

ETG-HLB

HazLoc Low Bay User Manual

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 electrician.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- 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

- 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.
- 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

- 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.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION

RISK OF FIRE

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



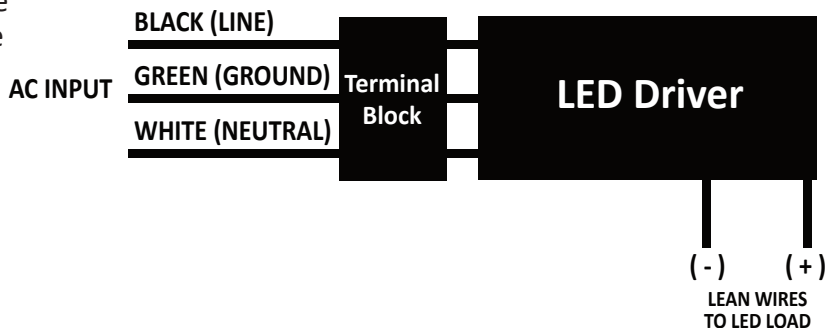
Image is for illustration purposes only.
Your model may vary.

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
White = Neutral
Green = Ground



INSTALLATION & OPERATION

Electrical Connection:

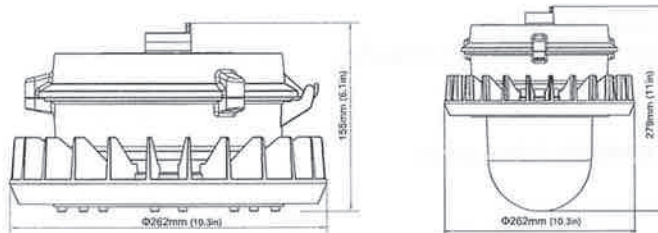
1. Loosen the three M5 socket head cap screws with spring washers of Tank Cover with torque value 5 N-m.
2. The thread of entry hole of Tank is 3/4" NPT. Attach the Tank to suitable conduit.
3. Inset the wire from outside through the conduit and the entry hole of Tank, then connect to Terminal Block.
4. Introduce the wires of branch circuit as following:

Black wiring connects to Line

White wiring connects to Neutral

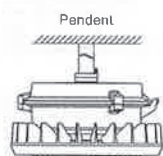
Green wiring connects to Ground

5. Re-attach the Tank Cover and tighten it by three M5 socket head cap screws with spring washers with torque value 5 N-m.
6. Check the tightness of conduit and Tank Cover.

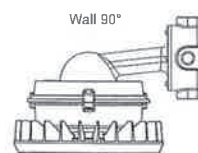
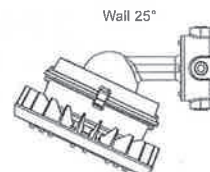
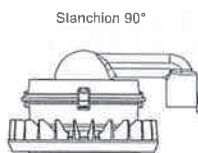
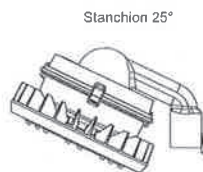
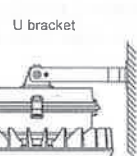
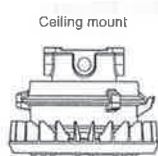


Type of Installation

standard

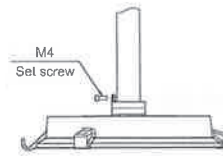


optional



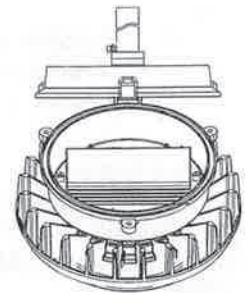
**Installation:
Pendant**

Step 1. Fix the Tank cover on the NPT 3/4" threaded pipe then tighten M4 fastening screws



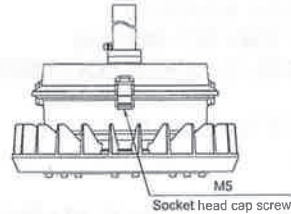
Step 1

Step 2. Connect electrical part



Step 2

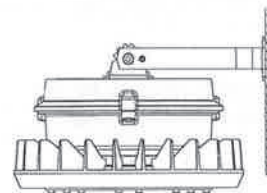
Step 3. Use three M5 socket head cap screws to fix the luminaire with torque value 5 N-m.



Step 3

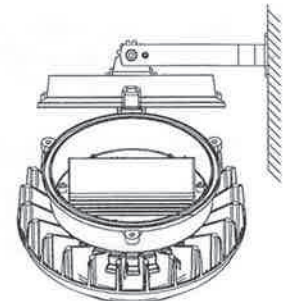
U Bracket

Step 1. Use four M8 expansion bolts to fix the bracket to the wall



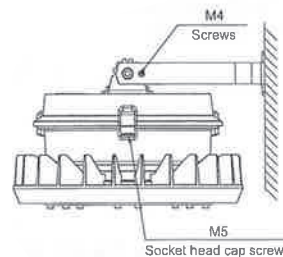
Step 1

Step 2. Connect electrical part



Step 2

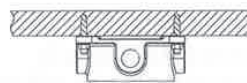
Step 3. Use three M5 socket head cap screws to fix the luminaire with torque value 5 N-m, adjust the angle of the lamp and use M4 screws to fix



Step 3

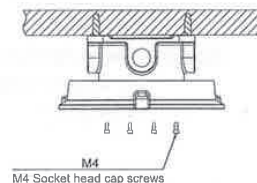
Ceiling

Step 1. Use four M8 expansion bolts to fix the bracket to the ceiling



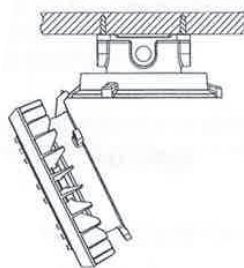
Step 1

Step 2. Use the six M4 hexagon socket screws with torque value 3 N-m to fix the driver cavity cover to the bracket



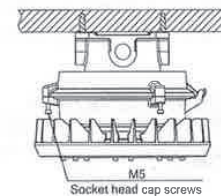
Step 2

Step 3. Lights should be hung on the driver cavity cover, and connect the wires



Step 3

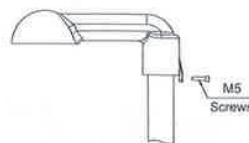
Step 4. Use three M5 socket head cap screws with torque value 5 N-m to fix the fixture



Step 4

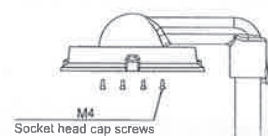
Stanchion 25° / Stanchion 90°

Step 1. Screw the bracket into the pole then tighten M5 fastening screws



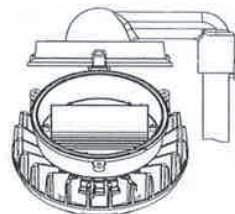
Step 1

Step 2. Use six M4 hexagon socket screws to fix the Tank cover to the bracket with torque value 3 N-m



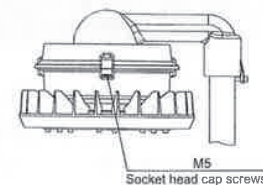
Step 2

Step 3. Connect electrical part



Step 3

Step 4. Use three M5 socket head cap screws to fix the luminaire with torque value 5 N-m



Step 4

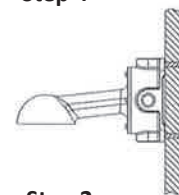
Wall 25° / Wall 90°

Step 1. Use four M8 expansion bolts to fix the bracket to the wall



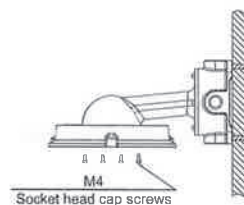
Step 1

Step 2. Use six M4 hexagon socket screws to fix bracket with torque value 3 N-m



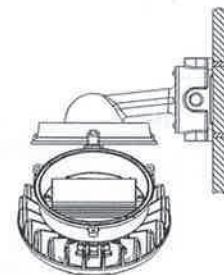
Step 2

Step 3. Use six M4 hexagon socket screws to the driver cavity cover to the bracket with torque value 3 N-m



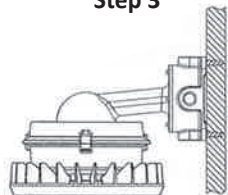
Step 3

Step 4. Connect electrical part



Step 4

Step 5. Use three M5 socket head cap screws to fix the luminaire with torque value 5 N-m



Step 5

Wiring Installation

In the FIGURE A, the NPT 3/4" joint is sealed with a pipe sealant or ptfе tape

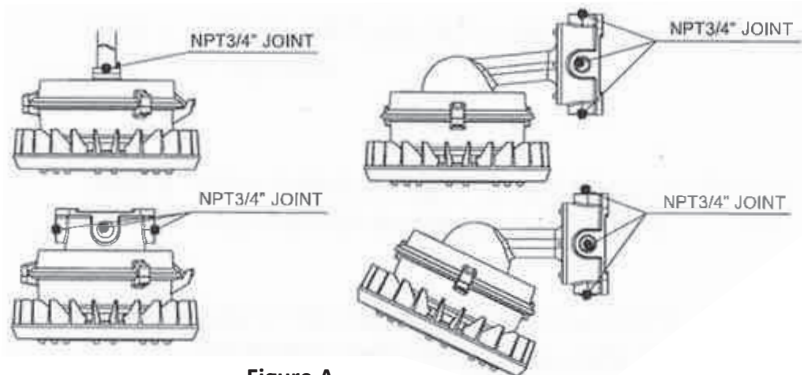


Figure A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

NOTE 2: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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. Frequency of use and environment should determine this.
- The external glass 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.

HOUSING

- Heavy-duty Anodized Die Casting Aluminum
- Shell surface of electrostatic spraying - long lasting and durable
- Shell protection - Over-voltage and Over-heat protection
- Exposed fasteners with quality stainless steel
- Excellent anti-corrosive property

TECHNICAL SUPPORT

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