



# Installation & Maintenance Manual

## HAW-EX-XXXX Explosion Proof Light

### IMPORTANT SAFETY INSTRUCTIONS *Mesures de Sécurité à Respecter*

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

*Ce produit doit être installé selon le code d'installation pertinent, par une personne qui connaît bien le produit et son fonctionnement ainsi que les risques inhérents.*



### Brief Introduction

Installation instructions for the LED flood lighting fixture via Suspension, Surface, Pendant Ste, etc. for Hazardous Location Environments.

### Explosion Protection Luminaire—Certified to Canada/US Standards UL1598 Ordinary Location

UL1598A Marine Rating

### UL844 Hazardous Location (North America)

- Class I Division 1 Groups C, D
- Class I Division 2 Groups A, B, C, D
- Class II Division 1 Groups E, F, G
- Class II Division 2 Groups F, G
- Class III

Suitable for Wet Location

Risk of fire or electric shock.

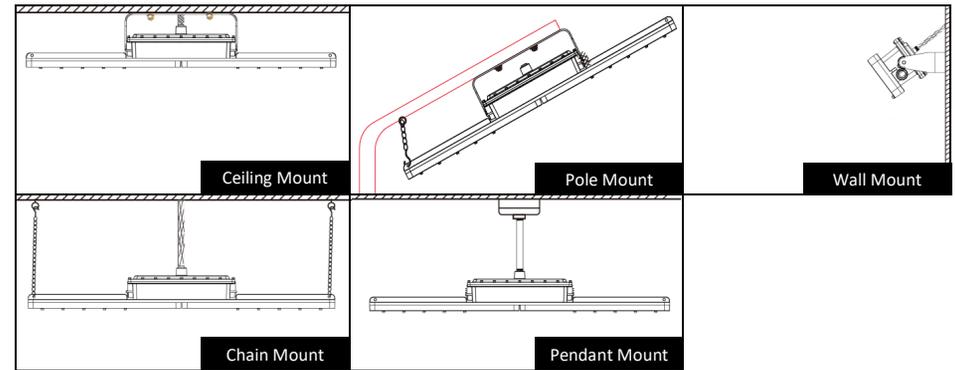
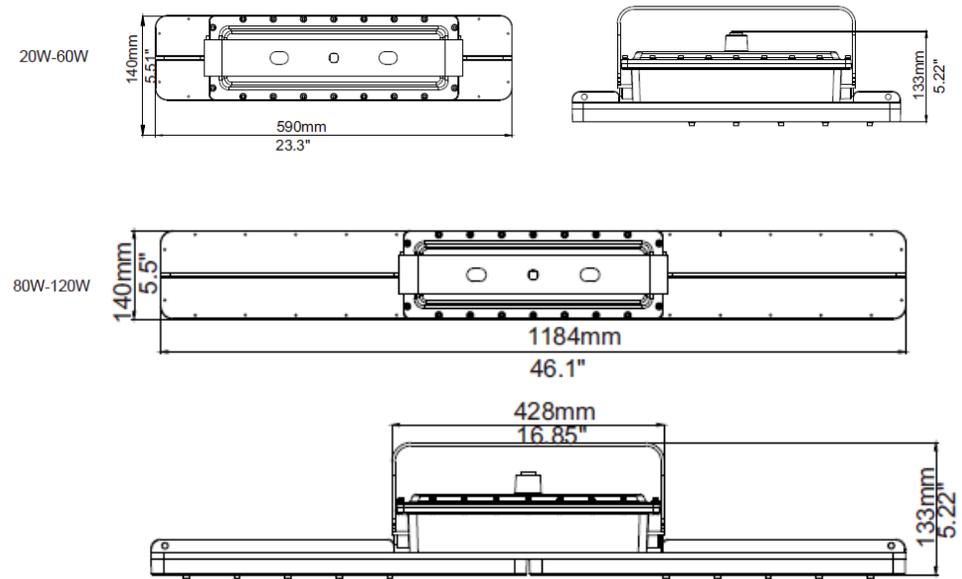
Suitable for non-insulated surface/frame. **DO NOT** cover fixture with insulation liner or similar material.

Do not install on unstable, loose, or breakable surfaces.

Do not let objects impact or exert force on the surface of the fixture.

Please keep the lamp installation height at least 2m.

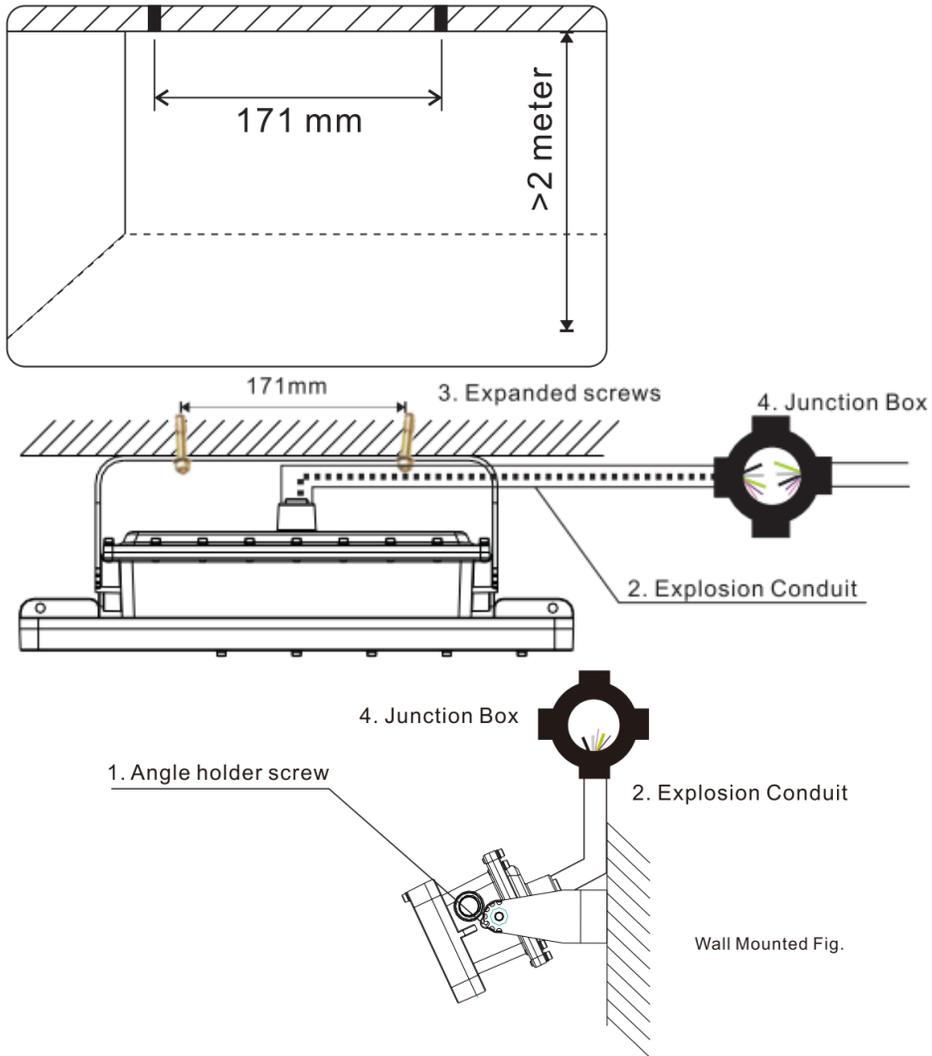
### Basic Overview



### Wiring Instructions

Wiring from LED		AC/Line 100/277/347/480V Supply Connection (Black)
Driver to AC Supply, or LED Driver Terminal		AC/Neutral Connection (White)
Block Colouring		Earth Ground Connection (Green)
Wiring for 0-10V Dimming		Dim + Connection (Violet, or as Labeled)
		Dim - Connection (Grey, or as Labeled)

### Ceiling/Wall Mounting

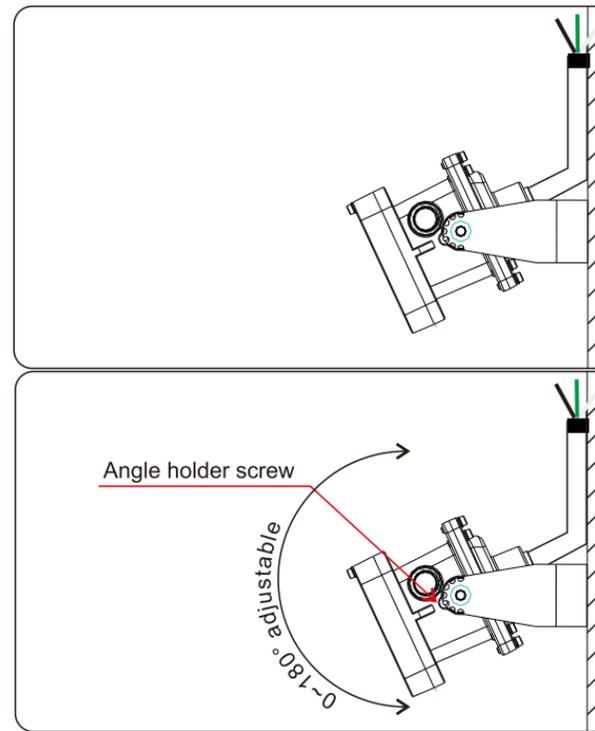


The bracket must be mounted with the bolts set at the prescribed distance apart. Drill two 15mm-diameter holes at a distance of 171mm. Fix two expansion screws to the ceiling. (Hardware not provided, see your local codes for further clarification)

Route the cable through the hazardous location pipe/conduit, where necessary. AC wiring should be completed in a hazardous location junction box, where necessary.

Fix the bracket/fixture to the ceiling, and tighten down the nuts.

Fix the angle holder screw to lock down fixture tilt.



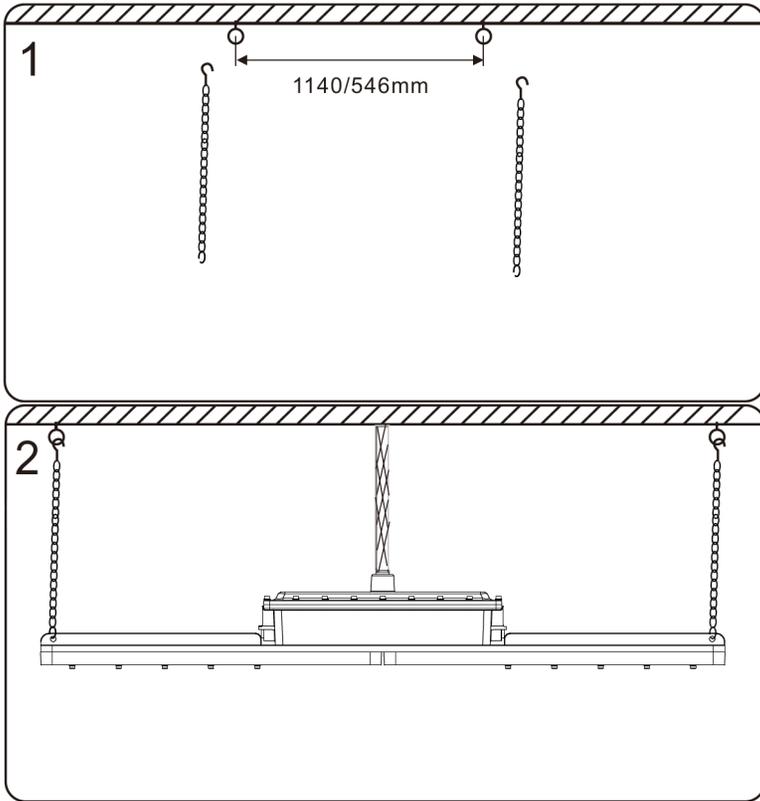
Wall mounting follows similar steps to ceiling mounting applications.

Use the appropriate hazardous location wiring conduits and junction box, where it is appropriate.

Angle may be adjusted through the angle holder screw.

The bracket is tiltable with a range of 180°. Use the appropriate tilt for your application and installation requirements.

### Ceiling Suspension Installation

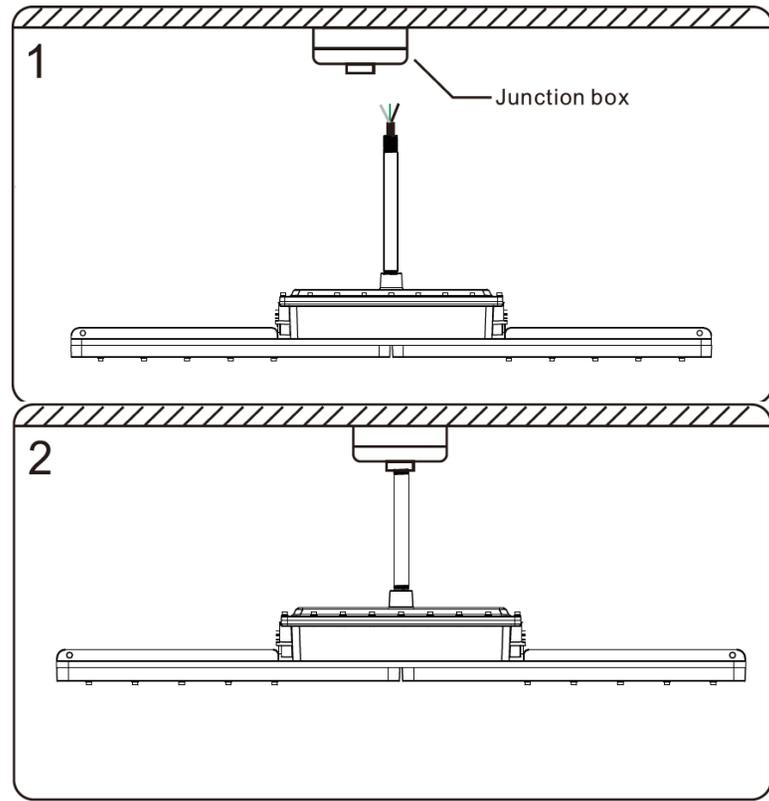


Drill 2x holes for hanging rings (546mm apart for 2-ft fixtures, 1140mm apart for 4-ft fixtures)

Fix the suspension cable/chain onto the hanging rings. Use the right suspension hardware

Fix the suspension cable/chain onto the lighting fixture. Wire the cable through the metal conduit and connect it with the mains power.

### Pendant Suspension Installation

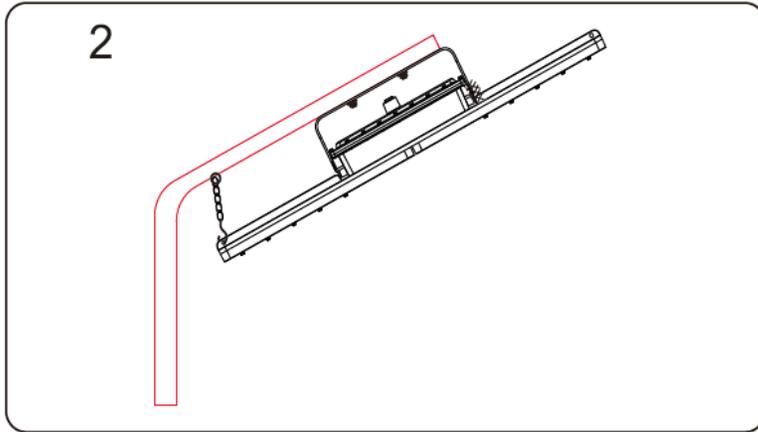
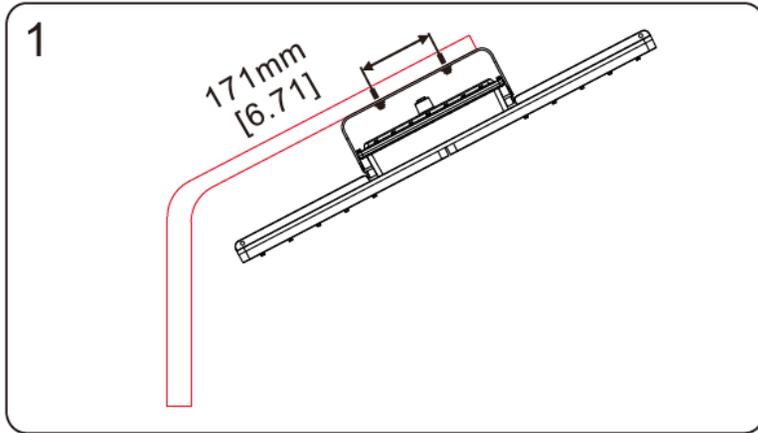


The pendant conduit should be screwed-in by at least 6 threads.

Wire the cable through the pendant and then install the pendant to the fixture.

Wire the cable to the enclosure of the junction box and install the pendant to the junction box.

## Pole Mount Installation



Drill 2x  $\varnothing$ 15mm holes for fixture the screws

Fix the pendant chain and hook to the fixture.

Insert the fixing screws and weld them on the pole bracket with the fixture.