

Faro

INSTALLATION MANUAL



IP20



Class III

- The protection against electric shock is based on the use of an safety extra low voltage power supply (SELV).
- No provision for earthing is provided.

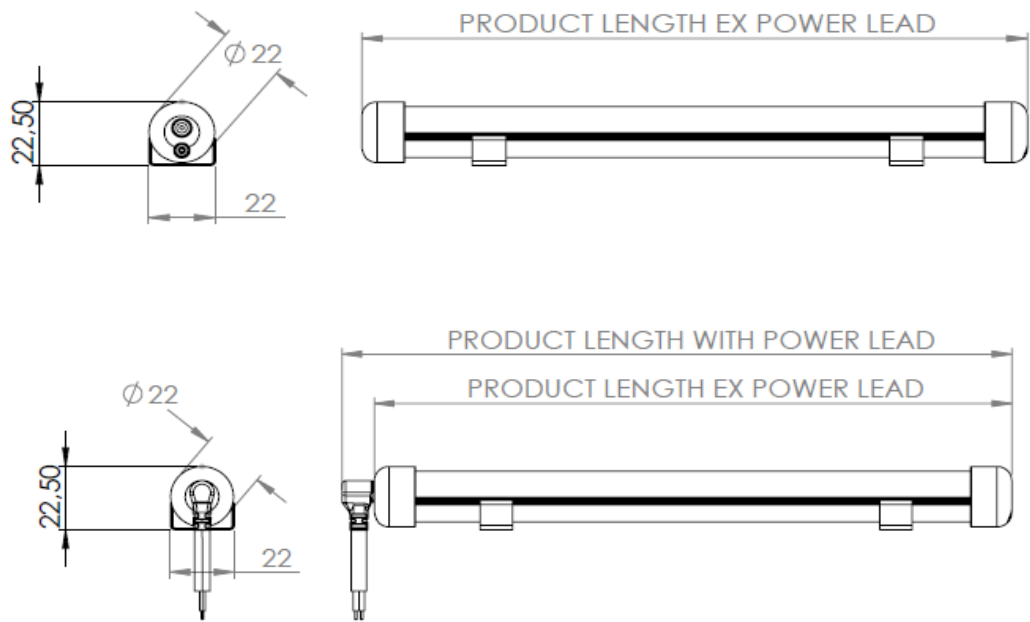
Installation Requirements

- This fixture must be supplied with SELV voltage that does not exceed 50VAC and is 24V. Follow the PSU parameters for input power from the socket.
- **MAXIMUM INTERCONNECTION MUST NOT BE EXCEEDED (RISK OF FIRE) EG. 15W/m = 4m MAX**
- LLSA ensures a 2 kV surge protection on our PSU, anything out of this range will void warranty provided.
- Improper installation might cause an electric shock accident.
- Use an authorized electrical professionals to do the installation, repair and maintenance of the light fixture.
- Cut off the power before and during installation, maintenance and repair of the light fixture.
- Do not install the light fixture on top of or near hot objects to avoid damage. (For example hot gas pipes, exhaust funnels or stoves)
- Make sure no fire regulations are violated.
- Do not cover the lamp with a heat insulating material.
- Do not look directly at the light fixture for a long period of time to avoid eye damage.
- The use of third party replacement parts is not recommended by the manufacturer for it will lead to warranty void.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- Do not cover the lamp with a heat insulating gasket or similar material.

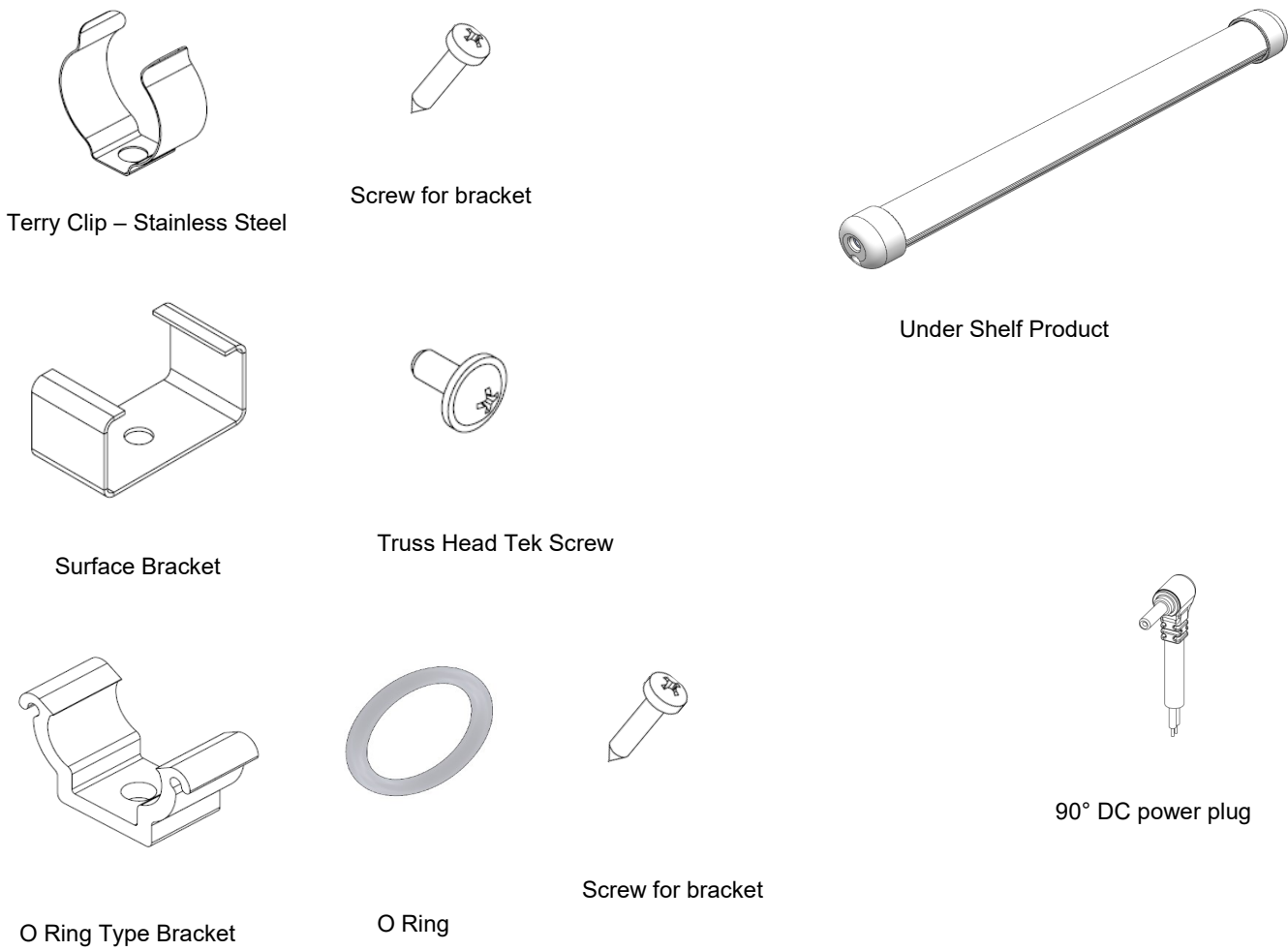
Cleaning and Maintenance of Enclosure

- **Do not use solvent-based cleaning agents, this will cause cracks to form in the plastic diffuser covers.**
- Clean with a damp cloth and silicone-based cleaning agent. (Such as Mr Min)

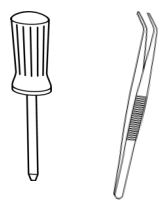
Product Information



Product Parts



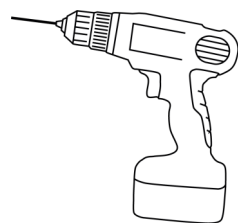
Installation Tools



Small flat screwdriver
or small tweezer

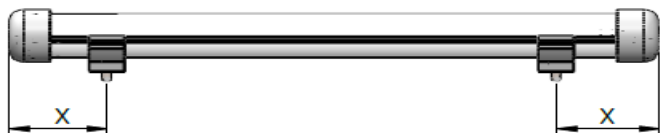


M4 Philips
screwdriver



Electric drill and
material appropriate
drill bit

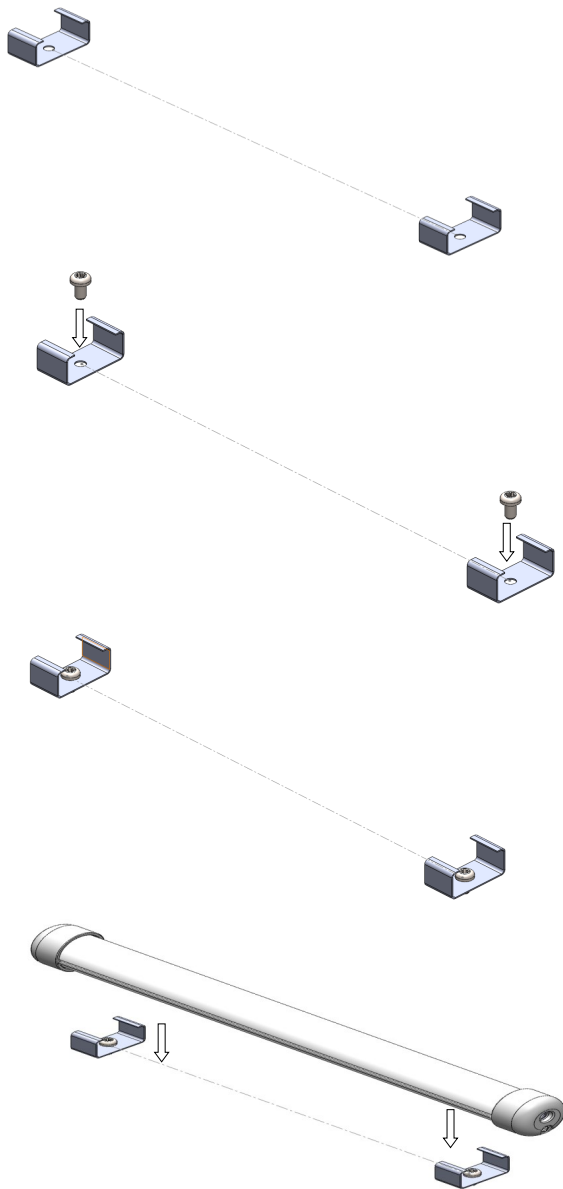
PRODUCT LENGTH	MOUNTING POINTS	MOUNTING POINT "X"
568 - 912	2	75MM
998 - 1600	2	100MM



Mounting Methods

Instructions (steps to follow)

- Surface Mounted



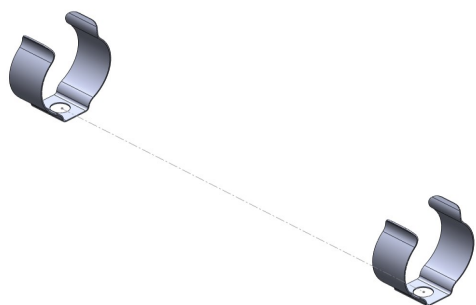
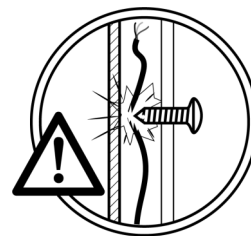
⇒ Align the mounting holes of the

⇒ Secure the brackets to the mounting surface , using the screw provided.

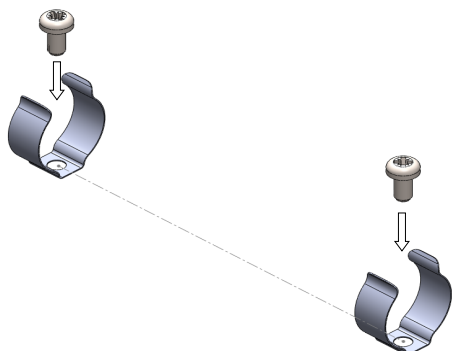
⇒ Insure that the brackets are securely fastened to the mounting surface.

Instructions (steps to follow)

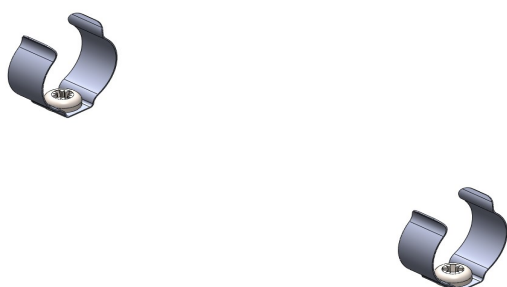
- Terry Clip : Screw mounting



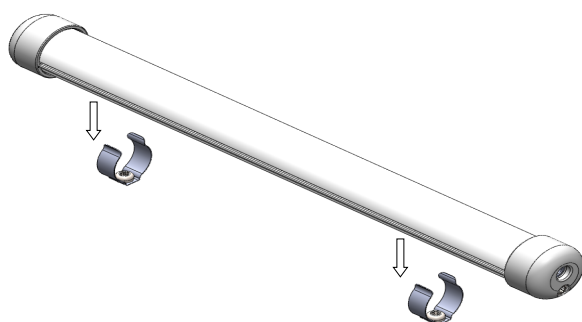
⇒ Align the mounting holes of the bracket.



⇒ Secure the brackets to the mounting surface , using the screw provided.

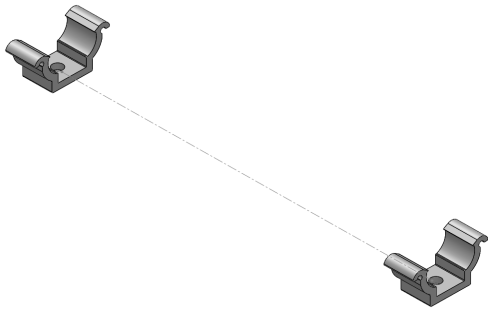


⇒ Insure that the brackets are securely fastened to the mounting surface.

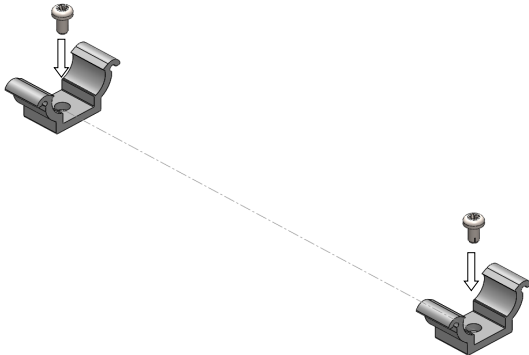


Instructions (steps to follow)

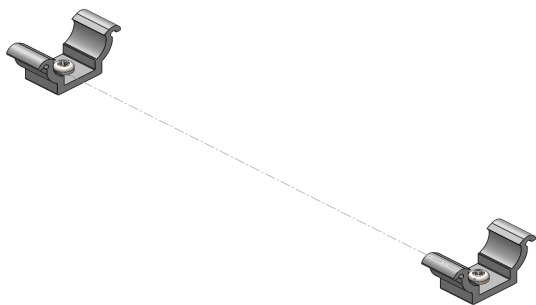
- O-Ring Bracket



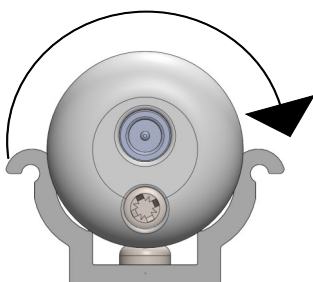
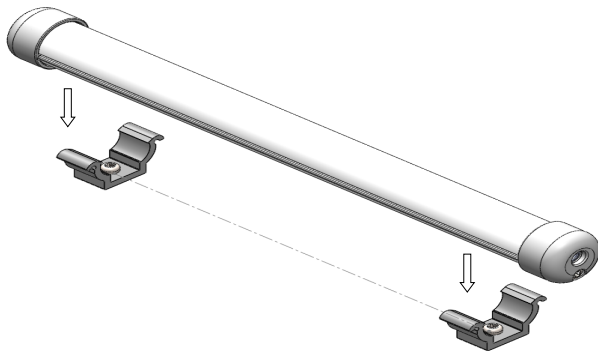
⇒ Align the mounting holes of the bracket.



⇒ Secure the brackets to the mounting surface , using the screw provided.



⇒ Insure that the brackets are securely fastened to the mounting surface.

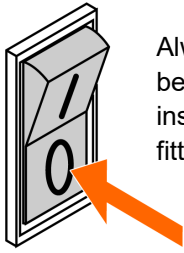


⇒ Once the product is installed into the mounting bracket , install the o ring onto the bracket.

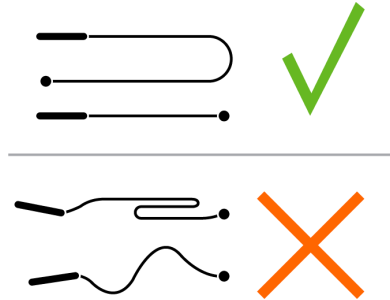


Connecting to Power

Notes and instructions



Always ensure the power has been disconnected before installation and connecting the fittings.



Ensure neat and proper cable management at all times.

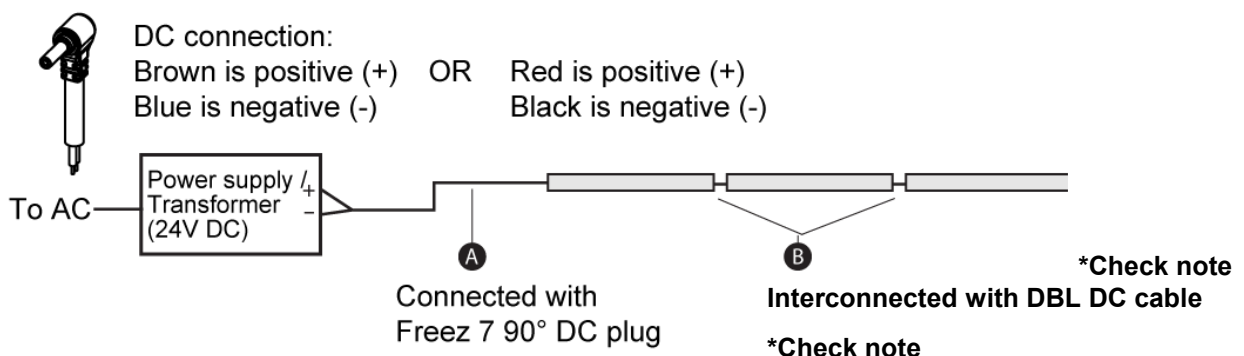
Failure to do so might result in cable failure and / or damage.



- Use a small flat screwdriver or tweezer to remove the IP plug without causing damage to the end cap.
- Ensure the DC plug are properly connected & pushed in all the way into the end cap.
- Never use the fitting with an open end cap. All end caps need to be sealed with either an IP Plug or DC connector.

Wiring diagrams

Example series connections (one string)



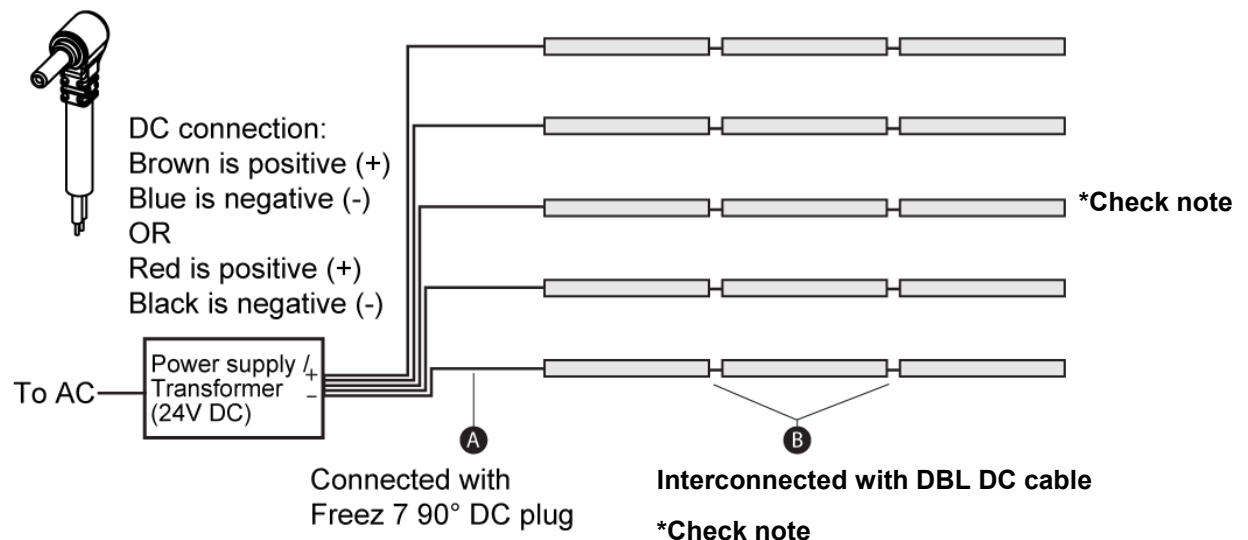
*NOTE:

10W/m Do not exceed more than 7m of interconnected product

15W/m Do not exceed more than 4m of interconnected product

RISK OF THERMAL DAMAGE TO CONNECTORS / RISK OF FIRE IF MAXIMUM LENGTH EXCEEDED

Example parallel connections (more interconnected strings)



Installations

Under Shelf



***NOTE:**

10W/m Do not exceed more than 7m of interconnected product

15W/m Do not exceed more than 4m of interconnected product

RISK OF THERMAL DAMAGE TO CONNECTORS / RISK OF FIRE IF MAXIMUM LENGTH EXCEEDED