

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:

- 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.
- No user replaceable parts, for repair or replacement of parts return luminaire to manufacturer.
- 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:

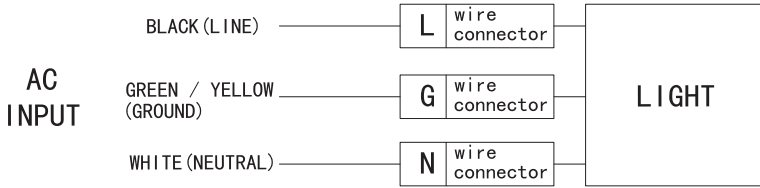
1. To avoid personal injury, before maintaining, disconnect the light first, and then wait for the luminaire temperature dropping into the safe range.
2. All parts must be checked by mechanical means to ensure they are properly assembled.
3. The external glass should be cleaned regularly to ensure continued 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.

The connections are marked on the wire connector or on a label and are presented figure below.

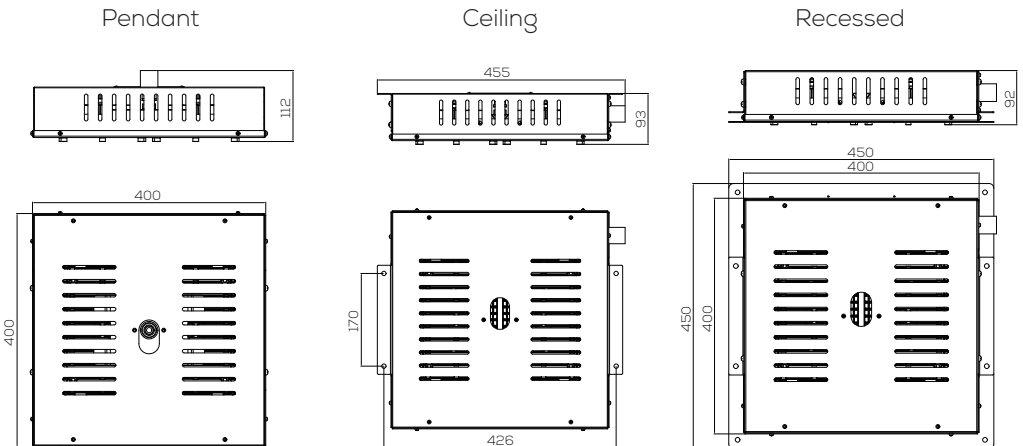


Installation & Operation

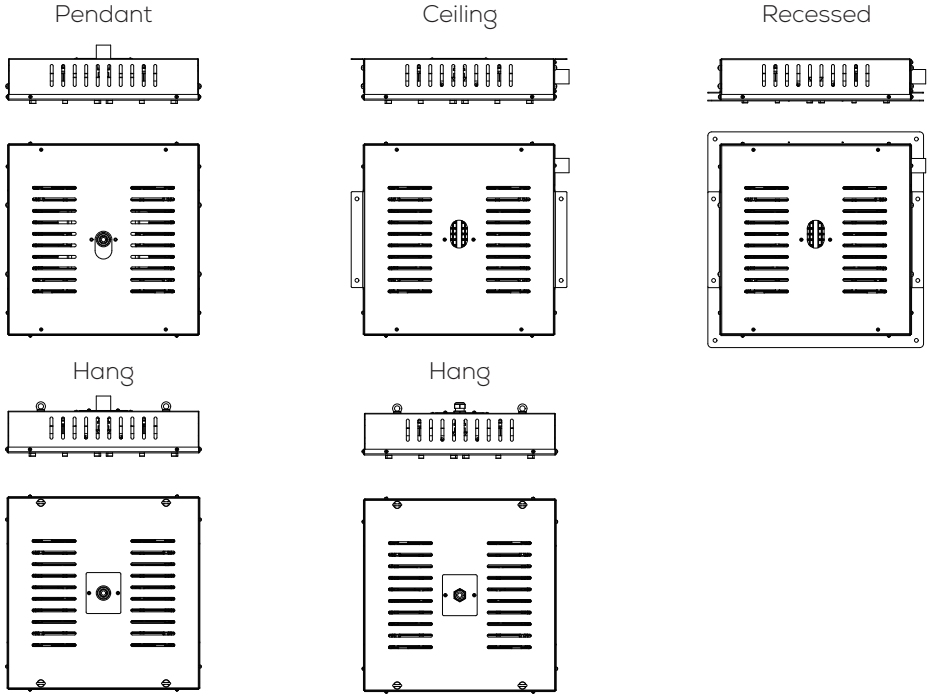
1. Connect wires.
2. Attach the Tank to the 3/4" NPT conduit.
3. Check the tightness of conduit and Tank.

Technical Diagrams

Dimensions: mm



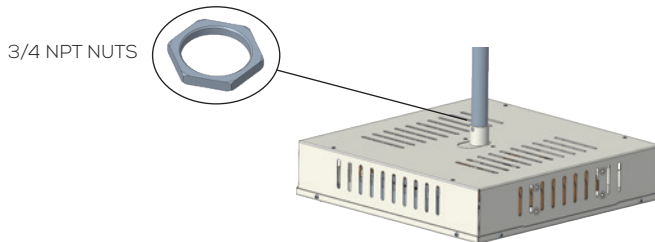
Installation



Pendant:

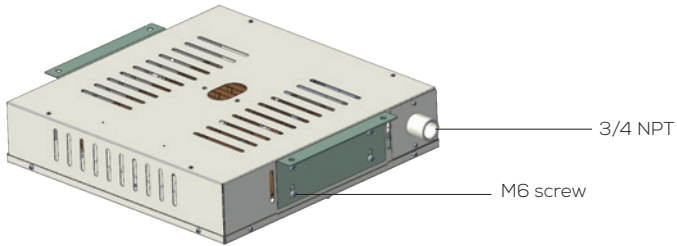
1. Fix the light after wiring.
2. Locking 3/4 NPT nuts.

* NPT3/4 threads need to be reliably installed to ensure the waterproof performance of the Luminaire.

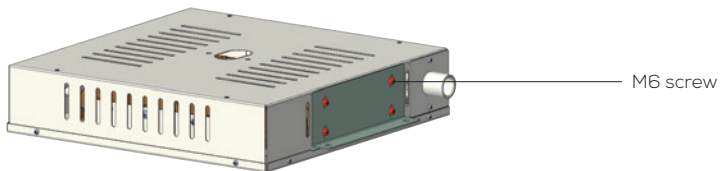


Ceiling:

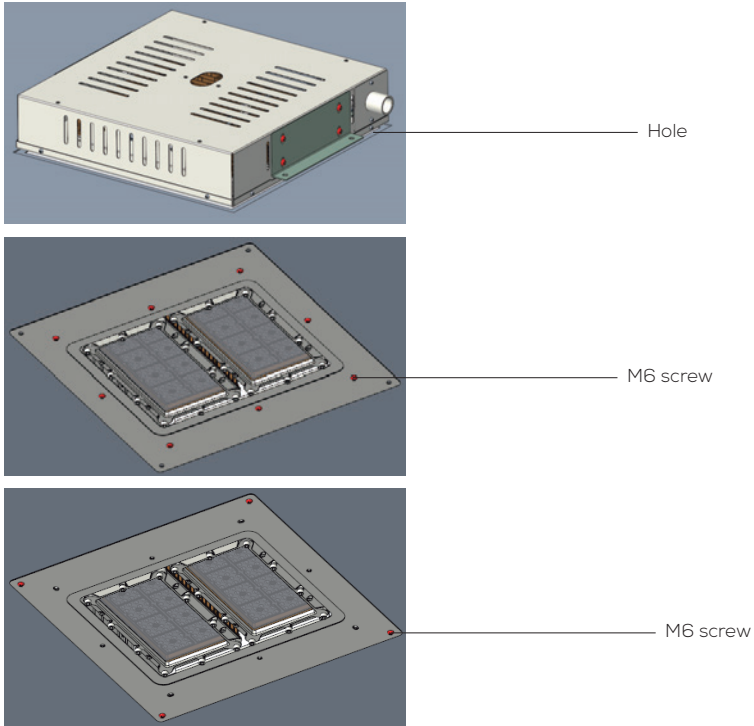
1. Fix both side panels with M6 screw.
2. Connect wires.
3. Mount the luminaire to the ceiling with self-tapping nails.

**Recessed:**

1. Fix both side panels with M6 screw.
2. Tilt and bring the Luminaire Main Body into the hole.
3. Place the Luminaire Main Body by horizontal onto the hole.
4. Mounting panel with M6 screw.
5. Fix the panel to the ceiling with self-tapping nails.

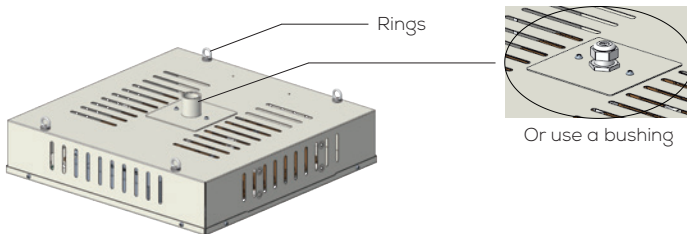


* NPT3/4 threads need to be reliably installed to ensure the waterproof performance of the Luminaire.



Chain Mount :

1. Fix the rings to the lamp.
2. Mount the luminaire with chains.
3. Connect wires to the wire connector.



* NPT3/4 threads need to be reliably installed to ensure the waterproof performance of the Luminaire.

Models:

Models GH; followed by CP

Models	Power	Rated voltage	Ambient Temp (ceiling mounted)	Ambient Temp (hang mounted and pendant mounted)
GHCP-10-U GHCP-10-N	60W	U:100-277V N:347-480V	-40°C (-40°F) ~ +50 °C (122 °F)	
GHCP-12-U GHCP-12-N	75W	U:100-277V N:347-480V		
GHCP-20-U GHCP-20-N	120W	U:100-277V N:347-480V	-40°C (-40°F) ~ +45 °C (113 °F)	-40°C (-40°F) ~ +50 °C (122 °F)
GHCP-24-U GHCP-24-N	150W	U:100-277V N:347-480V		

General Information :

Model GHCP 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 2 Groups A, B, C, D

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