

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 recommends 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 Instruction:

To avoid electric shock:

- 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 strongly 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.

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 glass 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

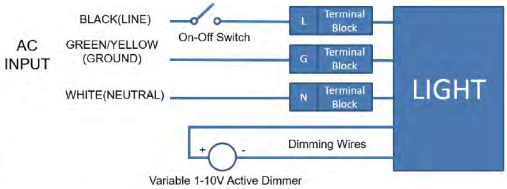
WARNING:

Cut off the electric power supply from the circuit breaker or the fuse before wiring luminaire to the circuit.

NEVER connect the dimming wires to the Live or Neutral terminals.

The connections are marked on the terminal block or on a label and are presented figure below.

Do not connect the dimming wires if the dimming function is not needed.



Installation & Operation

Electrical Connection (GHSL series) :

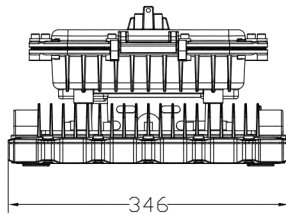
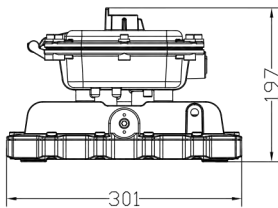
1. Loosen the M6 Socket head cap screws on the Driver Cover
2. Attach the Driver Housing to the 3/4" NPT conduit.
3. Thread the wire through conduit, and connect to the terminal.
4. Connect the wires to the branch circuit. (If series connection is needed.)
5. Re-attach the Driver cover and tight it by M6 Socket head cap screws with torque value 7 N-m.
6. Check the tightness of conduit and Driver Housing.

Electrical Connection (GHSM series) :

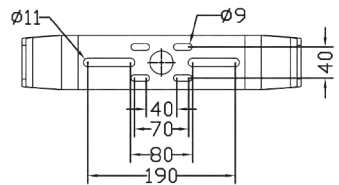
1. Connect the wires to the branch circuit.
2. Thread the wire through conduit, and connect to the terminal.
3. Check the tightness of conduit and Driver Cover.

Technical Diagrams

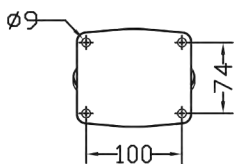
Dimensions: mm



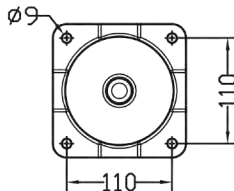
U-bracket



Slip Fitter (Wall)

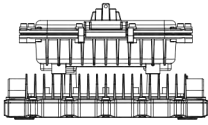


Slip Fitter (Ceiling)

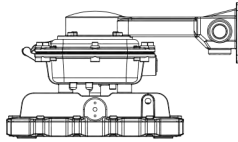


Installation

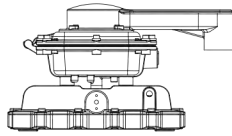
Pendant



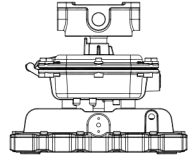
Wall 90°



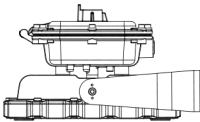
Stanchion90°



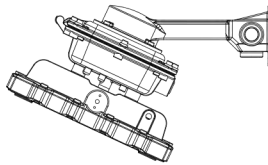
Ceiling



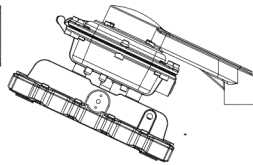
U-Bracket



Wall 25°



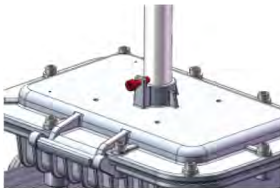
Stanchion25°



*Slip Fitter (Wall/Stanchion/Ceiling) Is not suitable for Class 1 Div1

Pendant:

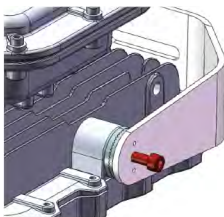
Fix the light with screws after installation and wiring
Torque: 7 N-m



M6 socket head cap screw

U-bracket:

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: 20 N-m.



M8 socket head cap screw

Slip Fitter:

- 1 Fix Slip Fitter to Driver Cover.
 - 2 Then tighten the screw.
- Torque: 7 N-m.



- 3 Mount the luminaire;
- 4 Connect wires to the terminal block;
- 5 Re-attach the Driver cover and tight it by M6 Socket head cap screws with torque value 7 N-m.



Models:

Models GH; followed by SL or SM; followed by -32, -24, -16, -13,-10,-06, or -03;followed by U or N

GHSL	32: 200W	U:100-277V N:347-480V
	24: 150W	
	16: 100W	
	13: 80W	

Operating characteristic:

- Rated Voltage: 100-277 Vac , 377-480 Vac , 50/60Hz
- Ambient Temperature Range: -40°C (-40°F) ~ +65 °C (149 °F)

Installation

Model GHSL is suitable for use in the following hazardous (classified) areas as defined by the National Electrical Code (NEC) and Canadian Electrical Code (CEC):

- Class I, Division 1 Groups C D
- Class I, Division 2 Groups A B C D
- Class II, Division 1 Groups E F G
- Class III , Division 1

Refer to the luminaire nameplate for specific classification information, maximum ambient temperature suitability and corresponding operating temperature (T-Code).

Packing List

Content	Quantity	Including
Luminaire	1pc	√
Installation Manual	1pc	√