

HZX-EX-0

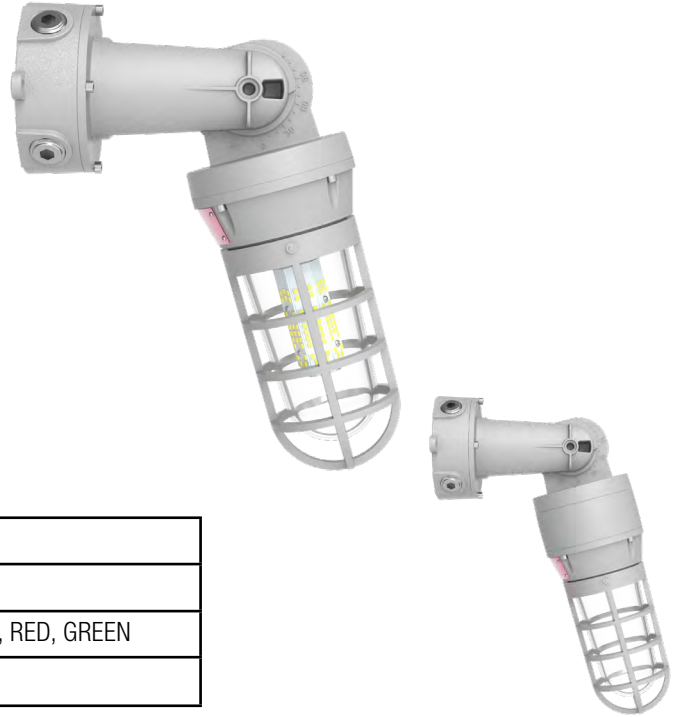
HAZARDOUS LOCATION LED

- HZX-EX-02:
15W/20W/25W/30W/35W/40W



EACH MODEL NUMBER CONSISTS OF THE FOLLOWING:
SERIES / OPERATION / COLOUR TEMPERATURE / INPUT

SERIES	HZX-EX-02
OPERATION	AC ONLY, EMERGENCY BACKUP OPTIONAL
COLOUR TEMP	2000K, 3000K, 4000K, 5000K, 5700K, 6500K, RED, GREEN
INPUT VOLTAGE	120-347V, 120-277V



IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

1. Read these instructions carefully before installation and save them for future reference.
2. Fixtures must be wired in accordance with the national electrical code and all applicable local codes. Proper grounding is required for safety.
3. This product must be installed in accordance with the applicable installation code by a qualified electrician who is familiar with the construction and operation of the product and the hazards involved.

SAVE THESE INSTRUCTIONS!

RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY

Before installation, turn power off.

WARNING: Risk of fire or electric shock. Hazardous light installation requires knowledge of luminaires and electrical systems. If not qualified, DO NOT try to install. Please contact an electrician.

WARNING: Risk of fire or electric shock. Suitable for wet locations. Make sure the power is off prior to install.

WARNING: Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.

WARNING: To reduce the risk of ignition of hazardous atmospheres, disconnect the luminaire from the AC supply circuit and determine that the area is free of ignitable concentration before opening. Keep tightly closed when in operation.

WARNING: DO NOT install in unstable, loose, or breakable surfaces.

WARNING: DO NOT let objects impact or exert force on the surface of the fixture.

WARNING

No user serviceable parts. Refer service to a qualified service technician. Read instructions prior to installing and/or operating this device. Installation should be performed by a licensed electrician/installer in accordance with local codes.

INSTALLATION AND ELECTRICAL CONNECTION

1- The specific steps of installation (Ceiling Mount)

(Note: Measurements are in inches [mm])

STEP 1: Use appropriate mounting tool (wrench or screwdriver, not provided). Mark the mounting surface for mounting hardware locations and drill two holes (8 mm diameters) in the locations. Recommended distance is 5.71 inch (145 mm). See Fig. 1.

STEP 2: Open the upper cover of the lamp with an Allen wrench, and connect the L/G/N/DIM+/DIM- indicated by the lamp terminal to the wire.

STEP 3: Use appropriate UL-rated wire connectors as required by code to make electrical connections. Follow appropriate mounting and wiring instructions per code; see wiring diagram Fig. 2.

Note: connect the AC cables as follows:

Green to grounding, White to Null, Black to Live (optional: Purple to DIM+, Pink to DIM-). Then tighten the upper cover back.

STEP 4: Match the luminaire's holes with the marked holes in the mounting surface. Utilize M8 expanded screws (not included in the package) to fix the nuts and secure the luminaire to the ceiling.

STEP 5: Turn on power to test whether the light works.

STEP 6: Installation completed (Fig. 4).

Fig. 1

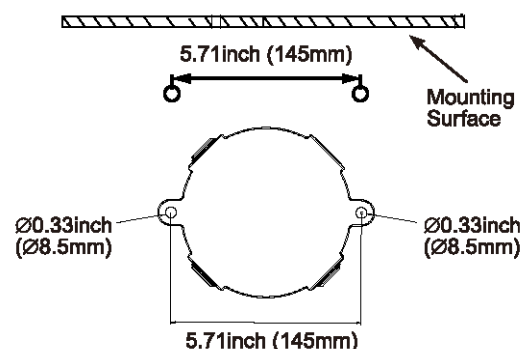


Fig. 2

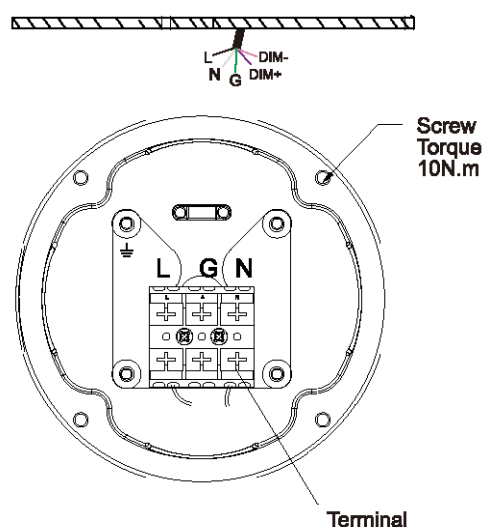


Fig. 3

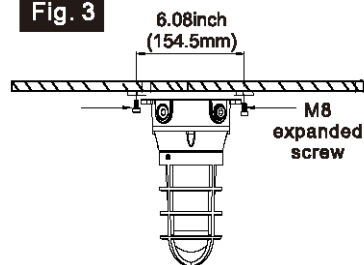
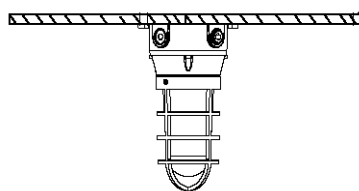


Fig. 4



2- The specific steps of installation (Pole Mount)

(Note: Measurements are in mm)

STEP 1: Get ready the HZX-EX-02 fixture and a 3/4" NPT pole (the pipe is not included in the package). See Fig. 5.

STEP 2: Fix the 3/4" NPT pole to the ceiling adaptor (Fig. 6). Torque of 3/4" NPT: 525 N/M max.

Fig. 5

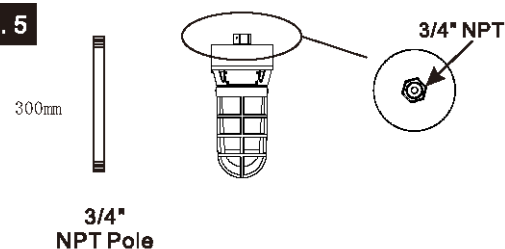
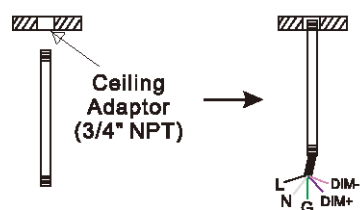


Fig. 6



Insert the wires into one end of the pole and draw it out from the opposite end

STEP 3: Use an Allen key to open the upper cover of the fixture by loosening the four setting screws on the cover sides (screw torque 10 N/M) to make electrical splices to fixture leads. Follow appropriate mounting and wiring instructions per code; see wiring diagram Fig. 7.

Note: Connect the AC cables as follows – Green to grounding, White to Null, Black to Live (optional: Purple to DIM+, Pink to DIM-). Then tighten the upper cover back.

STEP 4: Install the fixture to the pole and tighten it.

STEP 5: Turn on power to test whether the light works.

STEP 6: Installation completed (Fig. 8).

Fig. 8

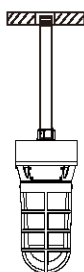
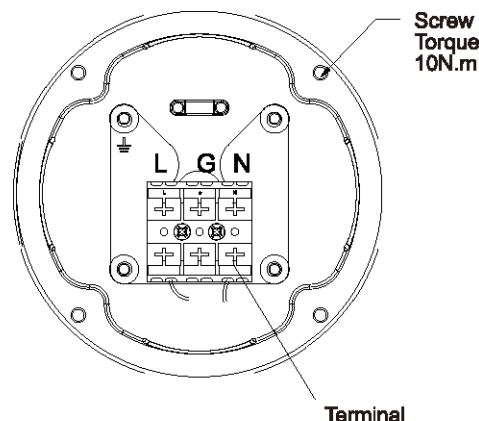


Fig. 7



3- The specific steps of installation (Rotating Arm Mount)

(Note: Measurements are in inches [mm])

STEP 1: Drill two holes (8 mm diameters) in the wall for expanded screws and install M8 expanded screws (not included in the package) into the wall. Recommended distance between the two holes is 5.71 inch (145 mm). See Fig. 5.

STEP 2: Use an Allen key to open the upper cover of the fixture by loosening the four setting screws on the cover sides (screw torque 10 N/M) to make electrical splices to fixture leads. Follow appropriate mounting and wiring instructions per code; see wiring diagram Fig. 6.

Note: Connect the AC cables as follows – Green to grounding, White to Null, Black to Live (optional: Purple to DIM+, Pink to DIM-). Then tighten the upper cover back.

STEP 3: Match the luminaire to the bolt and tighten the nut. See Fig. 7.

STEP 4: Turn on the power to test whether the light works.

Fig. 7

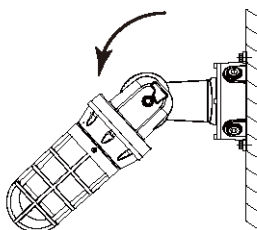
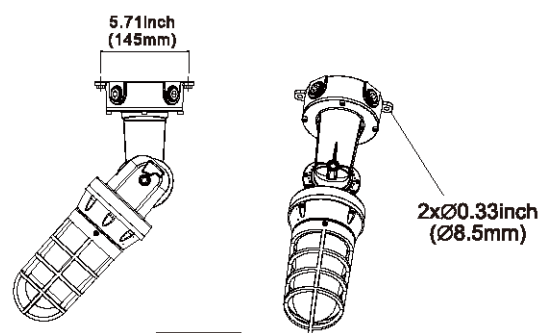


Fig. 5



Screw
Torque
10N.m

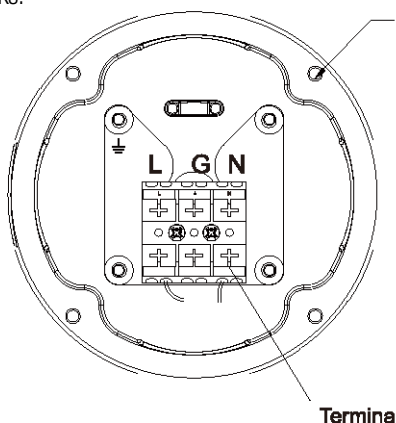
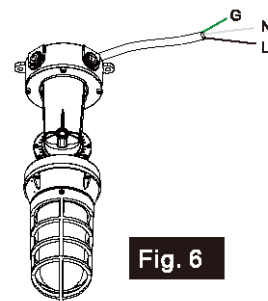


Fig. 6



4- The specific steps of installation (Wall Mount - 90°)

(Note: Measurements are in inches [mm])

STEP 1: Drill two holes (8 mm diameters) in the wall for expanded screws and install M8 expanded screws (not included in the package) into the wall. Recommended distance between the two holes is 5.71 inch (145 mm). See Fig. 9.

STEP 2: Use an Allen key to open the upper cover of the fixture by loosening the four setting screws on the cover sides (screw torque 10 N/M) to make electrical splices to fixture leads. Follow appropriate mounting and wiring instructions per code; see wiring diagram Fig. 10.

Note: Connect the AC cables as follows – Green to grounding, White to Null, Black to Live (optional: Purple to DIM+, Pink to DIM-). Then tighten the upper cover back.

STEP 3: Align the mounting hole of the lamp with the marked hole on the mounting surface, and tighten the nut with an M8 expansion screw (not included in the package) to fix the lamp to the wall, as shown in Fig. 11.

STEP 4: Turn on the power to test whether the light works.

STEP 5: Installation completed.

Fig. 9

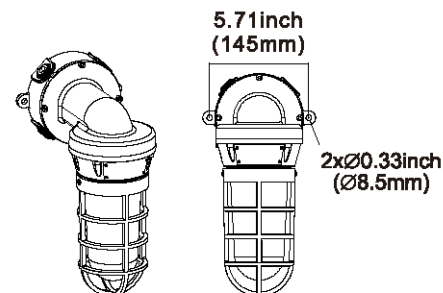


Fig. 10

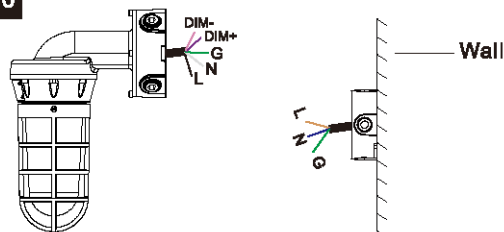


Fig. 11

