



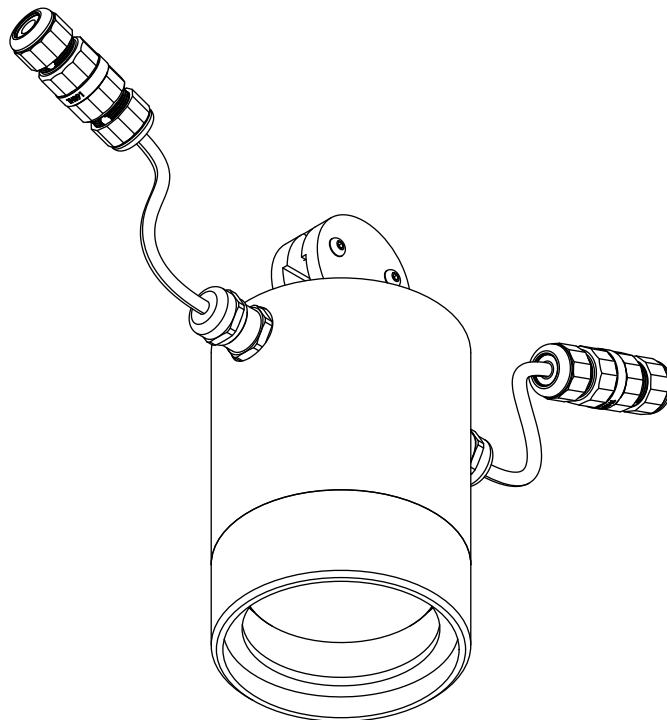
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**STOANE LIGHTING**

EQUIPMENT DESIGN + MANUFACTURE

## G-Cat 40mm Downlight

### Installation and Maintenance Instructions



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



Xicato LED Module



This product should not be disposed of in your general waste



Please retain these instructions for future reference



Class I - Fitting must be Earthed

**IP66** Dust tight and protected against powerful jets of water.



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.

Site conditions: LED equipment is more susceptible to static damage and over voltage 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%)

This fitting is supplied with a Xicato LED module. Refer to the fitting label for the module version and wattage. More information on the module can be found at [www.xicato.com/support](http://www.xicato.com/support)

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

**This unit contains a 48V constant voltage PSU.**

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

**For specific connections data see cable labelling.**

**All connections must be made before switching on mains.**  
If the supply is energised prior to making the connections to the fitting then the resulting surge will damage the LED.

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 IP rating stated is applicable only when the fitting has been installed as per these instructions.

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.

MSL can provide assistance on dimming compatibility or control systems by request. For advice on specific dimming systems we recommend seeking assistance from the commissioning engineer or the control systems provider in the first instance.

## Installation

Check that the suspension cable and mounting surface is suitable for the installation of this fitting.  
**Fitting Weight : 2.5kg.**

Step 1 Make mains and dimming connections to the fittings via the supplied connectors.

Step 2 Mount fitting to suspension wire as per details in box 2. Ensure that the M6 locking nut is used.

Cable ends must be suitably waterproofed. Inspect supply cables before installation to ensure there is no damage which will allow water to enter the fitting.

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.

After opening the sealed portion of the luminaire for any reason, MSL recommends running the fitting for 15 minutes with the lid open to expel moisture before closing it up. This will prevent condensation on the lens and protect the fitting from corrosion.

All suspended installations should be inspected by a competent person at least once a year

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

Additional items should not be hung or suspended from this fitting. MSL takes no responsibility for additional items added by others or the consequences of those items.

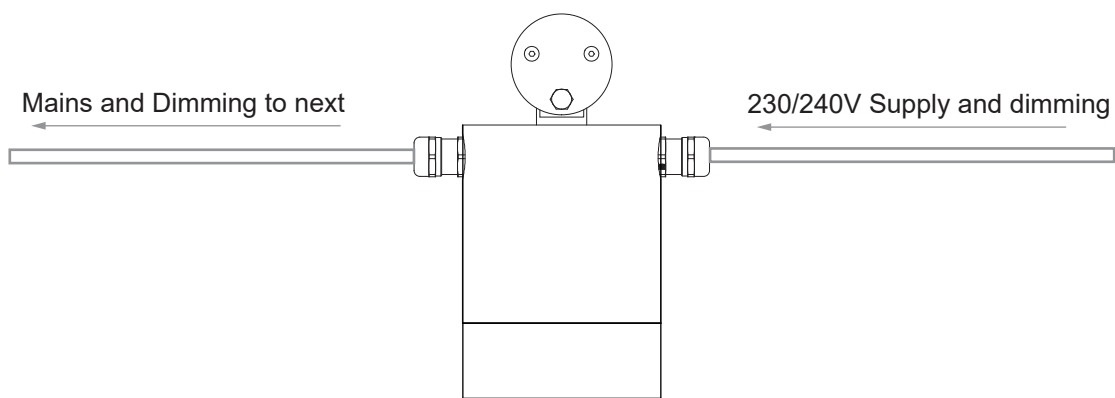
## Cleaning:

Fully isolate the fitting and allow to cool.

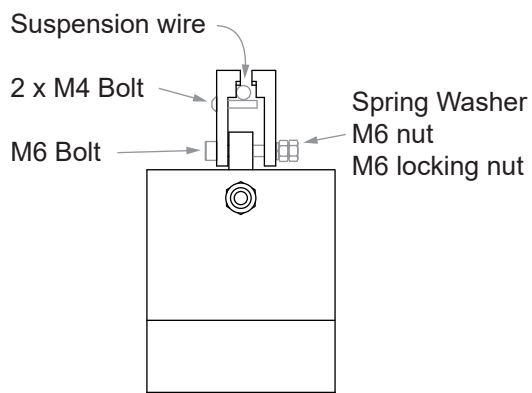
Clean the fitting with a slightly damp lint free cloth from a mild solution of soap and water. The fitting must be completely dry before reconnecting power.

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

1



2



Secure the suspension wire between the suspension clamp using the 2 x M4 bolts

Step 1 Remove the M4 Bolts.

Step 2 Loosen the M6 nut until the wire can be inserted into the suspension clamp.

Step 3 Tighten the M6 bolt into the spring washer and M6 nut. Tighten the M6 locking nut against the inner nut.

Step 4 Replace the 2 x M4 bolts removed in step 1 and tighten.

Recommended torque settings;  
M4 bolt - tighten to 2.2Nm  
M6 Bolt - tighten to 7.6Nm