: 150 mm x 53 mm x 21 mm.

Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature –20 °C to 40 °C. Built-in surge protection (kV) L/N: 2 kV.

Will operate 46 small Cesar Dot luminaires or 25 medium Cesar Dot luminaires.

ORDERING CODE: 96801662
(GB 24W 230V 24VDC CL2 HFX IP67)
POWER SUPPLY DIMMABLE 230Vac/24Vdc 24W
IP67, Class II.
Dimensions: 184 mm x 35 mm x 33 mm.

Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature –20 °C to 40 °C. Built-in surge protection (kV) L/N: 1 kV.

Will operate 17 small Cesar Dot luminaires or 8 medium Cesar Dot luminaires.

ORDERING CODE: 96801663
(GB 75W 230V 24VDC CL2 HFX IP67)
POWER SUPPLY DIMMABLE 230Vac/24Vdc 75W
IP67, Class II.
Dimensions: 280 mm x 40 mm x 28 mm.

Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature –20 °C to 40 °C. Built-in surge protection (kV) L/N: 4 kV.

Will operate 58 small Cesar Dot luminaires or 32 medium Cesar Dot luminaires.

ORDERING CODE: 96801664
(GB 24W 230V 24VDC CL2 HFX IP20)
POWER SUPPLY DIMMABLE DALI,
230Vac/24Vdc 24W
IP20, Class II.
Dimensions: 164 mm x 38 mm x 24.5 mm.

Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature –20 °C to 40 °C. Built-in surge protection (kV) L/N: 1 kV.

Will operate 17 small Cesar Dot luminaires or 8 medium Cesar Dot luminaires.

ORDERING CODE: 96801665
(GB 75W 230V 24VDC CL2 HFX IP20)
POWER SUPPLY DIMMABLE DALI2
230Vac/24Vdc 75W
IP20, Class II.
Dimensions: 280 mm x 40 mm x 29 mm.

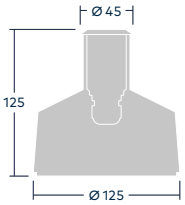
Maximum distance between luminaire and power supply 10 m. Operating Ambient Temperature –20 °C to 40 °C. Built-in surge protection (kV) L/N: 4 kV.

Will operate 58 small Cesar Dot luminaires or 32 medium Cesar Dot luminaires.

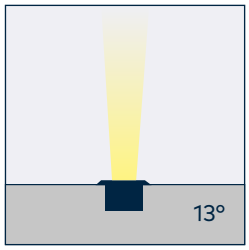
CESAR DOT

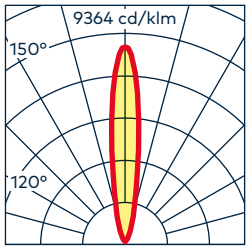
IN-GROUND

SMALL

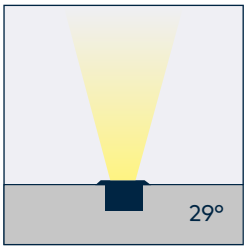


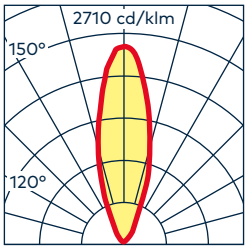
NARROW BEAM



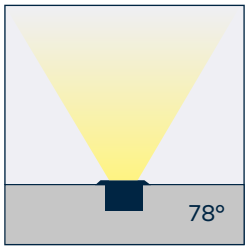


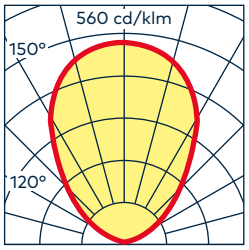
MEDIUM BEAM



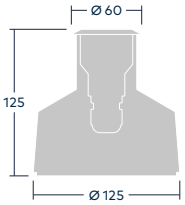


WIDE BEAM

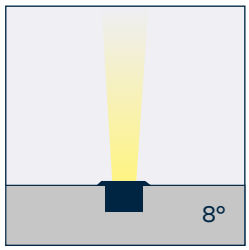


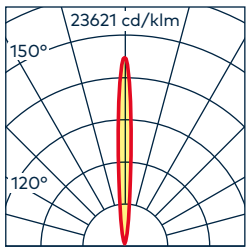


MEDIUM

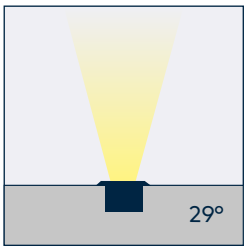


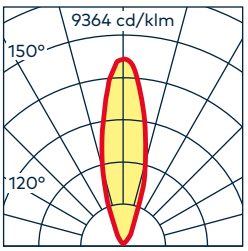
NARROW BEAM



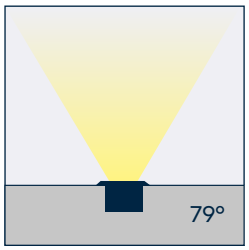


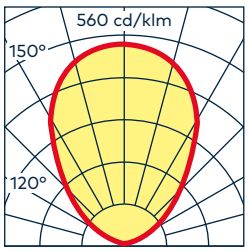
MEDIUM BEAM





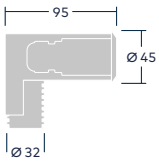
WIDE BEAM



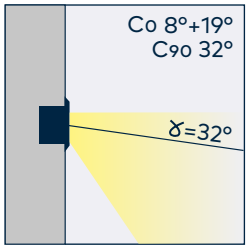


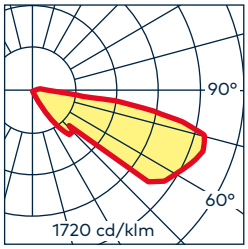
WALL-MOUNTED

SMALL

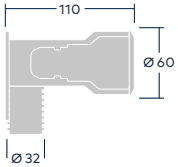


ASYMETRIC BEAM





MEDIUM



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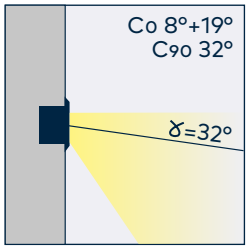
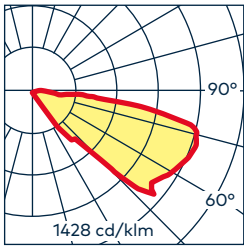
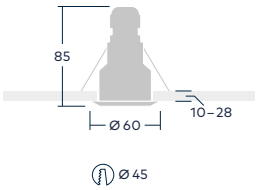


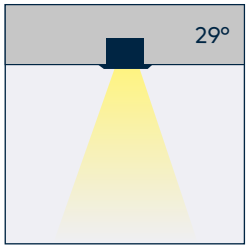


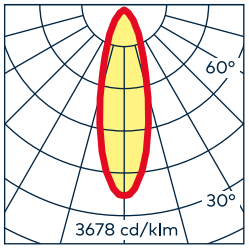
CEILING-MOUNTED

MEDIUM



MEDIUM BEAM





PHOTOMETRIC SUMMARY

IN-GROUND

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)	51	0.5	0.8	63.75
	930 (3000 K)		56			70.00
	940 (4000 K)		59			73.75
	927 (2700 K)	29° (Medium Beam)	53			66.25
	930 (3000 K)		61			76.25
	940 (4000 K)		64			80.00
	927 (2700 K)	78° (Wide Beam)	32			40.00
	930 (3000 K)		34			42.50
	940 (4000 K)		36			45.00
Medium	927 (2700 K)	8° (Narrow Beam)	139	1.4	2.2	63.18
	930 (3000 K)		146			66.36
	940 (4000 K)		153			69.55
	927 (2700 K)	29° (Medium Beam)	123			55.91
	930 (3000 K)		132			60.00
	940 (4000 K)		136			61.82
	927 (2700 K)	79° (Wide Beam)	78			35.45
	930 (3000 K)		82			37.27
	940 (4000 K)		90			40.91

WALL-MOUNTED

Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Small	927 (2700 K)	Asymmetric	11	0.5	0.8	13.75
	930 (3000 K)		12			15.00
	940 (4000 K)		13			16.25
Medium	927 (2700 K)	Asymmetric	33	1.4	2.2	15.00
	930 (3000 K)		35			15.91
	940 (4000 K)		37			16.82

CEILING

Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
Medium	927 (2700 K)	29° (Medium Beam)	123	1.4	2.2	55.91
	930 (3000 K)		132			60.00
	940 (4000 K)		136			61.82

BUILD YOUR PRODUCT

CESAR DOT

IN-GROUND

Product	Size (Shape)		LED		Colour temp		Beam angle		Control		Body colour	
Cesar Dot	45 mm Dia	**S**	1 LED	**1L**	CRI 90 2700 K	**927**	Narrow Beam	**NB**	Remote Driver*	**RD**	Stainless Steel	**SS**
	60 mm Dia	**M**			CRI 90 3000 K	**930**	Medium Beam	**MB**				
					CRI 90 4000 K	**940**	Wide Beam	**WB**				

WALL MOUNTED

Product	Size (Shape)		LED		Colour temp		Beam angle		Control		Body colour	
Cesar Dot	45 mm Dia	**S**	1 LED	**1L**	CRI 90 2700 K	**927**	Asymmetric	**AS**	Remote Driver*	**RD**	Stainless Steel	**SS**
	60 mm Dia	**M**			CRI 90 3000 K	**930**						
					CRI 90 4000 K	**940**						

EXAMPLE PRODUCT DESCRIPTION						
Cesar Dot	**S**	**1L**	**930**	**AS**	**RD**	**SS**

CEILING MOUNTED

Product	Size (Shape)		LED		Colour temp		Beam angle		Control		Body colour	
Cesar Dot	60 mm Dia	**M CEI**	1 LED	**1L**	CRI 90 2700 K	**927**	Medium Beam	**MB**	Remote Driver*	**RD**	Stainless Steel	**SS**
					CRI 90 3000 K	**930**						
					CRI 90 4000 K	**940**						

EXAMPLE PRODUCT DESCRIPTION						
Cesar Dot	**M CEI**	**1L**	**930**	**MB**	**RD**	**SS**

* Note: Remote 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

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated. 01/2026 (INT)

WE MAKE LIGHT WORK