

Warnings

Please read these instructions carefully before commencing any work.

- This is a Class I product and must be earthed.
- This unit must be fitted by a competent and qualified electrician.
- Install in accordance with IEE wiring regulations and current Building Regulations.
- To prevent electrocution switch off at mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge.
- This light fitting should be connected to a circuit with a 30mA RCD fitted.
- If replacing an existing fitting, make a careful note of the connections.
- When changing a bulb, always switch off at the mains and allow the bulb to cool down before handling.
- Always use the correct type and wattage bulb. Never exceed the wattage stated.
- The unit may get hot whilst on for a period of time.

**5 Year
Guarantee**

BOLLARD GUARANTEE

The Pro-Bollard Lighting Range has been made to the highest of standards. In the unlikely event of a fault developing within 5 years from the purchase date, please contact Exterior Lights UK Ltd to obtain a returns reference. After obtaining the reference, please return to the supplier they provide details of together with proof of purchase and it will be repaired or replaced.

In the case of accidental damage we may be able to supply spare parts or components.

See website for contact details.

**1 Year
Guarantee**

BULB GUARANTEE

In the unlikely event of a fault developing with the 20w LED Bulb within 1 year from the purchase date, please contact Exterior Lights UK Ltd to obtain a returns reference. After obtaining the reference, please return to the supplier given by us together with proof of purchase and it will be replaced.

The guarantees exclude accidental or malicious damage.

Pro Bollard Lighting

STELLED®

Marine Grade (316) Stainless Steel

Heavy Duty Commercial LED Bollard Light

Standard Mount 0.8m, 1.0m approx.

Ref: LSTEL80 / LSTEL100

20w LED Corn Bulb (Included)

Warm / Daylight White



BULB SPECIFICATIONS ON PAGE 3

INPUT: 220-240v - 50Hz

BULB HOLDER: ES/E27

MAX WATTAGE: 60w

MATERIALS: MARINE GRADE (316) STAINLESS STEEL - 3mm THICK

PROTECTION: Class I



IP65

Thank you for your purchase.
Please read these instructions carefully before use to ensure safe and satisfactory operation of this product and retain for future reference

www.exteriorlightsuk.co.uk

Safety Information

For your safety, always switch off the supply before changing light bulbs or cleaning the unit.

- The bollard head must be replaced immediately should the polycarbonate lens become cracked or damaged.
- This fitting must not be used without the polycarbonate lens fully intact.

Installation (Surface Mount)

J-Bolts have been supplied for mounting the bollard into wet concrete if desired.

Please refer to separate instructions if a professional root mount system model has been purchased

If not mounting into wet concrete, this bollard should be securely fixed to a concrete base, paving slab, or quality wooden decking. It should not be installed directly into soil. For fixing into existing paving slabs, concrete, or decking, heavy duty fixing screws and bolts will be required. Ensure the fixing screws / bolts are stainless steel or zinc plated to avoid corrosion.

- Remove 4 x screws at the foot of the bollard with the larger 4mm Allen Key provided and lift the bollard body from the base
- Position bollard base in the desired location, ensuring the supply cable is central to the base and sufficient cable is available to easily connect to the bollard connection box. **DO NOT USE IF CABLES ARE DAMAGED.**
- If using J-Bolts, use the set template to ensure they are fixed in the correct position.
- Secure the base in place with 3 x heavy duty fixing screws / anchor bolts (available from Lumena) as appropriate
- Replace bollard body

Wiring

Please Note: For models with a Photocell / PIR, the fourth connection on the connection block will already be wired to the Photocell / PIR and one connector will contain two neutral wires.

This should not be changed. Please test in darkness once wired.

For standard models, pull the supply wire up through the bollard and connect to the connection block as follows:

- Unscrew the 3 socket screws to remove the bollard head
- Remove the three screws that secure the bulb holder in place
- Remove bulb holder and turn over to reveal the black connection box
- Unscrew the 4 screws on the connection box and remove back to open, and remove connection block
- Push the cable through the grommet and complete wiring as follows:
 - Connect Live input wire to the correct point of the connection block (marked 'L')
 - Connect Neutral input wire to the correct point of the connection block (marked 'N')
 - Connect Earth input wire to the correct point of the connection block (marked ⊕)
- Check that you have correctly identified the supply wires, the connections are tight, that no loose strands have been left out of the connection block and all cables are fully intact
- Place terminal block back into the black connection box, replace back and screw in place
- Replace all removed components correctly (as per above) ensuring all screws are tight and secure

20w LED Bulb Specifications

Voltage:	220-240V
Lamp Type:	LED (Epistar 2835)
Number of LEDs:	135
Wattage:	20W
Colour Temperature:	6500K (Daylight White) / 3000K (Warm White)
Lumen Output:	2100 lumens (Daylight) / 1600 lumens (Warm)
Cap Type:	ES / E27
Average Life:	30,000 hours



Fitting / Replacing Bulbs

When changing a bulb, always switch off at the mains and allow the bulb to cool before handling. Use a soft cloth to handle your light bulb and avoid directly touching the bulb as this may shorten its life. Always handle at the base of the bulb as this will also prevent breakages. Do not exceed the wattage indicated on the fitting. Dispose of used bulbs carefully and responsibly (see below for more details).

- Remove the 3 x screws from bollard head using the Allen Key provided.
- Remove head from bollard
- Remove / insert screw base lamp
- Replace head and 3 x screws - ensure screws are secure

Recycling and Disposal Advice

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.

Check with your local authority or retailer for recycling advice and waste disposal sites or contact the WeeCare helpline on: 0844 8002004 quoting our Producer Registration Number: WEE/KC3440XY

CARE OF STAINLESS STEEL

Contrary to popular belief, stainless steel needs looking after; especially in exposed and coastal areas. If not cleaned on a regular basis, the acid that is ever present in the air (and salt in coastal areas) can affect the surface causing pitting and even rust like staining (known as 'tea staining') to appear. To keep stainless steel lights looking fresh, simply wipe clean with a damp cloth and dry once a month (more frequently in coastal areas if required). Specialist stainless steel cleaning products such as 'Kilrock Stainless Steel Cleaner' is recommended and stocked by Lumena. Abrasive cleaners should never be used.

Root Mount, Photocell & PIR options available for all STELLED Bollards

For more information please visit:

www.exteriorlightsuk.co.uk

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