ETG-HHR
HazLoc High Bay Round User Manual

Image is for iillustration purposes only.
Your model may vary.

GENERAL SAFETY INFORMATION

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions and other hazards, please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, please follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified, licensed electrician.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- Make sure that the supply voltage is the same as the luminaire voltage.
- DO NOT install where the marked operating temperatures exceed the ignition temperatures of the hazardous atmosphere.
- DO NOT operate in ambient temperatures above those indicated on the luminaire nameplate.
- All gasket seals must be clean and undamaged.

WARNING:

RISK OF ELECTRICAL SHOCK

- Luminaire shall have provision for connection to threaded rigid metal conduit or other wiring methods in accordance with Article 502 in the National Electrical Code, NFPA 70.
- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements and Hazloc requirements and make sure they are suitable for wiring system.
- All wiring connections should be capped with UL approved wire connectors.
- Luminaire must be supplied by a wiring system with an equipment grounding conductor.

CAUTION:

RISK OF INJURY

- Tightly close when energized for safety
- Do not open the luminarie after installation
- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Properly handle small parts and destroy packing material, as these may be hazardous to children.

RISK OF FIRE

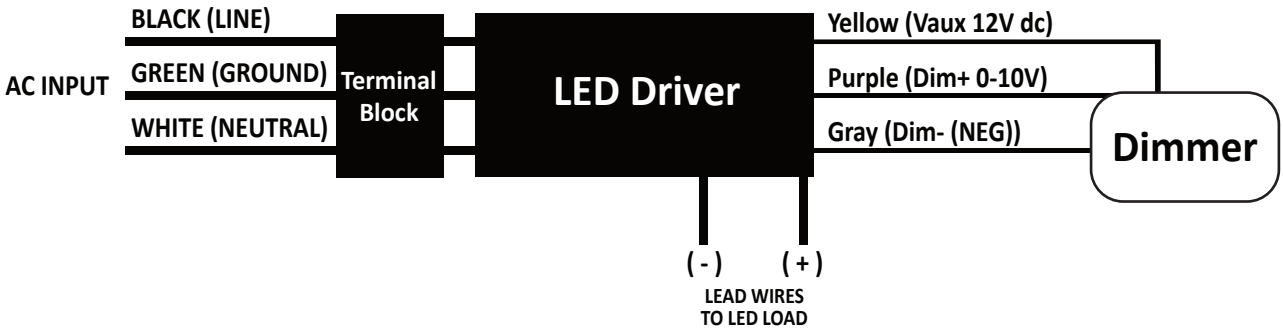
- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 90ºC SUPPLY CONDUCTORS.

GENERAL WIRING DIAGRAM

• **CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Connecting panels to AC source supply:
All units must be individually connected to the AC supply.

Black = Line	Yellow = (Vaux 12V dc)
White = Neutral	Purple = (Dim+ 0-10V)
Green = Ground	Gray = (Dim- (NEG))

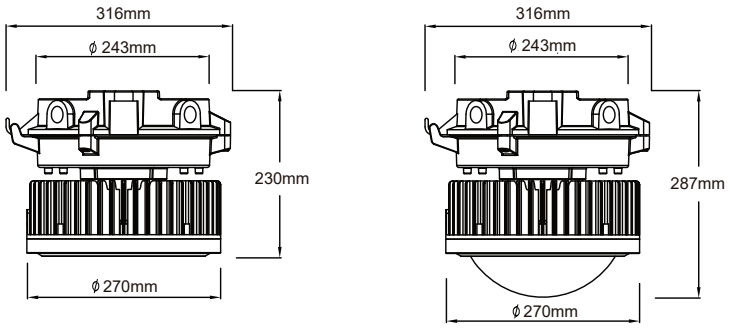


INSTALLATION & OPERATION

Electrical Connection:

1. Loosen the eight M6 hexagon bolts of Tank Cover with torque value 6 N-m.
2. The thread of entry hole of Tank is 3/4" NPT. Attach the Tank to suitable conduit.
3. Inset the wire from outside through the conduit and the entry hole of Tank, then connect to Terminal Block.
4. Introduce the wires of branch circuit as following:
   - **Black wiring connects to Line**
   - **White wiring connects to Neutral**
   - **Green wiring connects to Ground**
5. Re-attach the Tank Cover and tighten it by eight M6 hexagon bolts of Tank Cover with torque value 6 N-m.
6. Check the tightness of conduit and Tank Cover.

Product Size:



Installation:

Ceiling

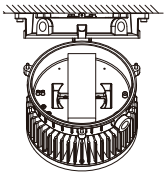
Step 1. Mark and drill desired location on mounting surface. Secure the hood with 4 (M10) expansion bolts (not provided) directly to a structural member; thread onto a NPT 3/4 inch conduit.

Step 2. Hang the fixture onto the hinge hook of the hood. Connect supply wires to luminaire wire leads (or Wago connectors provided)

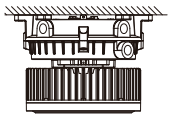
Step 3. Close driver housing, making sure that all wires are safely inside driver. Tighten three captive closing screw (M6) to (6 N-m).

Note: All installation must refer to "NPT Assembly Instructions" to prevent water leakage.

Step 1



Step 2



Step 3

Bracket

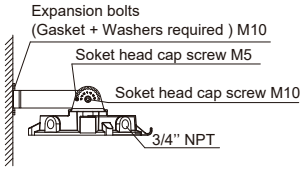
Step 1. Secure the bracket and hood with 4 (M10) expansion bolts (not provided) directly to a structural member; make sure the hinge is located as marked, (See Figure 1a.) Adjust the angle (6x15°) of the bracket and fix the position with M5 screws (provided).

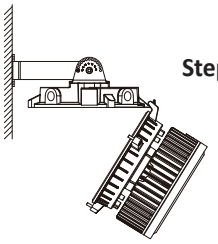
Step 2. Hang the fixture onto the hinge hook of the hood. Connect supply wires to luminaire wire leads (or Wago connectors).

Step 3. Close driver housing, making sure that all wires are safely inside driver. Tighten three captive closing screw (M6) to (6 N-m).

Note: All installation must refer to "NPT Assembly Instructions" to prevent water leakage.

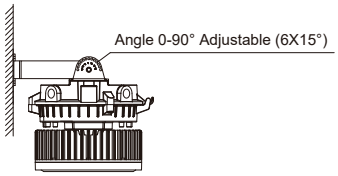
Step 1
Figure 1a





Step 2

Step 3



Pendant

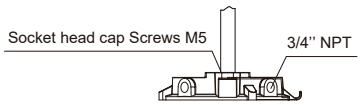
Step 1. Thread the pendant hood onto the NPT 3/4 inch conduit. Tighten the M5 set-screw.

Step 2. Hang the fixture onto the hinge hook of the hood. Connect supply wires to luminaire wire leads (or Wago connectors).

Step 3. Close driver housing, making sure that all wires are safely inside driver. Tighten three captive closing screw (M6) to (6 N-m).

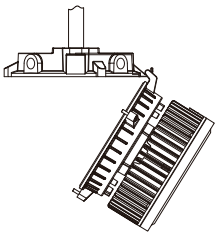
Note: All installation must refer to "NPT Assembly Instructions" to prevent water leakage.

Step 1

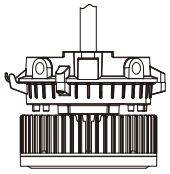


Step 1

Step 2



Step 3



Stanchion 25º / Stanchion 90º

Step 1. Securely thread the adapter onto the appropriate NPT size conduit. Determine the appropriate orientation and tighten the M5 set-screw. Make sure the gasket of the adapter is properly inserted into the slot.

Step 2. Hang the hood onto the adapter, align as marked.

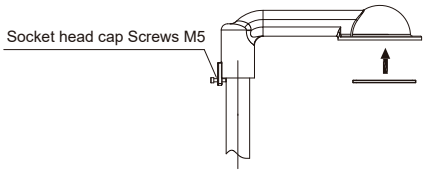
Step 3. Rotate the hood clockwise and secure the adapter with M5 screws (provided) to (5 N-m).

Step 4. Hang the fixture onto the hinge hook of the hood, Connect supply wires to luminaire wire leads (or Wago connectors).

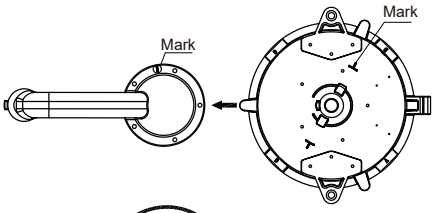
Step 5. Close driver housing, making sure that all wires are safely inside driver. Tighten three captive closing screw (M6) to (6 N-m).

Note: All installation must refer to "NPT Assembly Instructions" to prevent water leakage.

Step 1



Step 2



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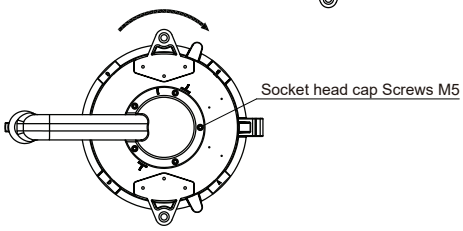
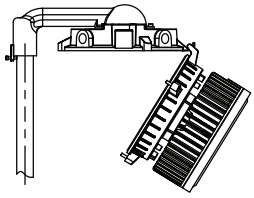
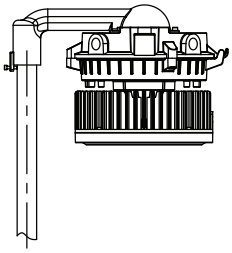


Step 4



Step 5



Wall 90º

Step 1. Mark and drill desired location on mounting surface, secure the junction box (provided) with 4 (M8) expansion bolts (not provided) directly to a structural member; thread onto a NPT 3/4 inch conduit.

Step 2. Pull field wiring into the wall mount adapter. Secure the adapter with 6 (M4) screws (provided) directly to the junction box. Make sure the gasket of the adapter is properly inserted into the slot.

Step 3. Hang the hood onto the adapter, align as marked.

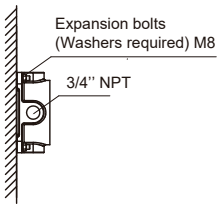
Step 4. Rotate the hood clockwise and secure the adapter with M5 screws (provided) to (5 N-m).

Step 5. Hang the fixture onto the hinge hook of the hood and Connect supply wires to luminaire wire leads (or Wago connectors).

Step 6. Close driver housing, making sure that all wires are safely inside driver. Tighten three captive closing screw (M6) to (6 N-m).

Note: All installation must refer to "NPT Assembly Instructions" to prevent water leakage.

Step 1



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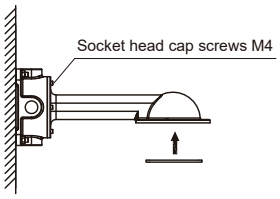

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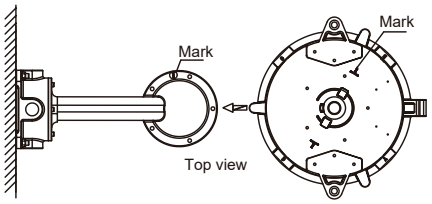

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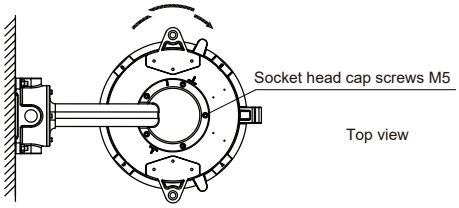
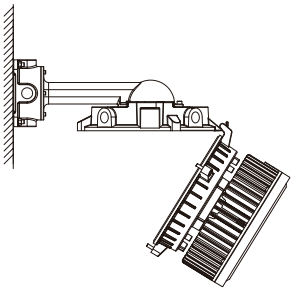


Step 5



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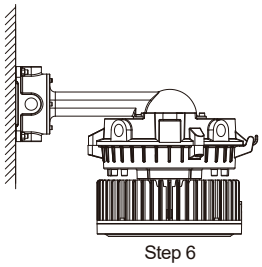


NPT Assembly Instructions

Step 1. Inspect port and fitting to ensure that both are free of contaminants and excessive burrs and nicks.

Step 2. Apply a stripe of an anaerobic liquid pipe sealant around the male threads leaving the first two threads uncovered. If no liquid sealant is available, wrap Teflon tape (width of 12.7mm and thickness of 0.1mm) 2.5- 3 turns in a clockwise direction, viewed from the pipe end, leaving the rest two threads uncovered.

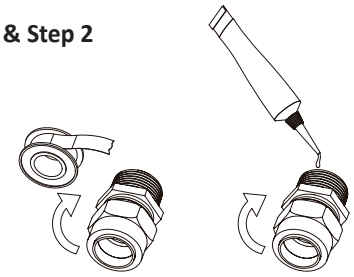
CAUTION: Teflon tape and some pipe sealants are destructive to hydraulic components. Always use extreme caution and follow manufacturer's recommendations for proper application of any sealant in order to prevent contamination.

Step 3. Screw finger tight into the port

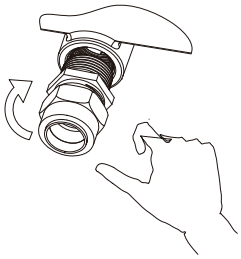
Step 4. Wrench tighten the fitting to the correct Turns Past Finger Tight position. A properly assembled fittings total thread engagement should be 3.5 to 6 turns.

CAUTION: Never back off an installed pipe fitting to achieve proper alignment. Loosening installed pipe fittings will corrupt the seal and contribute to leakage and failure.
*(*Applicable standard: ASME B1.20.1-2013)*

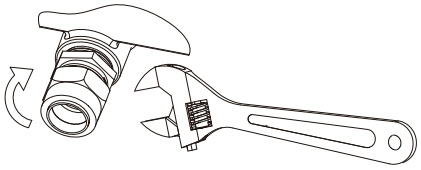
Step 1 & Step 2



Step 3



Step 4



SERVICING

- To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.
- Perform visual, electrical and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks should be made at least once a year.
- The external lens should be cleaned periodically to ensure continued luminaire performance. Clean the glass with a clean damp, non-abrasive, lint-free cloth. If this is not sufficient, use a mild soap or a liquid cleaner. DO NOT use an abrasive, strong alkaline or acid cleaner as damage may occur.
- Inspect the cooling fins on the luminaire to ensure that they are free of any contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
- Mechanically check to make sure all parts are properly assembled.
- Electrically check to make sure that all connections are clean and tight.

TECHNICAL SUPPORT

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