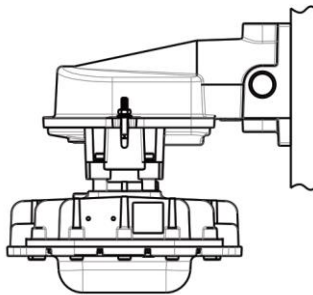


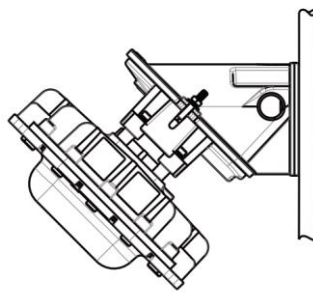
FOR USE WITH MODEL NUMBERS:
HZXW01 HZXW45 HZXS45



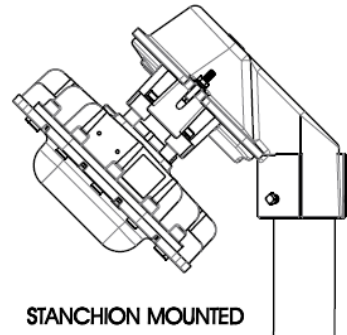
These instructions contain important safety information, read and follow them carefully. Dialight will not accept any responsibility for injury, damage or loss which may occur due to incorrect installation, operation or maintenance



0 DEGREE WALL MOUNTED
HZXW01



45 DEGREE WALL MOUNTED
HZXW45



STANCHION MOUNTED
HZXS45

1: Introduction

Model HZXxxx is suitable for use in the following locations:

- **HAZARDOUS LOCATIONS:** CLASS I DIV 2 GROUPS A, B, C, D
- **NON-HAZARDOUS LOCATIONS:** SUITABLE FOR WET LOCATIONS
UL1598/1598A

Note: Save these instructions for future reference.

2: Installation

 **Warning:**

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

 **Warning:**

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.

⚠ Hazardous:

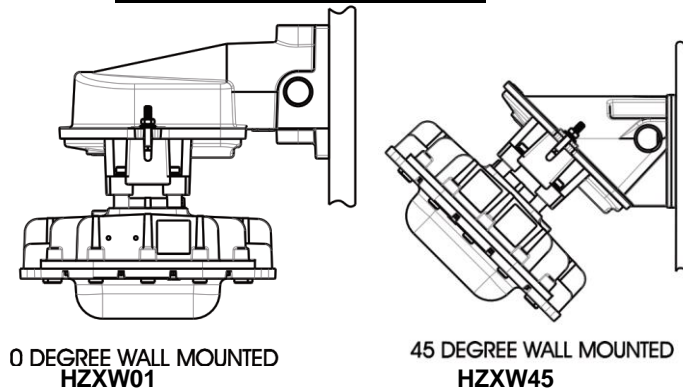
- DO NOT let power cord touch hot surfaces
- DO NOT mount near gas or electric heaters
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommend by the manufacture may cause an unsafe condition
- DO NOT use this equipment for other than intended use

⚠ Warning:

- The technical data indicated on the Luminaire are to be observed.
- Changes to the design and modifications of the Luminaire are not permitted
- Only genuine Dialight replacement parts are to be used when unforeseen maintenance is required

For supply connections use wire rated for at least 90°C
Recommended mounting height: 8 feet to 24 feet (2.4 m to 7.3 m)

Wall Mount Steps:



NOTE: Wall Mount Fixtures are to be mounted to vertical surfaces structurally adequate to support the fixture in a safe manner. All 5 conduit connection ports are 3/4"-14 NPT. The 0° Wall Mount (HZXW01) shown in all figures below. All steps also apply to the 45° Wall Mount (HZXW45).

1. Assure electrical power is OFF.
2. Mark and drill 4 holes of the appropriate size and depth to accept 5/16" (or M8) diameter threaded fasteners (not supplied). Spacing per **Figure 1** on the next page.

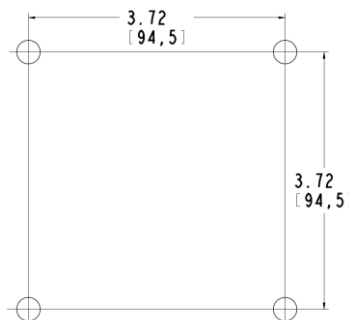


Figure 1: Required Hole Pattern for Wall Mount (HZXW01 & HZXW45)

3. Firmly secure the Wall Mount to the wall surface using four 5/16" (or M8) diameter fasteners with the appropriate anchoring system. Fastener hardware not provided. **See Figure 2.**

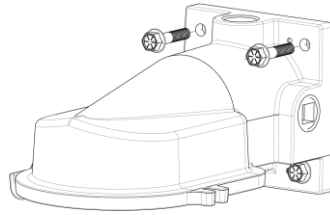


Figure 2: Anchor Wall Mount to Wall

4. Attach 3/4" NPT threaded conduit into the required threaded hub and bring the electrical wiring into the Wall Mount. All conduit connections and unused 3/4" hubs must be environmentally sealed. Un-used threaded hubs are closed using the NPT threaded plugs provided or equivalent.

NOTE: If connecting to the rear 3/4-14 NPT port (port facing the wall) use a cable connector (or gland) properly rated for the application to seal the Wall Mount fixture. Cable gland not supplied

NOTE: The Wall Mount is supplied with 5 conduit entries; top, bottom, left, right and rear. The top conduit entry hub is open (no NPT plug). If this port is not used, assure it is environmentally sealed using a proper 3/4" NPT plug.

5. Hang the Area Light on the Wall Mount Bracket. Make sure you do not pinch any of the wires during this process. **See Figure 3**

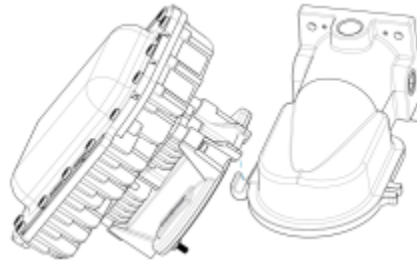


Figure 3: Hang Area Light on Bracket

6. Make all wire connections per local electric code. **See Figure 4**
 - o For single phase (120 / 277 VAC):
 - Green wire connects to Safety Ground. (use pigtailed supplied)
 - White wire connects to Neutral
 - Black wire connects to HOT

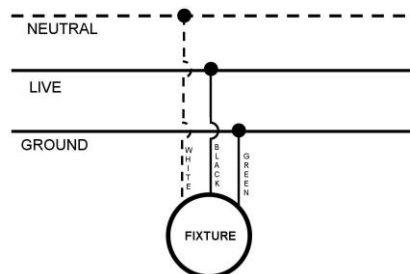


Figure 4: Wiring Diagram

NOTE: Inspect and assure connections are made properly.



When closing the assembly assure that the red O-ring is properly seated and there are no wires or objects interfering with the O-ring seal or sealing surface.

7. Rotate fixture shut, Swing 1/4-20 bolt into place and tighten nut to seal assembly shut. **See Figure 5 on the next page.**

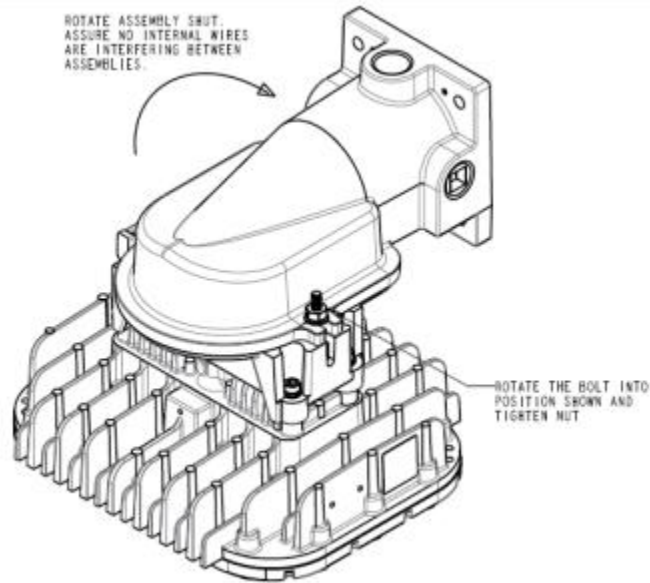
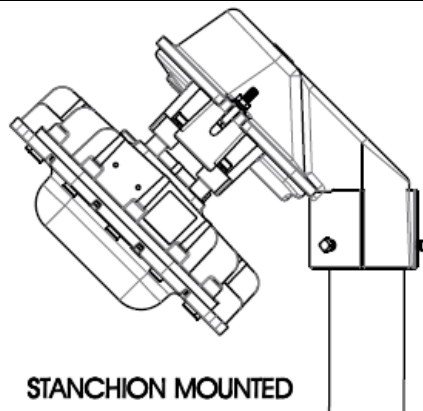


Figure 5: Close and Torque ¼-20 nut to 50 in-lbs (5.4N-m)

⚠ Prior to restoring power assure that all unused 3/4" NPT hubs are properly plugged.

8. Restore power and verify operation.

45° Stanchion Mount Steps:



NOTE: The 45° Stanchion Mount fixture is intended to be mounted to 2" NPT threaded vertical pole sealed to the proper IPXX rating for the application. Use the appropriate NPT threaded reducing bushing to adapt a Stanchion Mount fixture to a 1-1/2" NPT threaded pole.

1. Assure electrical power is OFF.

2. Back off 5/16"-18 set screw provided such that it will not interfere with the attachment operation. Firmly thread the Stanchion Mount to the 2" NPT threaded pole. Properly engage the threads and turn the Stanchion Mount by hand until tight. Continue tightening using a wrench until the proper orientation is achieved. Torque the 5/16"-18 screw to 10 ft-lbs [14 N-m]. If attaching to a 1 1/2" NPT threaded pole attach a reducing bushing to the pole first. **See Figure 1 and Figure 2**

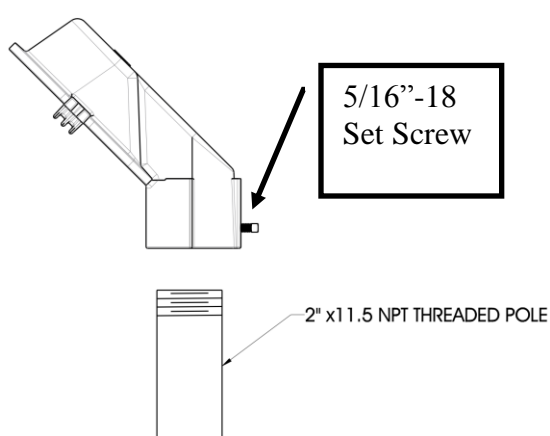


Figure 1: 2" NPT THREADED POLE

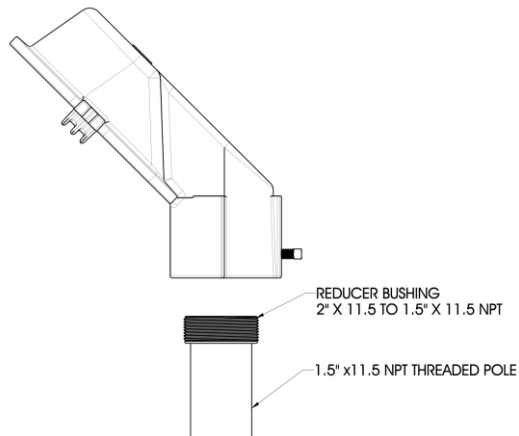


Figure 2: 1 1/2" NPT REDUCER BUSHING

3. Hang the Area Light on the Stanchion Mount and prepare for electrical wiring. **See Figure 3**



Figure 3: Hang Area Light onto Stanchion Mount

4. Make all wire connections per local electric code. **See Figure 4**
 - o For single phase (120 / 277 VAC):
 - Green wire connects to Safety Ground. (use pigtailed supplied)
 - White wire connects to Neutral
 - Black wire connects to HOT

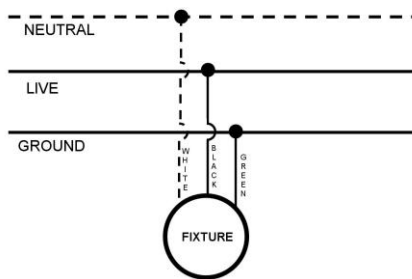


Figure 4: Wiring Diagram

SINGLE PHASE 120/277 VAC WIRE COLOR CODE - IEC (US)

BROWN (BLACK) = LIVE
 BLUE (WHITE) = NEUTRAL
 GREEN-YELLOW (GREEN) = GROUND

NOTE: Inspect and assure connections are made properly.

⚠ When closing the assembly assure that the red O-ring is properly seated and there are no wires or objects interfering with the O-ring seal or sealing surface.

5. Assure no object is interfering with the O-ring seal or sealing surfaces and rotate fixture shut. Swing 1/4-20 bolt into place and tighten nut to seal assembly shut. **Torque 1/4-20 nut to 50 in-lbs [5.4 N-m]. Torque the 5/16-18 screw to 10 ft-lbs [14 N-m]. See Figure .**

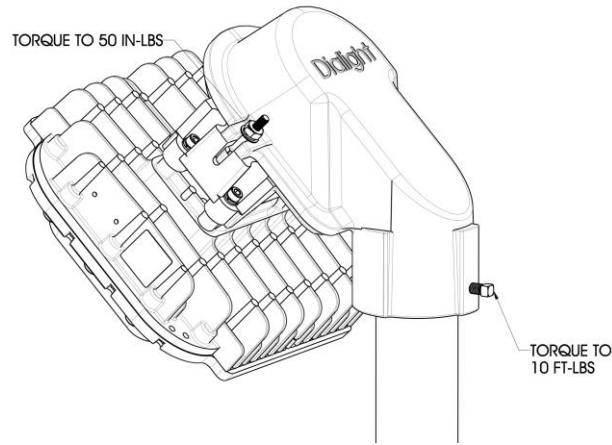


Figure 5

6. Restore power and verify operation.

3: Specifications

Dimensions	
0° Wall Mount	See Figure 66 on the next page
45° Wall Mount	See Figure 77 on the next page
45° Stanchion Mount	See Figure 8 on the next page
Weight	
0° Wall Mount	15.0 lbs. [6.8 kg]
45° Wall Mount	14.2 lbs. [6.4 kg]
45° Stanchion Mount	14.8 lbs. [6.7 kg]
Connections - Wall Mount	
45° Stanchion	3/4"-14 NPT hubs (five total) 2" NPT hubs (1 1/2" NPT with reducer)
Intertek Certified to	UL 1598/A, CAN/CSA C22.2 No. 250 & CE Compliant

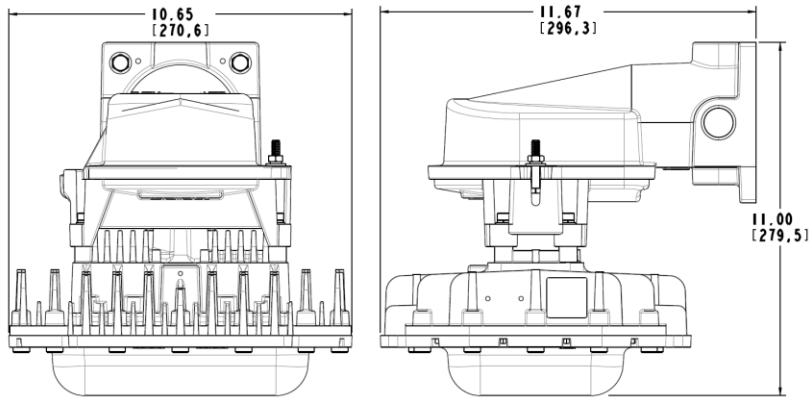


Figure 6: 0° Wall Mount

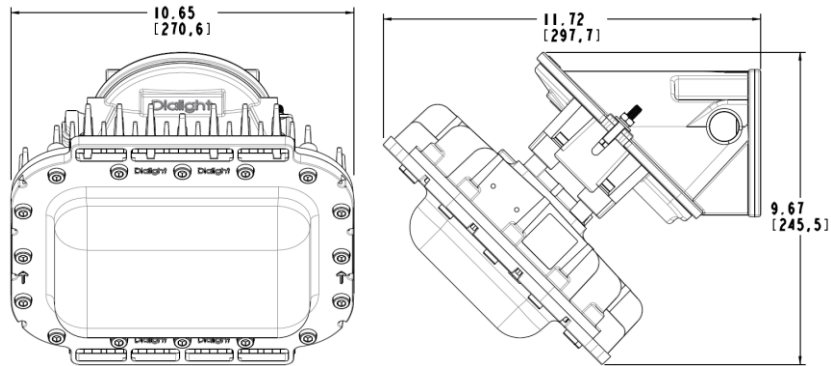


Figure 7: 45° Wall Mount

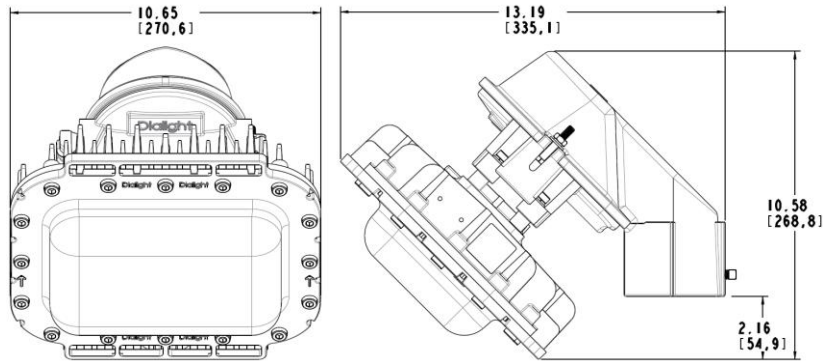


Figure 8: 45° Stanchion Mount

DIMENSIONS ARE FOR REFERENCE ONLY.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof is not guaranteed. In accordance with Dialight Corporation "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.