

STR1 Streetlight



IP66



The STR1 is an LED road lantern designed for use in Zone 2 & 22 hazardous areas.

Key Features:

- Low windage design suitable for mounting on poles 7-10m
- High performance optical design for maximum spacing between poles
- Maintenance free LED design with five-year complete system warranty

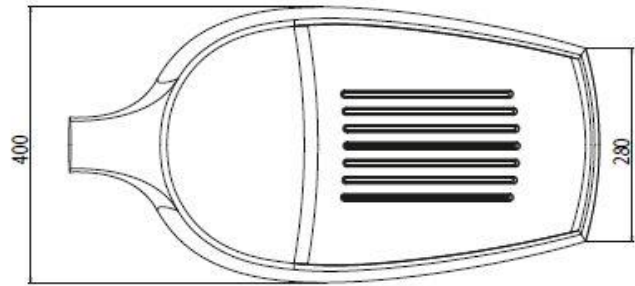
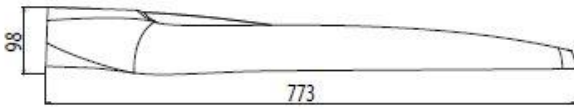
Luminaire Ratings

Product Reference	Lamp Type	Lumen Output (lm)	Power (W)	Windage (m ²)	Ambient Temperature	Weight (kg)
LX2STR5LB41	LED	15,187	120	0.07	- 50°C to +55°C	11Kg

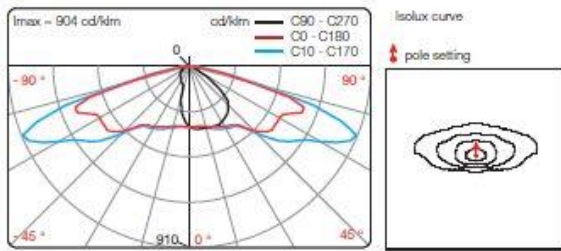
Standard Specifications

Luminaire Type	Zone 2 LED road lantern
Ingress Protection	IP66 to EN60529
Material	Epoxy painted die cast marine grade Aluminium body, polycarbonate diffuser, silicone gasket and stainless-steel fixings
Distribution/output	ERS standard road luminance optic
Lamp Types	Light emitting diode (4000K)
LED Life	60,000 hours L ₈₀ @ 50°C
Colour Rendering Index	>75
Cable Entry	1 x M20 clearance hole
Terminals	Terminals block for up to 4mm ² conductors
Control Gear	Electronic driver: EN60601-1 (CE), EN61204-3 (EMC), EN61000-4-5 (Surge Protection Class 4).
Orientation	Horizontal, beam down
Mounting	Side arm mounting – Ø60 to Ø62mm
Supply	90 to 305V 50/60Hz ac
Certification	
Area Classification	Zone 2 & 22, Gas and Dust
Type of Protection	Ex ec (increased Safety)
Apparatus Coding	Ex ec IIC T4 Gc, Ex tc IIIC T135°C Dc
Certificate	AB15ATEX4111X

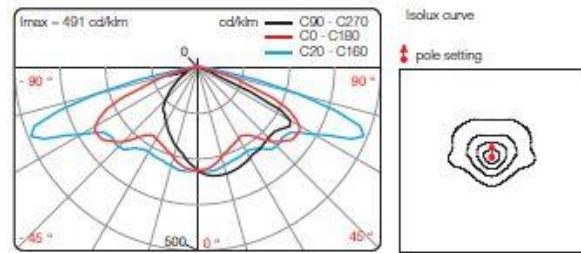
Luminaire Dimensions



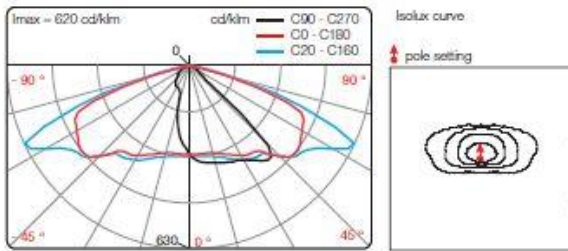
ERS Optic



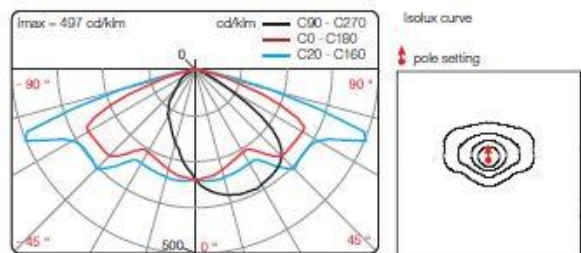
ERL Optic



LRS Optic



LRL Optic



Options

LB30	3000K (warm white) LEDs
ERL	Wide road luminance (emphasis on spacing)
LRL	Wide road luminance (emphasis on uniformity)
LRS	Standard road luminance (emphasis on uniformity)
MPC	Marine protective coating for coastal locations

Add the required suffix to the product reference.

Example: **LX2STR4LBPTERL** = Zone 2 LED streetlight, post top mount fitted with ERL optic

Accessories

LX4STR-PMB60MM	Post top bracket with 5° tilt (60-62 mm Ø)	
LX4STR-WB	Wall mounting bracket, 250mm outreach with 5° tilt	

Post top spigot reducers available on request – Reduce from 76 mm Ø spigot to 60 mm Ø spigot, can be painted to match post or luminaire.