

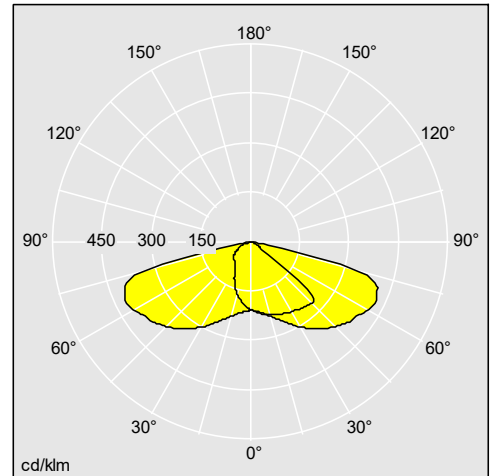
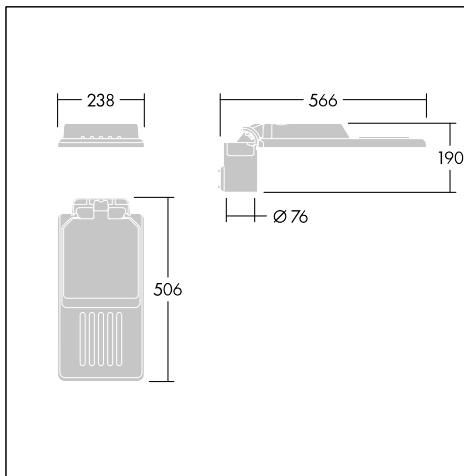
## Isaro

### Discrete and flexible road and street lighting lantern with durable high performance

- IDA Dark Sky Approved
- \*IDA fixture seal of approval relates to  $\leq 3000$  K only and clear enclosures,  $\pm 10^\circ$  maximum tilt only. Luminaires must be mounted as photometered.
- Designed to maximize lighting performances, optimize circular economy strategies, while limiting its carbon footprint.
- Reliable and flexible : high quality die-cast aluminium EN AC 44300 casting and Geomet anti-galvanic treated screws combined with vast range of lighting distributions, control, protection, wiring and color options
- Highest corrosion protection according to EN ISO 9223 : Class 5
- Light weight, pre-wired to the needs for easy installation



Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.



96634794

### Material/Finish

Housing, spigot: die-cast aluminium EN AC 44300, screws treated with Geomet anti-galvanic coating, powder coated texturized light grey (GY), Spigot painted. Via the configurator: Texturized black (BK), Texturized anthracite (ANT) and 48 other RAL possibilities. Standard corrosion class C5 according to ISO 9223: 2012.

Glass: Toughened glass, 4 or 5 mm thickness

Fixings: stainless steel, with anti-galvanic treatment

### Installation/Mounting

Installation up to 15 m height

- Versatile tilting technology, lateral ( $-15^\circ/+15^\circ$ ) and post top ( $0^\circ/+20^\circ$ )
- Adjustable inclination by increments of  $5^\circ$  to optimize lighting distribution and uniformity
- Universal spigot for lateral and post top installation
- As a standard: possible coastal application thanks to its C5 corrosion protection class (ISO 9223:2012)
- Pre-wired for ease of installation at any pole height. Option with IP67 quick connector if pole cable is retained (refurbishment)

# Isaro

## Specification

To specify state:

IP66, 2 sizes, corrosion resistant Class 5 (EN ISO 9223) road lighting lantern with great versatility for even coastal applications. With up to 6000 Lm (Extra Small size) and 17000 Lm (Small size), efficiency up to 170 Lm/W. Optimised dimensions, low windage area : 0,028 m<sup>2</sup> (XS size) and 0,041 m<sup>2</sup> (S size). Extra White toughened glass underneath (4mm thickness as standard). Option for High Transmission glass (H). IK possibilities : IK08 and IK10 (option). Electrical class 1 and class 2. Mounting options : post top, lateral. Wide optical offer with efficient Street R-PEC optical system, 20 R-PEC light distributions. 2200 K / 2400 K / 2700 K / 3000 K / 4000 K / 5700 K colour temperatures, as standard. CRI 70 or 80. Internal back light control louvre. 6 kV multi-pulse and 8 kV (3 pulses) as driver standard protection. Option for 10kV/10kA surge protection multi pulse and 20kV single pulse. Option for LED optic lining (M). Post top reversible spigot pre-assembled for diameter 60mm or 76mm post top mounting and diameter 60mm or 42 mm lateral mounting. Tilting possibilities for lateral (-20°/0°) and for post top (0°/+15°). A large choice of colour painting as standard : Texturized light grey (GY) by default - Texturized black (BK), Texturized anthracite (ANT), 48 other RAL possibilities. Pre-wired according to needs through configurator with lengths of cable from 3 to 16m. Option with quick connector IP67 M/F for refurbishment with existing cables retained.

DALI dimmable(HFX) / Bi-Power (BP) / Constant Light Output (CLO)/Light Reduction Twin Phases (LRT). Zhaga interface Up (ZU) / N7 Integral Nema socket - 7 pin, both ZD4i certified.

As Thorn Isaro

## Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
<b>Isaro Extra Small, Narrow road optic</b>				
IS XS 12L25-730 NR CL1 WS0.3 M60 GY-S	LED		3,1	96636129
IS XS 12L35-730 NR CL1 WS0.3 M60 GY-S	LED		3,1	96636130
IS XS 12L50-730 NR CL1 WS0.3 M60 GY-S	LED		3,1	96636131
IS XS 12L70-730 NR CL1 WS0.3 M60 GY-S	LED		3,33	96636132
IS XS 12L85-730 NR CL1 WS0.3 M60 GY-S	LED		3,33	96636133
IS XS 12L105-730 NR CL1 WS0.3 M60 GY-S	LED		3,33	96636134
IS XS 12L25-730 NR CL2 WS0.3 M60 GY-S	LED		3,07	96636147
IS XS 12L35-730 NR CL2 WS0.3 M60 GY-S	LED		3,07	96636148
IS XS 12L50-730 NR CL2 WS0.3 M60 GY-S	LED		3,13	96636149
IS XS 12L70-730 NR CL2 WS0.3 M60 GY-S	LED		3,13	96636150
IS XS 12L85-730 NR CL2 WS0.3 M60 GY-S	LED		3,13	96636151
IS XS 12L105-730 NR CL2 WS0.3 M60 GY-S	LED		3,13	96636152
IS XS 24L25-730 NR CL2 WS0.3 M60 GY-S	LED		3,27	96636336
IS XS 24L35-730 NR CL2 WS0.3 M60 GY-S	LED		3,27	96636337
IS XS 24L50-730 NR CL2 WS0.3 M60 GY-S	LED		3,27	96636338
IS XS 24L70-730 NR CL2 WS0.3 M60 GY-S	LED		3,27	96636339
IS XS 24L25-730 NR CL1 WS0.3 M60 GY-S	LED		3,3	96636340
IS XS 24L35-730 NR CL1 WS0.3 M60 GY-S	LED		3,3	96636341
IS XS 24L50-730 NR CL1 WS0.3 M60 GY-S	LED		3,3	96636342
IS XS 24L70-730 NR CL1 WS0.3 M60 GY-S	LED		3,3	96636343
<b>Isaro Small, Narrow road optic</b>				
IS S 24L25-730 NR CL1 WS0.3 M60 GY-S	LED		4,03	96636135
IS S 24L35-730 NR CL1 WS0.3 M60 GY-S	LED		4,03	96636136
IS S 24L50-730 NR CL1 WS0.3 M60 GY-S	LED		4,03	96636137
IS S 24L70-730 NR CL1 WS0.3 M60 GY-S	LED		4,03	96636138
IS S 24L85-730 NR CL1 WS0.3 M60 GY-S	LED		4,06	96636139
IS S 24L105-730 NR CL1 WS0.3 M60 GY-S	LED		4,06	96636140
IS S 36L25-730 NR CL1 WS0.3 M60 GY-S	LED		4,1	96636141
IS S 36L35-730 NR CL1 WS0.3 M60 GY-S	LED		4,1	96636142

## Isaro

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
IS S 36L50-730 NR CL1 WS0.3 M60 GY-S	LED		4,37	96636143
IS S 36L70-730 NR CL1 WS0.3 M60 GY-S	LED		4,37	96636144
IS S 36L85-730 NR CL1 WS0.3 M60 GY-S	LED		4,6	96636145
IS S 36L105-730 NR CL1 WS0.3 M60 GY-S	LED		4,6	96636146
IS S 24L25-730 NR CL2 WS0.3 M60 GY-S	LED		4	96636153
IS S 24L35-730 NR CL2 WS0.3 M60 GY-S	LED		4	96636154
IS S 24L50-730 NR CL2 WS0.3 M60 GY-S	LED		4	96636155
IS S 24L70-730 NR CL2 WS0.3 M60 GY-S	LED		4	96636156
IS S 24L85-730 NR CL2 WS0.3 M60 GY-S	LED		4,03	96636157
IS S 24L105-730 NR CL2 WS0.3 M60 GY-S	LED		4,03	96636158
IS S 36L25-730 NR CL2 WS0.3 M60 GY-S	LED		4,06	96636159
IS S 36L35-730 NR CL2 WS0.3 M60 GY-S	LED		4,06	96636160
IS S 36L50-730 NR CL2 WS0.3 M60 GY-S	LED		4,34	96636161
IS S 36L70-730 NR CL2 WS0.3 M60 GY-S	LED		4,34	96636162
IS S 36L85-730 NR CL2 WS0.3 M60 GY-S	LED		4,57	96636163
IS S 36L105-730 NR CL2 WS0.3 M60 GY-S	LED		4,57	96636164