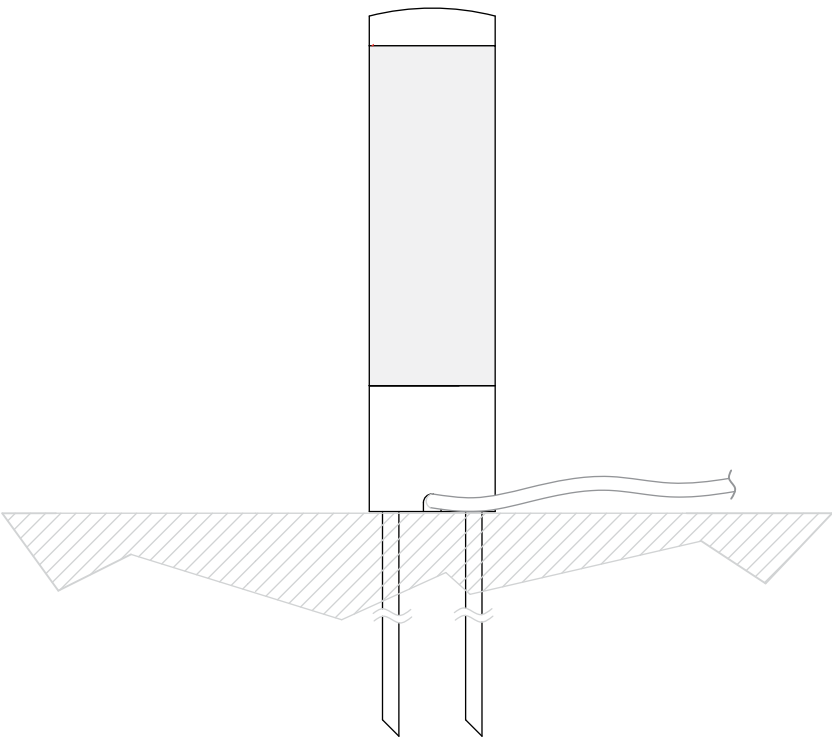


STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Bollard

Installation and Maintenance Instructions



IMPORTANT: All wiring connections must be made before switching on mains power.



MSL Star Oslon Square 2.9V_F 2W @ 700mA

IP66 Dust tight and protected against powerful jets of water.



This product should not be disposed of in your general waste



Please retain these instructions for future reference



Class III - Extra Low Voltage



Warning: Sharp point hazard



European Conformity

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Electrical Supply

Installation must be carried out by a qualified electrician in accordance with BS 7671:2008 Wiring Regulations. 230/240V AC 50/60Hz mains supply to a suitable SELV LED Driver.

Site conditions: LED equipment is more susceptible to static damage and overvoltage than previous technology. Before handling or connecting to the mains supply ensure that all MSL products are protected from static discharge and that the mains supply is to regulation. (230V +10 -6%)

Mains cables must be double insulated, strain relieved and separated from E.L.V output cables.

This unit requires a constant current driver. 700mA Max.

Observe polarity:
Positive (+) is marked as RED.
Incorrect supply or reverse polarity can cause irreparable damage.

Multiple fitting should be wired in series, refer to driver instructions for minimum/maximum load.

All connections must be made before switching on mains.

Dimming control circuit source must be of SELV insulation class.

Ensure supply driver and connectors are housed indoors OR in a suitably IP rated enclosure.

All lighting equipment is delicate and easily damaged through misuse or inappropriate installation (mechanical or electrical). Repairs and replacements may cause delays and will be chargeable. Contact MSL for support if required. For full warranty terms & conditions please visit our website.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

The entire dimming control circuit source must be of SELV insulation class.

Care must be taken when handling any ingress protection seals, glands or "O" rings to ensure they are kept clean, unblemished and replaced exactly in their required location and suitably fastened home.

Installation

Check that the ground is suitable for the installation of this fitting.

Step 1 Make mains connections to SELV LED driver and extra low voltage connections to the fitting.

Step 2 Push the fitting into the ground as required.

WARNING: Do not look at exposed LED lamps in operation. Eye injury can result.

Cleaning:

Fully isolate the fitting and allow to cool.

Clean the fitting with a slightly damp lint free cloth from a mild solution of soap and water. The fitting must be completely dry before reconnecting power.

Incompatible or abrasive chemicals can damage the fitting, contact MSL for advice if required.

Warning: Acrylic is a **fragile** material, handle with care.

Acrylic is susceptible to chemical attack, seriously compromising structural integrity if incompatible solutions are used.

