# High Bay Luminaire Series

INSTALLATION INSTRUCTIONS

The High Bay Luminaire is ideal for installations with mounting heights over 25 feet. The fixture can be mounted with a hook or pendant with flexible adjustments to create uniform light from fixture to fixture.

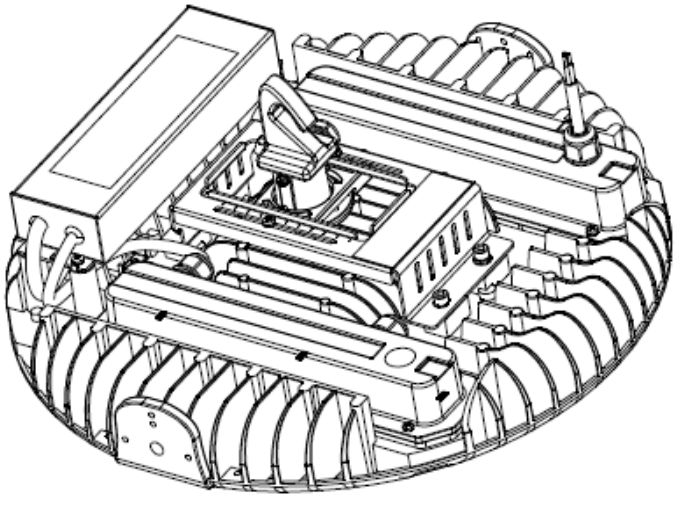
## WARNING:

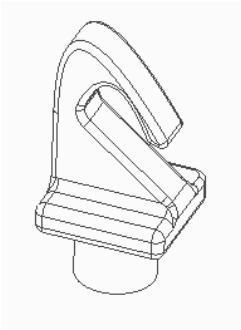
- This product must be installed in accordance with applicable local, state, and national electrical codes by a licensed person familiar with the construction and operation of the product and hazards involved.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- Suspend from adequate structure that can safely support the fixture.
- MIN 90°C SUPPLY CONDUCTORS
- Do not operate in ambient temperatures above those indicated on the luminaire Label.
- Make sure the supply voltage is within the voltage range stated on the Label
- Use only UL or IEC approved wire for input/output connections. Minimum size 18 AWG

General :Provide at least 12” of clearance from the top of the fixture to any ceiling or surface above.

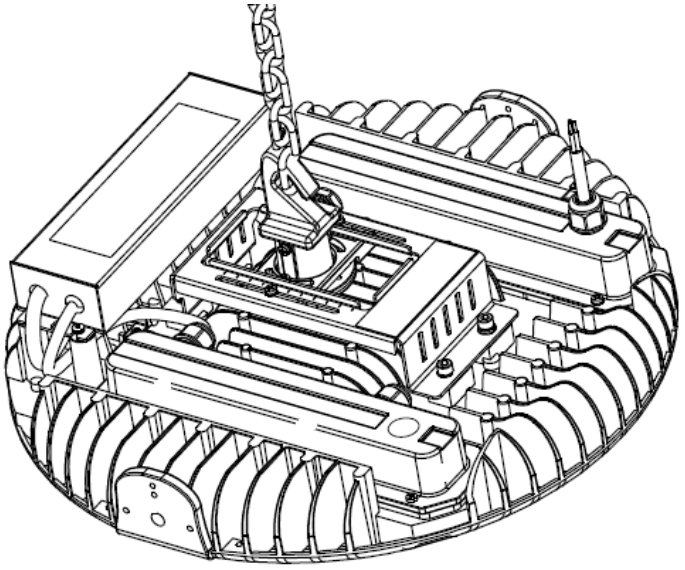
## HOOK MOUNT INSTALLATION:

1. To pre-assemble hook and hub. Make sure to fix anti-rotation M4 screw



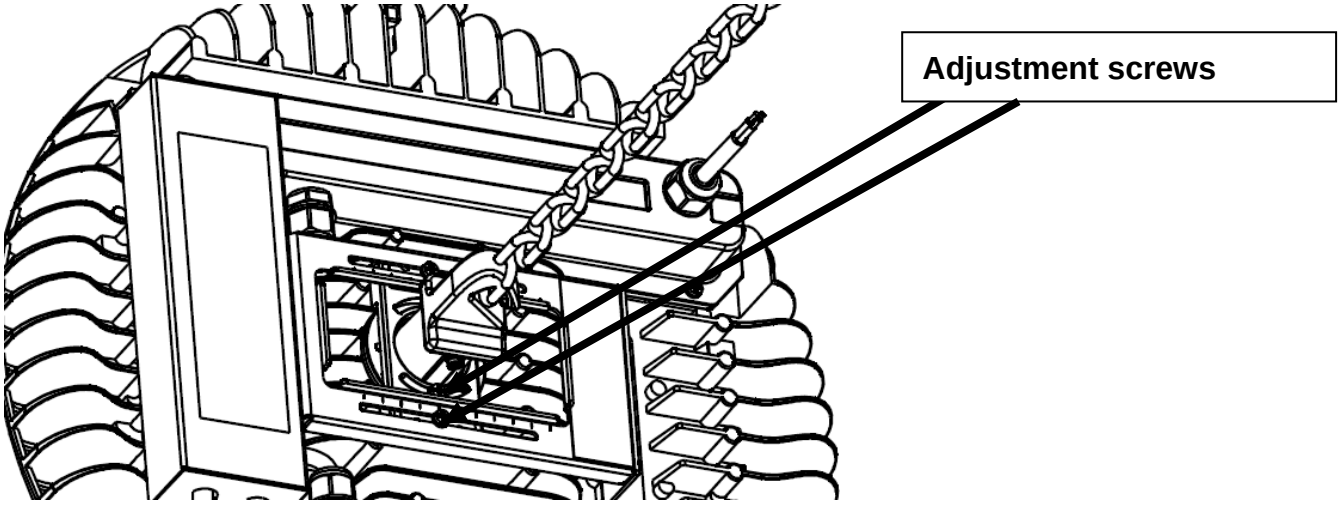


2. The Weight of High Bay fixture is approximately 19.8 lb. Please ensure the structure and the suspending cable/chain are suitable for the weight of the fixture.



3. To make electrical connections, attach the lead wires according to the colors below.
   - Green wire connects to Safety Ground.
   - White wire connects to Neutral.
   - Black wire connects to Live

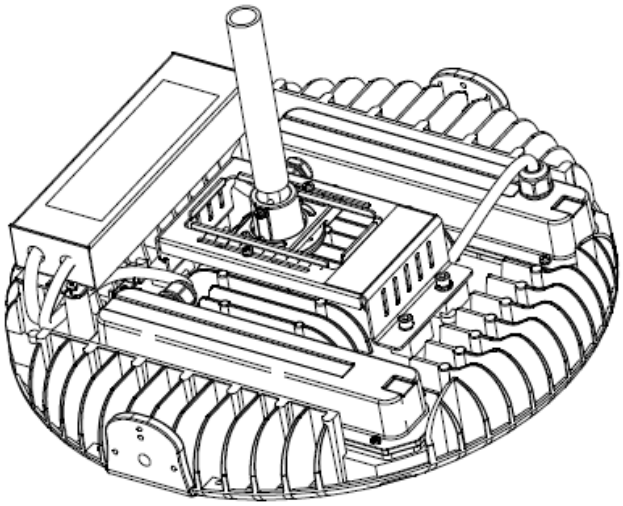
4. The fixture should already be factory set for correct balance. If balancing is necessary, make corrections using the adjustment screws in the locations shown below..



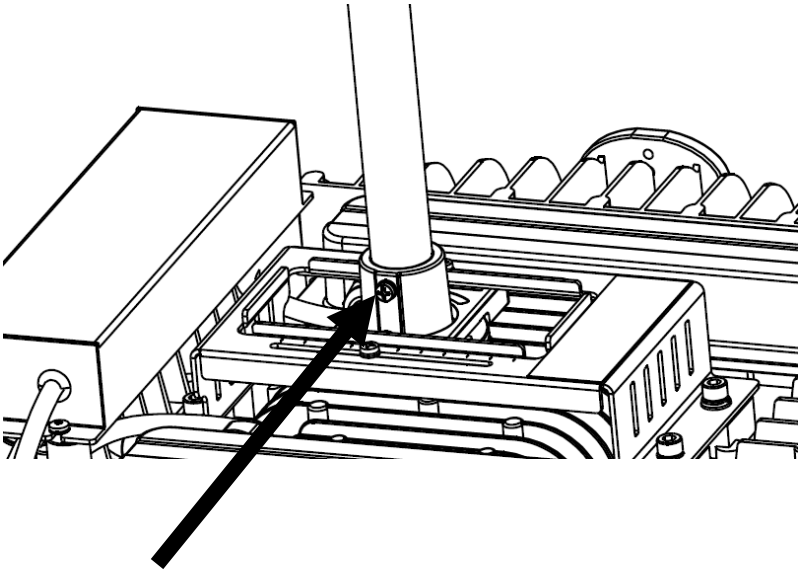
## PENDANT MOUNT INSTALLATION:

The fixture mounting receiver is threaded for 3/4” NPT pipe.

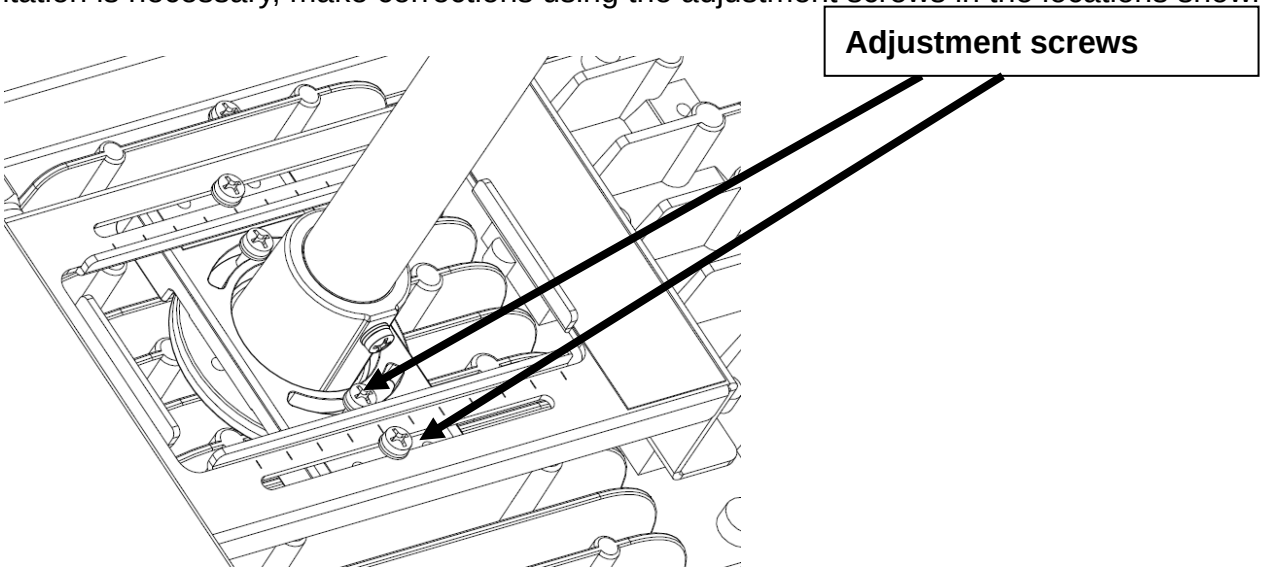
1. Feed the power cable through the conduit, and into the junction box. Attach the fixture to the conduit.



2. Insert set screw in order to secure the fixture to the Pipe.



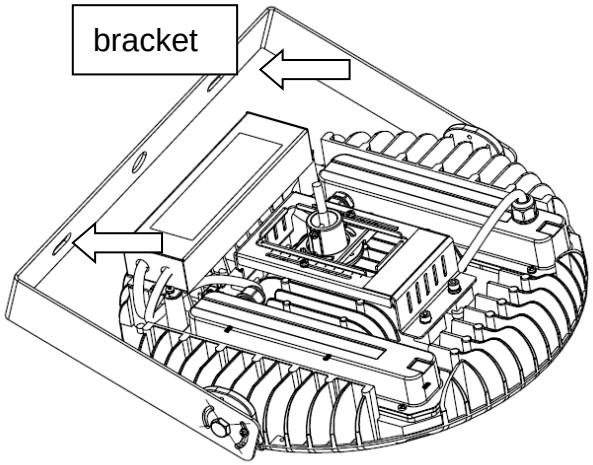
3. The fixture should already be factory set for correct balance and orientation. If adjusting balance or orientation is necessary, make corrections using the adjustment screws in the locations shown

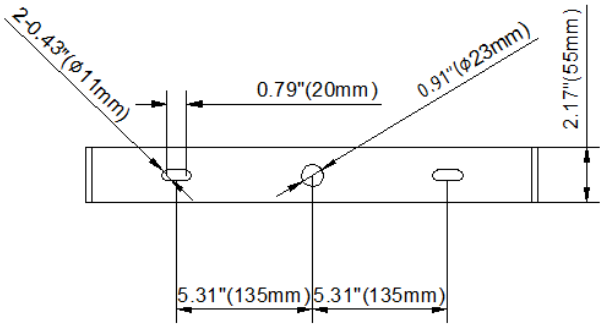



4. Make wire connections inside the junction box according to the following color wires :
   - Green wire connects to Safety Ground.
   - White wire connects to Neutral.
   - Black wire connects to Live

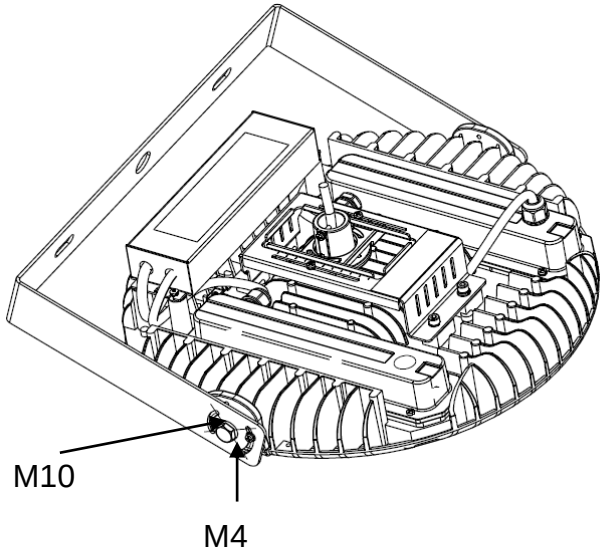
## WALL MOUNT INSTALLATION

1. To pre-assembled bracket and luminarie .Use screw and washer to fix the luminaire on the structure. Suggest to use 3/8” (M10) Screw and T 2.0 min washer.




2. Loosen the M10 and M4 screw, and tilt the luminaire to the determinded direction. If determinded, fixed the Screw




Torque Suggestion:

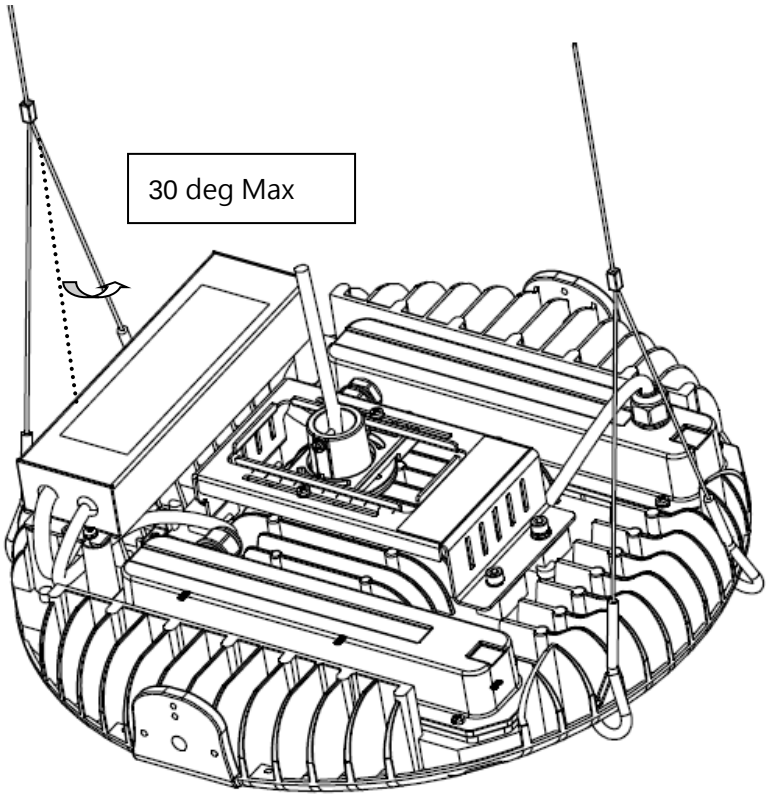
M10: 18 ft-lbs (245 Kgf.cm)
M4: 1 ft-lbs (14 Kgf.cm

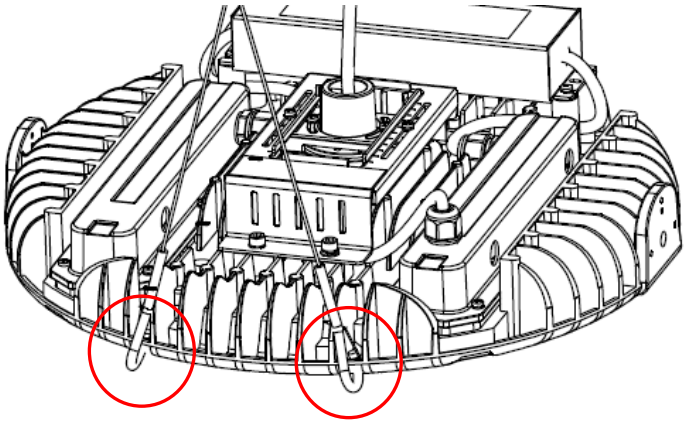
3. Connect power cable conductors as follows:
   - Green wire connects to Safety Ground.
   - White wire connects to Neutral
   - Black wire connects to Live

## AIRCRAFT CABLE INSTALLATION:

1. Aircraft cable assemblies to the luminaire with two aircraft cable assembly as shown below

Notes: a. The assembly location must be shown below
b. Do not exceeded angle greater than a 30° between the cables and the gravity line

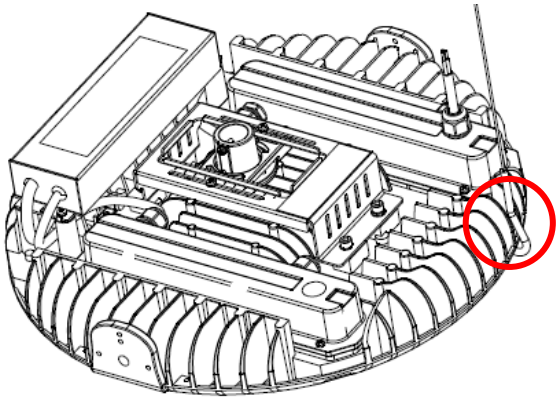


2. Connect power cable conductors as follows:
    - Green wire connects to Safety Ground.
    - White wire connects to Neutral
    - Black wire connects to Live

## SAFETY CABLE INSTALLATION:

1.Attach one end of the safety cable through the hole between the fin on the luminarie

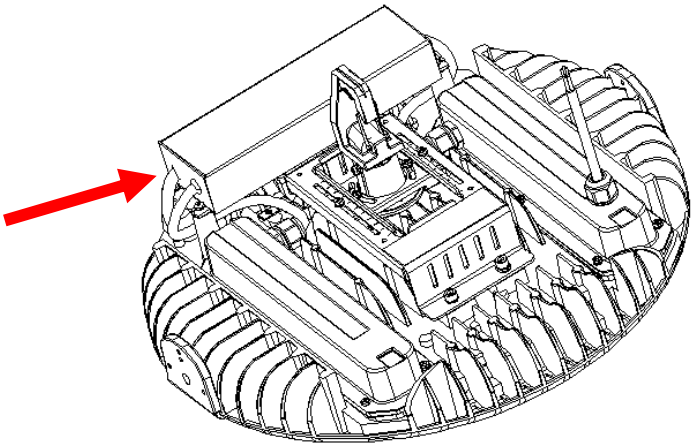


3. Attach other end of the safety cable to the mounting surfaces

## 1~10V DIMMING WIRING INSTRUCTION

DB series of high bay fixtures come standard with 1-10V dimming interface. The dimming is controlled by 1~10VDC dimming signal (to be provided by other devices).
An 8 to 10V DC signal will have about 100% lumen output.
A 0 to 1V DC signal will have about 10% lumen output.

1. Pull out the Dimming Cable that was secured by a wire grip when shipped. The dimming cable can be identified by the marking on the driver (power supply).



2. Remove appropriate length of the dimming cable jacket and cut off the Black/ White (Vaux) wire if not using the 12V auxiliary power feature.
   Wire the dimming cables electrical connection. Follow the wire color code per marking on the driver. Violet (or Blue in selected models) wire connects to Dimming +; Gray (or White in selected models) wire connects to Dimming -;