Sentinel Hazardous Location Lighting

Important Information

This manual contains safety information, please read carefully and follow the instruction strictly.

WARNING: INSTALLATION & SECONDARY RETENTION

Improper installation and handle, including secondary safety retention/securing/netting, may cause severe injury or death. We recommend that all installations should use secondary retention and/or safety netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end customer to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is installed safely (with secondary retention and/or safety netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under the relevant law, we disclaims all responsibility for personal injury and/or other damage resulting from any dislodgement or other dislocation of this product.

WARNING

To avoid the risks of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician in accordance with all applicable electrical rules and regulations.

Safety Instructions:

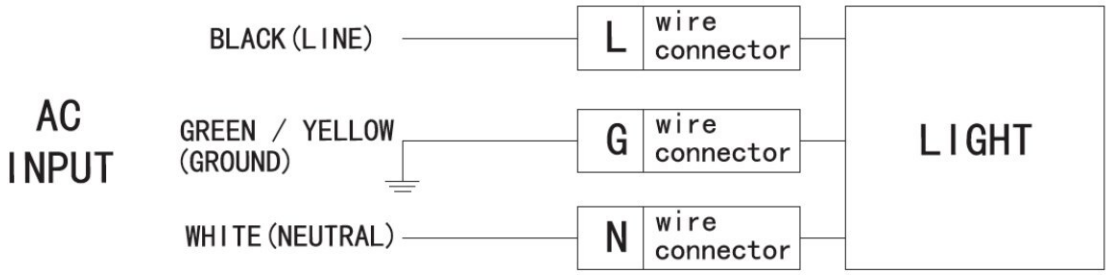
- Be certain, the electrical power is OFF before and during installation and maintenance.
- Make sure the supply voltage is the same as the rated luminaire voltage.
- The technical data indicated on the LED luminaires are to be observed.
- Any change on the design and modifications to the LED luminaire are not permitted.
- Observe the national/regional electrical safety rules and regulations during installation.
- LED beads are NOT replaceable. Replacement of whole set of light fixture is strongely recommended.
- All wiring connections should be capped with UL approved wire connectors.
- Luminaire MUST be well grounded.
- Any combustible materials MUST be kept away from the luminaire.
- Min 90°C supply conductors.
- Do not open the cover after installing the luminaire.

Maintenance:

1. To avoid personal injury, before maintaining, disconnect the light first, and then wait for the luminaire temperature dropping into the safe range.
2. All parts must be checked by mechanical means to ensure they are properly assembled.
3. The external luminous surface should be cleaned regularly to ensure continued luminaire performance. Wipe the glass with a clean, wet, non-abrasive, and lint-free cloth. If this is not sufficient, use mild soap or liquid cleaner. Do NOT use an abrasive, strong alkaline or acid detergent which might damage the luminaire.
4. Check the cooling fins of the luminaire and remove the dust or other sorts of things which accumulated on the luminaire.
5. Visual, electrical and mechanical inspections on the luminaire should be on a regular basis. We highly suggest that this routine inspection should be done at least once a year. The environment condition, where the luminaire installed, determines the frequency of inspection.
6. All electric connections MUST be checked and ensured that they are clean and firm.

Electrical Connections:

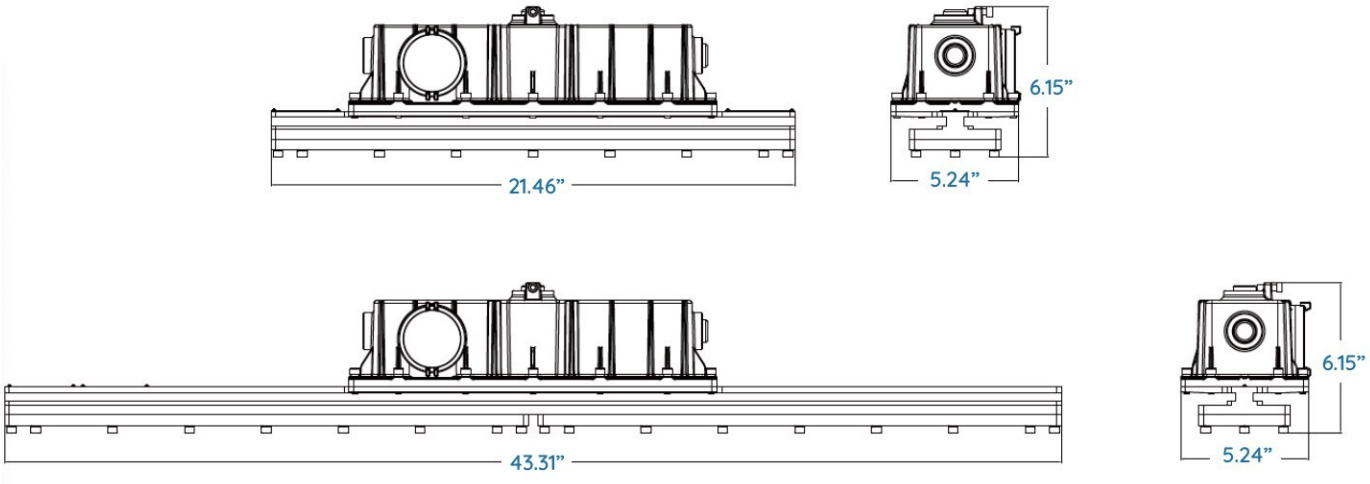
WARNING:
Cut off the electric power supply from the circuit breaker or the fuse before wiring luminaire to the circuit.
Do not connect the dimming wires.
The connections are marked on the wire connec- tor or on a label and are presented figure below.



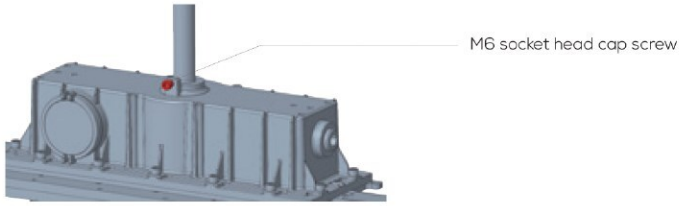
Installation & Operation:

1. Loosen the circular Tank cover on the luminaire.
2. Attach the Tank to the 3/4" NPT conduit.
3. Thread the wire through conduit, and connect to wire connector.
4. Re-attach the circular Tank cover to the luminaire.
5. Check the tightness of conduit and Tank.

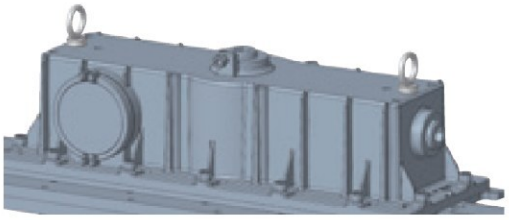
Technical Diagrams:



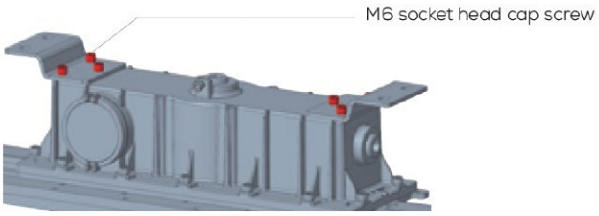
Pendant:
Fix the light with screws after installation and wiring; Torque: 7 N-m



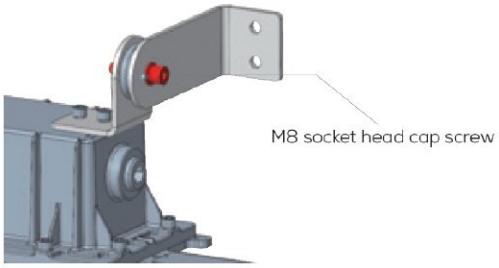
Chain Mount:
1. Fix the the ring to the lamp.
2. Fix the the chain to the ring.
3. Mount the luminaire.
4. Connect wires to the wire connector.



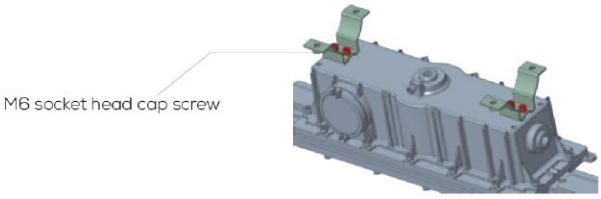
Flush Mount by Ceiling-Bracket:
1. Fix the bracket on the lamp with M6 screws;
   Torque: 7 N-m;
2. Mount the luminaire;
3. Connect wires to the wire connector.



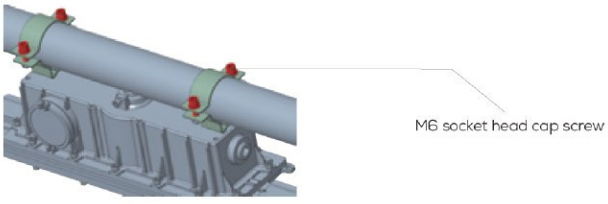
Ceiling / Wall Swivel mount:
Once mounted, the angle of the luminaire can be adjusted by loosening the M8 socket head cap screw on each side of the bracket. When loosening, do not back bolt out more than 5 full rotations. When the desired angle has been achieved, the bolts can be tightened to lock in the angle.
Torque: 10 N-m.



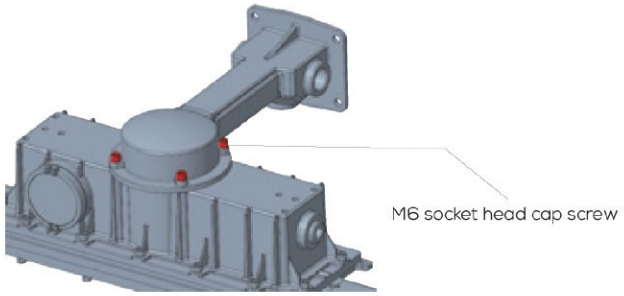
Pole mount:
Install the lower collar on the lamp body and lock it with M6 hexagon socket screws
Torque: 7 N-m



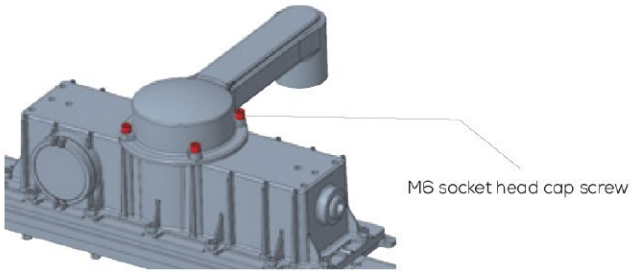
After it is installed on the pipe fitting, the upper collar is fixed and locked with M6 inner hexagon screws; Torque: 7 N-m



Slip Fitter (Wall):
1. Fix Slip Fitter to wall
2. Mount the luminaire; Torque: 7 N-m.
3. Connect wires to the wire connector.



Slip Fitter (Stanchion):
1. Fix Slip Fitter to pole.
2. Mount the luminaire; Torque: 7 N-m.
3. Connect wires to the wire connector.



Models:

Suitable for Class I, Division 1, Group C and D, Class I, Division 2, Group A, B, C and D, Luminaires, Model(s):

SENT2-03-U, 120V

SENT2-05-U, 120V

SENT2-07-U, 120V

SENT2-10-N, 347V

SENT2-10-U, 120V

SENT4-07-U, 120V

SENT4-10-N, 347V

SENT4-10-U, 120V

SENT4-14-N, 347V

SENT4-14-U, 120V

SENT4-17-N, 347V

SENT4-17-U, 120V