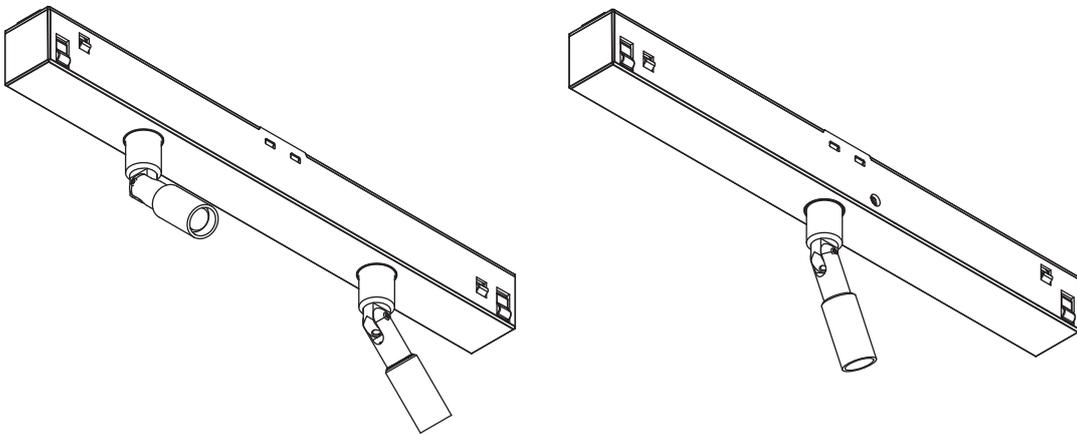


Protozoa Track

Installation and Maintenance Instructions



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

☑ MSL Type P 2.9V_F 0.6W @ 200mA (per LED)

♻️ This product should not be disposed of in your general waste

📄 Please retain these instructions for future reference

⚡ Class III - Extra Low Voltage

IP20 Indoor Use Only

CE 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 48V DC PSU.

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%)

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

This unit requires a 48V constant voltage PSU connected to suitable Stucchi Multisystem track.

Observe polarity when making connections to the lighting track.

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.

When supplying digital equipment with the potential to be connected to networks, physically or wirelessly (i.e. Bluetooth, WiFi, DMX radio etc.), MSL does not take responsibility for the digital security of the equipment or associated networks. It is the customer's responsibility to select a protocol suitably robust for their requirements and to ensure responsible utilisation of passwords.

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.

Caution - This product contains magnets. Magnets are dangerous if ingested, can affect pacemakers and other magnetically sensitive equipment.

Installation

Check that the track is mounted securely and is capable of supporting the total weight of the fittings installed.

The track should be isolated from the supply before adding or removing fittings.

Step 1 Insert the fitting into the track.

Step 2 Make mains connections to the 48V PSU and extra low voltage connections to the track.

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.

Adjustable Beam

To tighten the beam rotate the bezel anticlockwise. Take care not to fully unscrew the bezel. Minimum beam width 13°.

To widen the beam rotate the bezel clockwise. Maximum beam width 60°.

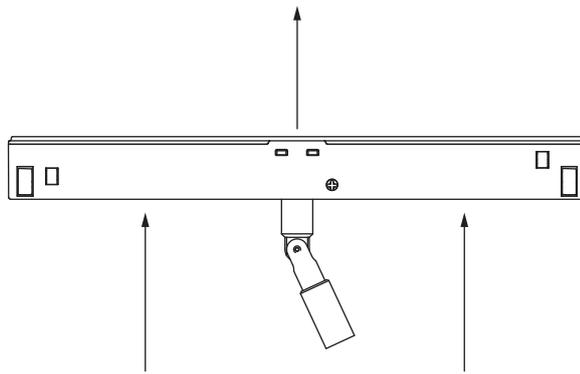
Cleaning:

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.

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Push the fitting carefully into the track, pushing only on the track component.

Adjustment

This tilt of this fitting can be adjusted as required and will remain in position once adjusted. The pan lock for this fitting is locked via the fixing within the track adaptor (shown below).

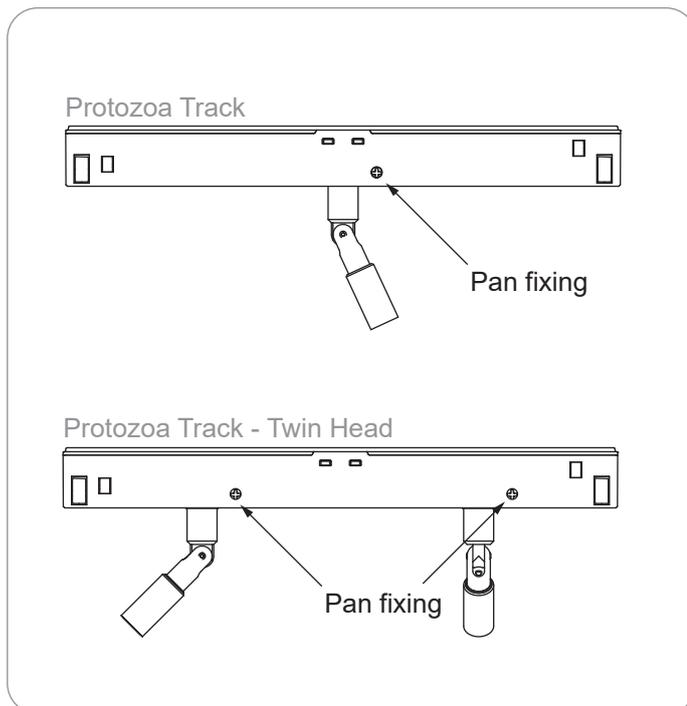
To adjust the pan;

Isolate the fitting and allow to cool before handling.

Step 1 Remove the fitting from the track.

Step 2 Loosen the pan fixing shown below and adjust the pan as required.

Step 3 Once the required position has been achieved tighten the pan fixing to lock in place and reinsert the fitting into the track.



Track Removal Tool

To aid with removing the fitting from the track a suitable tool has been supplied. The fitting should **not** be removed from the track by holding the protozoa fitting.

Isolate the track before removing the fitting.

Fit the pointed end of the tool under the track adaptor and pry the adaptor out of the track enough to allow you to remove the adaptor.

