

**THORN**  
LIGHTING

**AXYL GREET**

**STRENGTH AND BEAUTY IN VERSATILITY**

# STRENGTH AND BEAUTY IN VERSATILITY

The Axyl Greet family includes elegant wall and bollard luminaires available in various sizes to suit your application. The wall version is available as downlight only or uplight and downlight, whilst the bollard is offered as either a single or double light emission version. Offering a family of aesthetically pleasing wall or bollard luminaires that are ideal for illuminating entrances and pathways.

Thanks to a toughened clear glass diffuser and the latest generation LED sources, Axyl Greet emits a perfectly uniform light distribution that creates an improved perception of safety, feeling of comfort and visual interest all at once.

Axyl Greet W (the wall variant) is available as Non-Dim (On/Off) driver on-board, or a separate remote DALI-2 driver is available. Axyl Greet B (the bollard variant) comes with DALI-2 on-board as standard.



## 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  $\leq 3000$  K only with dimming capability and downward light only. Luminaires must be mounted as photometered.







# AXYL GREET

## FEATURES

### SHAPE AND SIZES

Axyl Greet is available in wall mounting and bollard variations.

Axyl Greet W is available in two sizes.  
Medium; 220 length x 33 height x 80 mm depth,  
Large; 290 length x 43 height x 105 mm depth.

Axyl Greet B is available in three heights;  
Small; 290 mm, Medium; 580 mm, Large; 870 mm.

### LIGHT QUALITY

CRI 90.

### VISUAL COMFORT

A toughened clear glass diffuser and the latest generation LED sources ensure Axyl Greet emits a perfectly uniform light distribution creating a feeling of safety, comfort and visual interest all at once.

### CONTROLLABILITY

Axyl Greet W is available as Non-Dim (On/Off), or a remote DALI-2 driver can be ordered separately. Axyl Greet B comes with a DALI-2 driver on-board.

### DURABILITY

The Axyl Greet family (bollard and wall) is rated IK06 and IP65.  
Corrosion Class C3.

### HOUSING COLOUR

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

### WIRING

Wall (M): Luminaire supplied with 1.5 m neoprene H05RN-F cable.  
Wall (L): Luminaire with one single cable entry and grommet.  
Bollard: Luminaire with one single cable entry and grommet.

### TECHNICAL DESCRIPTION

Die-cast aluminium housing with high corrosion resistance.  
Protective cover with clip locking system.  
No visible screws.  
Risk Class RG1.  
3 SDCM.  
Clear polycarbonate diffuser.  
Silicone gaskets.  
Double Powder Paint process.  
Electrical Class II.  
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

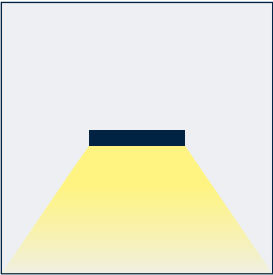
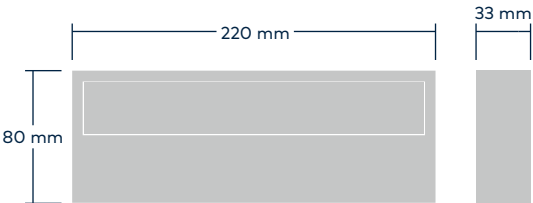
Type	Size	Light emission	Colour temp	Beam angle	Lumen output (lm)	Power (W)	Rated input power (W)	Luminaire efficacy (lm/W)	
Wall	Medium	Downlight	927 (2700 K)	Wide Beam	536	11.1	12.9	41.55	
Wall			930 (3000 K)		536			41.55	
Wall			940 (4000 K)		622			48.22	
Wall		Down & Uplight	927 (2700 K)		490	12.5	490		
Wall			930 (3000 K)		490		490		
Wall			940 (4000 K)		568		568		
Wall	Large	Downlight	927 (2700 K)		1102	17.8	18.7	58.93	
Wall			930 (3000 K)		1102			58.93	
Wall			940 (4000 K)		1278			68.34	
Wall		Down & Uplight	927 (2700 K)		873			46.68	
Wall			930 (3000 K)		873			46.68	
Wall			940 (4000 K)		1012			54.12	
Bollard	Small	Single Emission	927 (2700 K)	Asymmetrical Beam	877	17.8	19.5	44.97	
Bollard			930 (3000 K)		877			44.97	
Bollard			940 (4000 K)		1017			52.15	
Bollard	Medium		927 (2700 K)		877			44.97	
Bollard			930 (3000 K)		877			44.97	
Bollard			940 (4000 K)		1017			52.15	
Bollard	Large		927 (2700 K)		877			44.97	
Bollard			930 (3000 K)		877			44.97	
Bollard			940 (4000 K)		1017			52.15	
Bollard	Small		Double Emission		927 (2700 K)	35	35.6	49.27	
Bollard					930 (3000 K)			1754	49.27
Bollard					940 (4000 K)			2034	57.13
Bollard	Medium	927 (2700 K)			1754			49.27	
Bollard		930 (3000 K)			1754			49.27	
Bollard		940 (4000 K)			2034			57.13	
Bollard	Large	927 (2700 K)			1754			49.27	
Bollard		930 (3000 K)			1754			49.27	
Bollard		940 (4000 K)			2034			57.13	



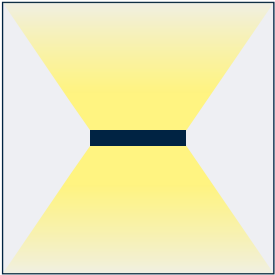
# AXYL GREET

## WALL VERSION

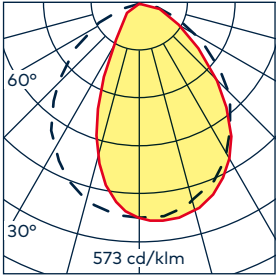
### MEDIUM



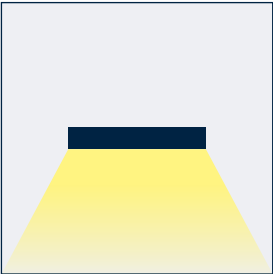
WIDE BEAM (WB)  
(DOWNLIGHT)



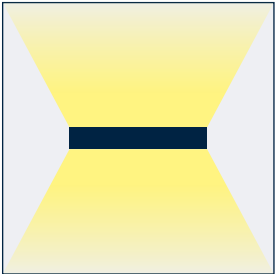
WIDE BEAM (WB)  
(UP & DOWNLIGHT)



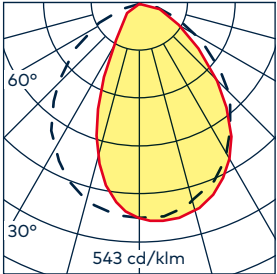
### LARGE



WIDE BEAM (WB)  
(DOWNLIGHT)



WIDE BEAM (WB)  
(UP & DOWNLIGHT)

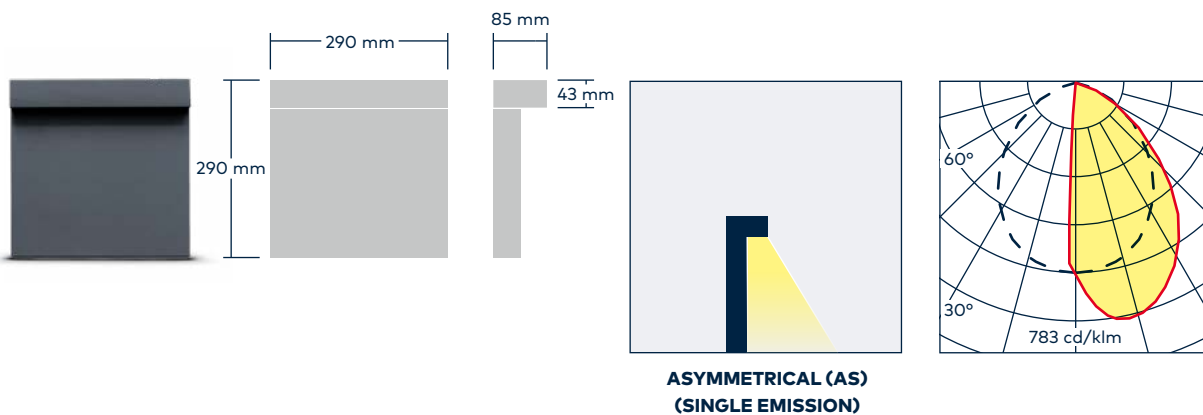




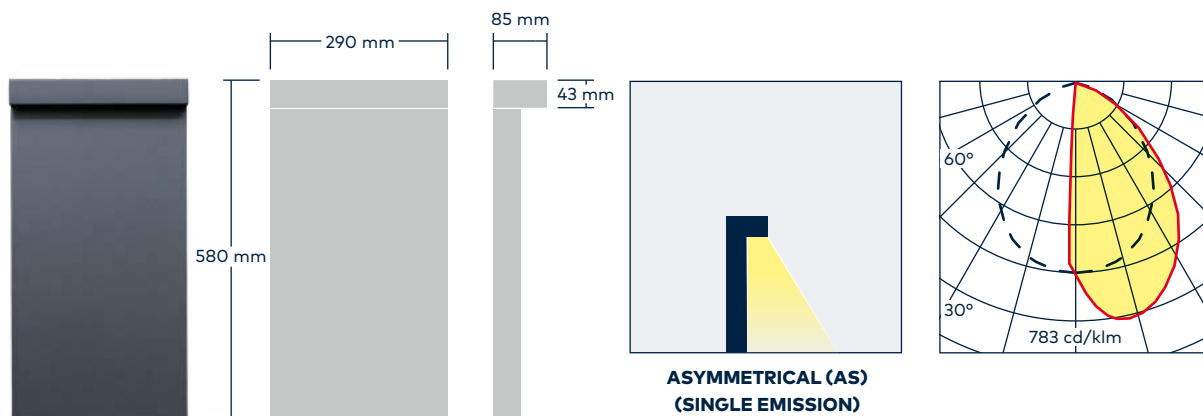
# AXYL GREET

## BOLLARD – SINGLE EMISSION

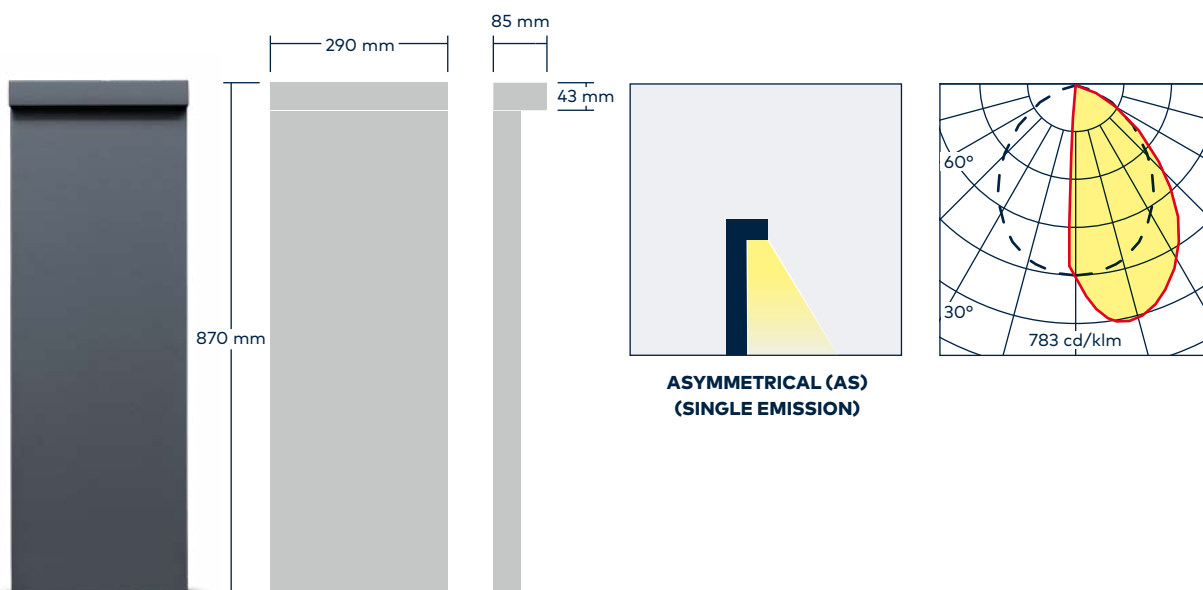
### SMALL



### MEDIUM



### LARGE

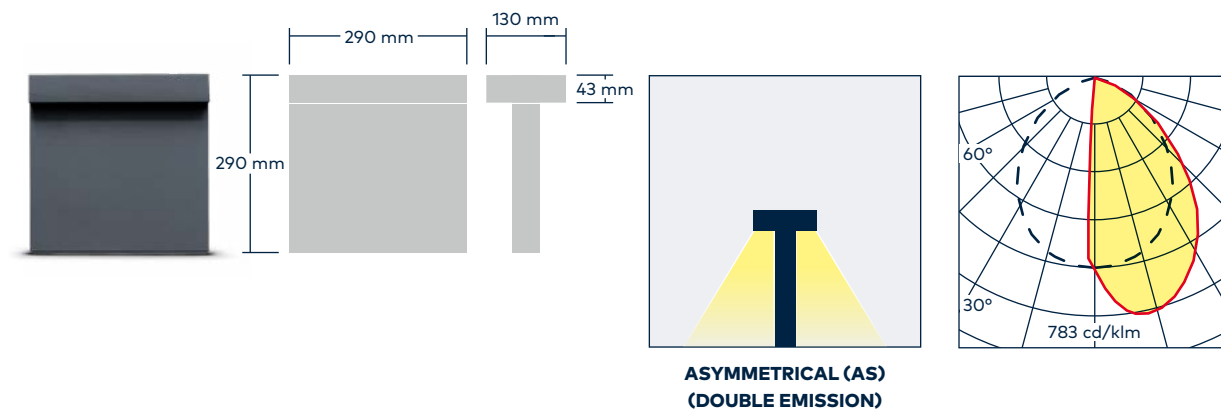




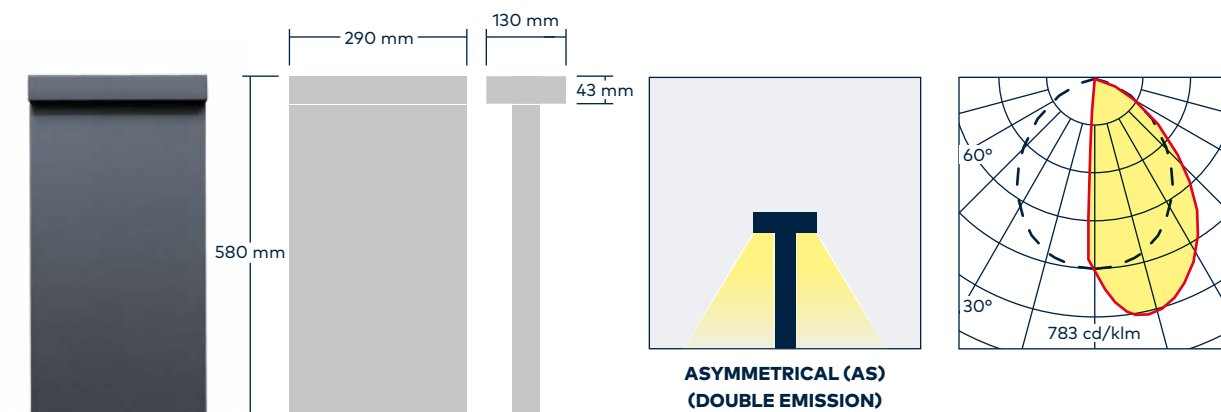
# AXYL GREET

## BOLLARD – DOUBLE EMISSION

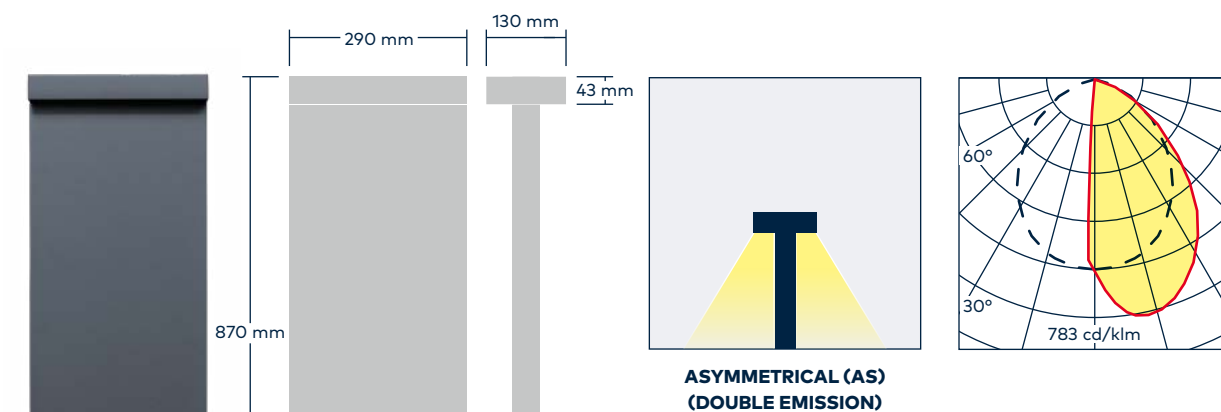
### SMALL



### MEDIUM

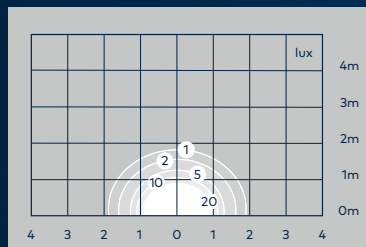


### LARGE

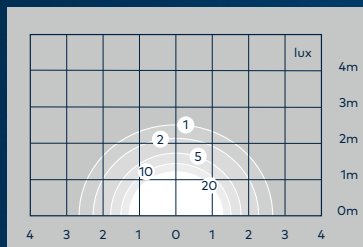


# ISOLUX CURVES

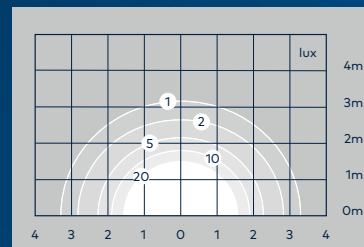
**AXYL GREET B290**



**AXYL GREET B580**



**AXYL GREET B870**



## ACCESSORIES

**ORDERING CODE: 96700705**

FLANGE - For applications requiring mounting into concrete.

Steel flange with stainless steel screws (to be fixed in concrete).

**Note: For Axyl Greet B (Bollard) only.**



**ORDERING CODE: 96700028**

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

POWER SUPPLY MULTI-POWER 230 V / 250 mA-700 mA DALI-2, DIM IN BOX.

IP67, 20 W, CLASS II.

Dimensions; 175.5 mm x 86.5 mm x 43 mm.

**Will operate:**

- One medium luminaire (wall version, single or double light emission)
- One large luminaire (wall version, single or double light emission)

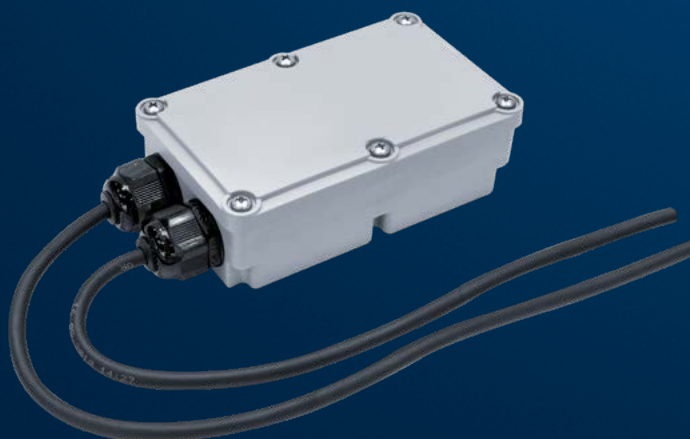
Maximum distance between luminaire and power supply 10 m.

Operating Ambient Temperature

-20 °C to +50 °C.

Built-in surge protection

(kV) L/N-PE: 3 kV.









BUILD YOUR PRODUCT

AXYL GREET



AXYL GREET  
(WALL MOUNTED)



AXYL GREET  
(BOLLARD)

WALL MOUNTED

Product	Size (Shape)	Light emission	LED	Colour temp	Optic	Control	Body colour
Axl Greet W	Medium 220 mm (L) x 33 mm (H) x 80 mm (D)	Downlight Only <b>DWN</b>	LED module made of 28 LEDs <b>28L</b>	CRI 90 2700 K <b>927</b>	Wide Beam symmetrical aperture <b>WB</b>	Non-Dim <b>HF</b>	White <b>WH</b>
	Large 290 mm (L) x 43 mm (H) x 105 mm (D)	Uplight and Downlight <b>UD</b>	LED module made of 56 LEDs <b>56L</b>	CRI 90 3000 K <b>930</b>		Remote DALI-2 <b>RD*</b>	Black <b>BK</b>
				CRI 90 4000 K <b>940</b>			Light Grey <b>GY</b>
							Anth Grey <b>ANT</b>

EXAMPLE PRODUCT DESCRIPTION							
Axl Greet W	M	DWN	28L	927	WB	RD	ANT

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

BOLLARD

Product	Size (Shape)	Light emission	LED	Colour temp	Optic	Control	Body colour
Axl Greet B	290 mm Height <b>H290</b>	Single emission <b>SE</b>	LED module made of 56 LEDs <b>56L</b>	CRI 90 2700 K <b>927</b>	Asymmetrical Beam <b>AS</b>	DALI-2 <b>HFX</b>	White <b>WH</b>
	580 mm Height <b>H580</b>	Double emission <b>DE</b>	LED module made of 2x56 LEDs (Dual emission) <b>112L</b>	CRI 90 3000 K <b>930</b>			Black <b>BK</b>
	870 mm Height <b>H870</b>			CRI 90 4000 K <b>940</b>			Light Grey <b>GY</b>
							Anth Grey <b>ANT</b>

EXAMPLE PRODUCT DESCRIPTION							
Axl Greet B	H580	DE	112L	930	AS	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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WE  
MAKE  
LIGHT  
WORK