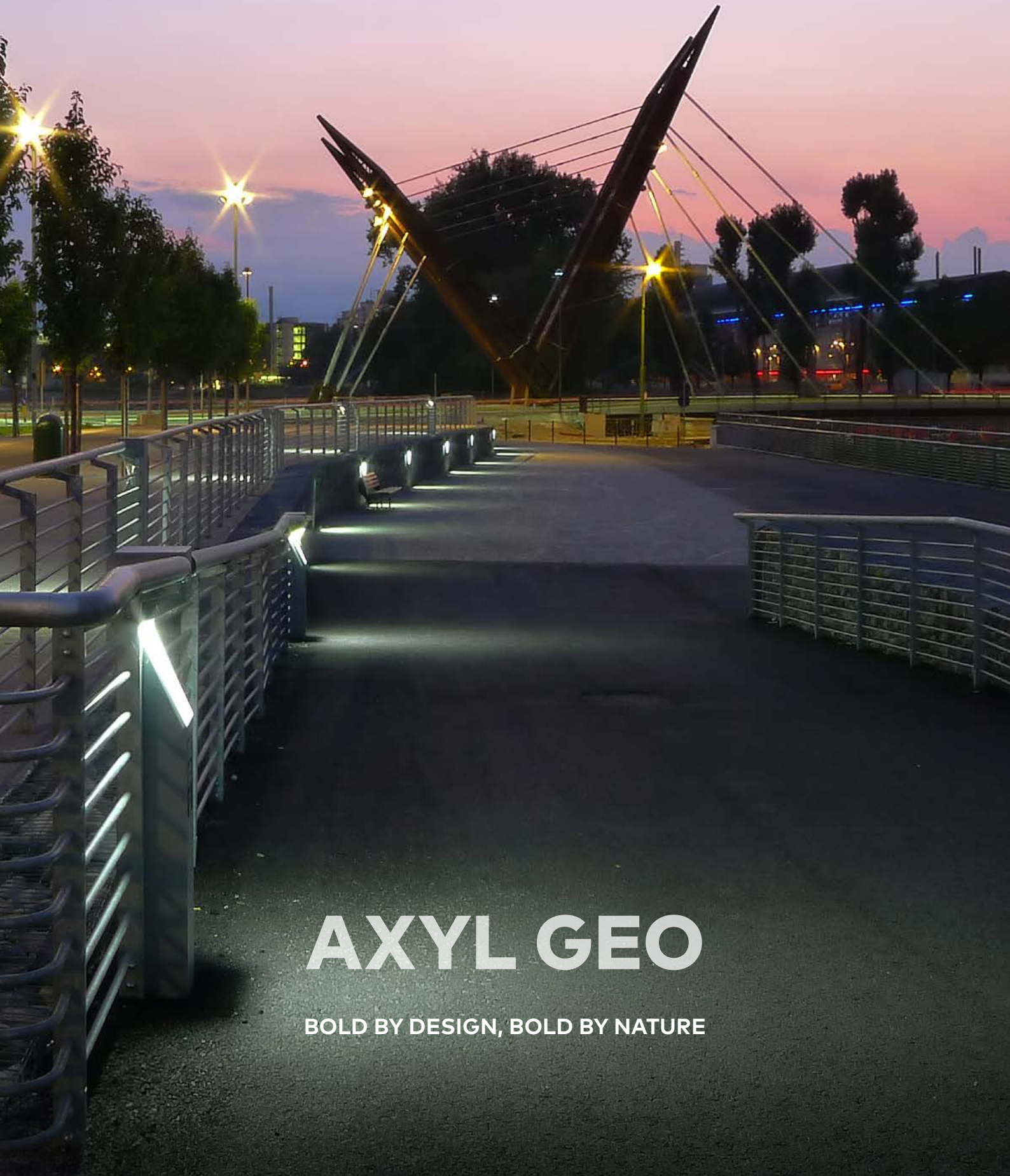


THORN

LIGHTING



AXYL GEO

BOLD BY DESIGN, BOLD BY NATURE

BOLD BY DESIGN, BOLD BY NATURE

Axyl Geo is a range of bollards available in two standard sizes (600 mm and 950 mm height). The range is easily recognisable thanks to its distinctive design, making it an ideal choice for wayfinding, illumination of pathways, park areas and congregation spaces.

IP65 and IK06 rated, Axyl Geo features a specially developed prismatic glass diffuser offering excellent light distribution alongside significant impact resistance and durability. This results in a bollard family which is perfect for both private and public urban applications.

Axyl Geo comes with DALI-2 on-board connectivity.



AXYL GEO

FEATURES

SHAPE AND SIZES

Axyl Geo is a square edged bollard range available in two heights; 600 mm and 950 mm.

LIGHT QUALITY

CRI 90.

VISUAL COMFORT

Axyl Geo features a specifically developed prismatic glass diffuser offering excellent light distribution across 180° beam angle.

For enhanced visual comfort an anti-glare shield accessory is available.

CONTROLLABILITY

On-board DALI-2 connectivity.

DURABILITY

Axyl Geo 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 neoprene H05RN-F 1m cable and connector.

TECHNICAL DESCRIPTION

Die-cast and extruded aluminium housing with high corrosion resistance.

Stainless steel A4 screws.

Aluminium reflectors.

Clear toughened reeded glass.

3 SDCM.

Risk Class RG1.

Silicone gaskets.

Double Powder Paint process.

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



Note:

The usage of the bollard product family is restricted to private building surrounds and not for public outdoor spaces.



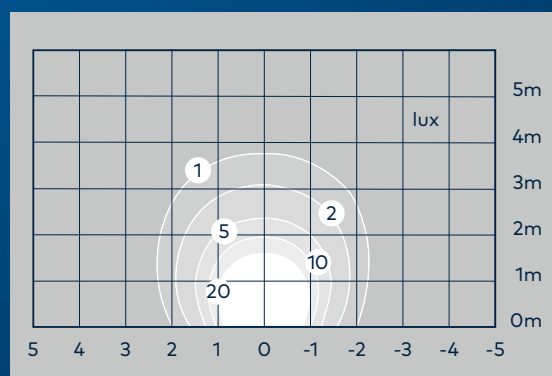
PHOTOMETRIC SUMMARY

BOLLARD

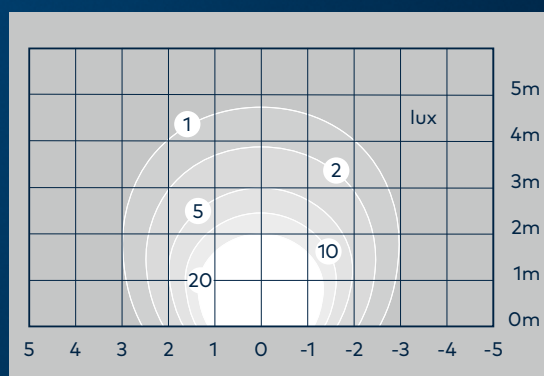
Size	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)
H600	927 (2700 K)	Asymmetrical Beam (180°)	554	13.6	16	34.63
	930 (3000 K)		584			36.50
	940 (4000 K)		600			37.50
H950	927 (2700 K)	Asymmetrical Beam (180°)	554	13.6	16	34.63
	930 (3000 K)		584			36.50
	940 (4000 K)		600			37.50

ISOLUX CURVES

AXYL GEO H600



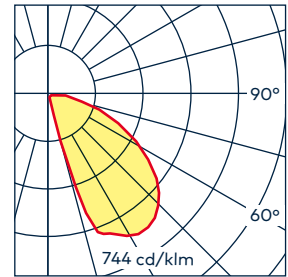
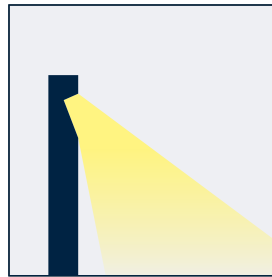
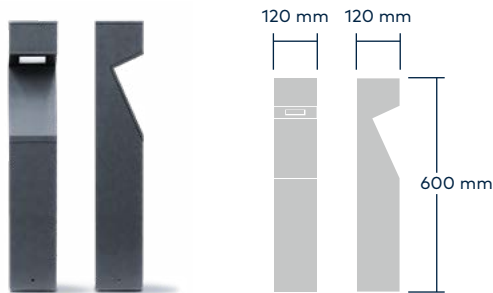
AXYL GEO H950



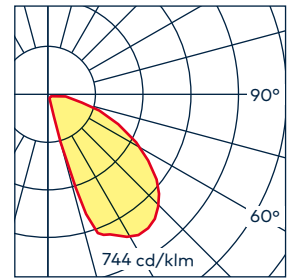
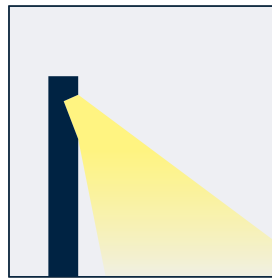
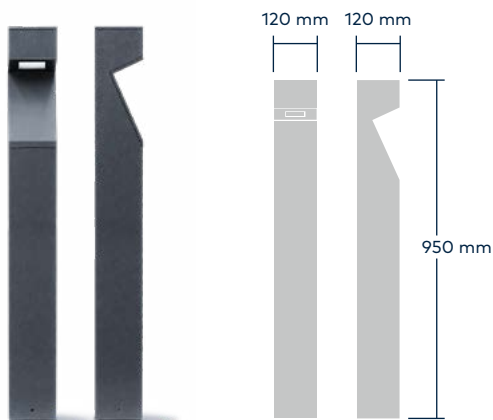
AXYL GEO

BOLLARD

H600



H950



ACCESSORIES



ORDERING CODE: 96700532

ANTI-GLARE SHIELD – Black
Note: A 56 % lumen output reduction from the luminaire is achieved when this accessory is included.



ORDERING CODE: 96700572

FLANGE

For applications requiring mounting into concrete.
120 mm diameter flange to be fixed in concrete with stainless steel screws for fixing in the ground.
118 mm diameter x 165 mm depth



BUILD YOUR PRODUCT

AXYL GEO



BOLLARD

Product	Size (Height)	LED	Colour temp	Optic	Control	Body colour
Axl Geo	600 mm H600	COB LED Light Engine 1 LED 1L	CRI 90 2700 K 927	Asymmetrical Beam (180°) A/S	DALI-2 HFX	White WH
	950 mm H900		CRI 90 3000 K 930			Black BK
			CRI 90 4000 K 940			Light Grey GY
						Anth Grey ANT

EXAMPLE PRODUCT DESCRIPTION						
Axl Geo	H600	1L	930	A/S	HFX	ANT

Note: The usage of the bollard product family is restricted to private building surrounds and not for public outdoor spaces.



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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09/2024 (INT)

WE
MAKE
LIGHT
WORK