

INSTALLATION DATA SHEET

HLHB SERIES

LED FLOODLIGHT FOR USE IN HAZARDOUS LOCATIONS

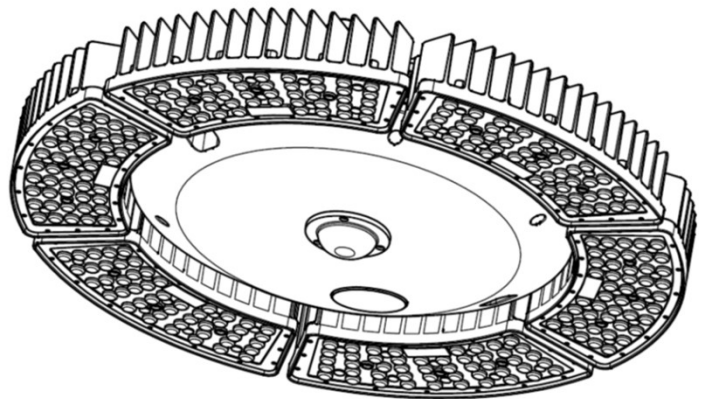
Class I, Division 2, Groups A, B, C & D
Suitable for Marine Outside Type (Saltwater)

WARNING!

- To reduce risk of fire or explosion, do not install where the marked operating temperature exceeds the ignition temperature of the hazardous atmosphere(s).
- These luminaires should be installed by qualified technicians using suitable hazardous location wiring methods in strict accordance with the National Electrical Code, NFPA 70 and any local requirements.
- To prevent risk of electrical shock, deactivate/ disconnect power supply before opening. Keep tightly closed when in operation.

INSTALLATION:

1. For marine applications, the luminaire should be installed per USCG-46CFR, subchapter J, parts 100-113
2. Some typical installations are shown on the next page.
3. The luminaire is provided with 3/4 or 1 in NPT hubs on the back/sides for incoming power cable and fittings (not provided).
4. The luminaire can be ceiling mounted with minimum 4 each, 3/8" bolts (not provided). It can also be suspended with chains or cables (not provided) attached to eyebolts threaded into the back of the unit. It can also be pendant mounted, with 3/4 or 1 in NPT via the threaded hub on the back in the center. If pendant mounting, the internal set screw must be tightened to secure the luminaire in place.
5. When installing with cables or chains, be sure they are suitable for the application, as the luminaire can weigh up to 75 lbs.



8500 Hansen Rd.
Houston, TX 77075 USA
HLHBIDS

Tel: 713-943-0340

Oct 2022

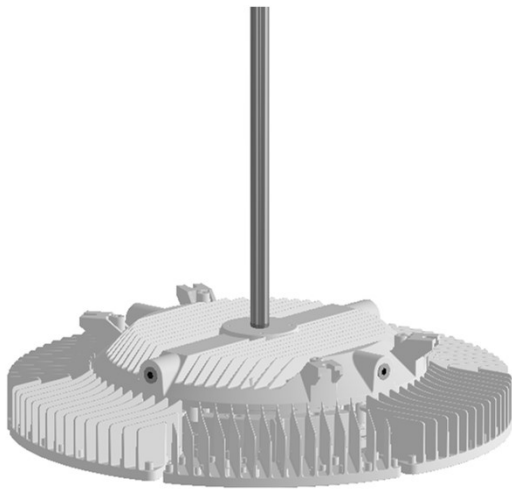
availinfra.com/rig-a-lite/

Rev. 2

INSTALLATION DATA SHEET

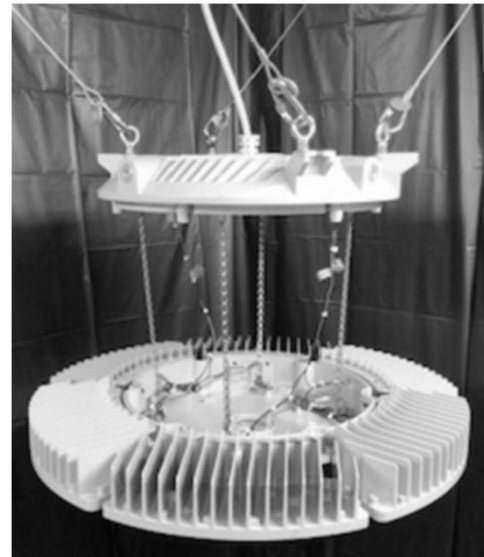
Wiring:

1. Before installing any wiring, make sure that the circuit is deactivated.
2. This unit is furnished completely assembled. Check the luminaire label to ensure correct voltage and frequency.
3. The LED driver(s) in this luminaire are designed to operate on a grounded neutral systems only.
4. With the unit installed as intended, using a 1/4" hex key, remove the 6 screws from the bottom half of the luminaire. This half is suspended by chains, allowing for field wiring connections to be made. (See below)
5. The cage-clamp terminal block for power leads is clearly marked. Connect the ground wire first. Then select the correct voltage leads as determined by the supply voltage to the luminaire and install the incoming black and white leads to the respective terminal block slot. Depress the tab on the terminal block and insert each wire accordingly. After each wire is installed, gently tug the wire to assure it is secure in the terminal block.
6. Lift the bottom half into place, being sure it is properly oriented. Visually look to be sure no wiring will be trapped between the 2 fixture halves. Install the 6 screws previously removed. Tighten screws securely, to maintain a water tight seal.
7. Close any un-used hubs with plugs or devices rated for Marine Outside Saltwater applications.



Typical Pendant Installation with Rigid Conduit

Luminaire shown mounted via 3/4 in NPT rigid conduit, and power entering thru the top. Internal set screw secures the conduit to the luminaire.



Typical Installation with Cables

Luminaire shown suspended with cables via eyebolts, and power entering thru the top. Also shown in the open position, for wiring access.

OPERATIONAL DATA:

1. Operate this luminaire at its rated voltage. See the luminaire label for data.

MAINTENANCE DATA:

1. Although no routine maintenance is required to keep this luminaire functional, it should be checked periodically to ensure it is working properly, and to look for any external damage
2. For optimum performance, keep the light transmission portion of the luminaire clean.



8500 Hansen Rd.
Houston, TX 77075 USA
HLHBIDS

Tel: 713-943-0340

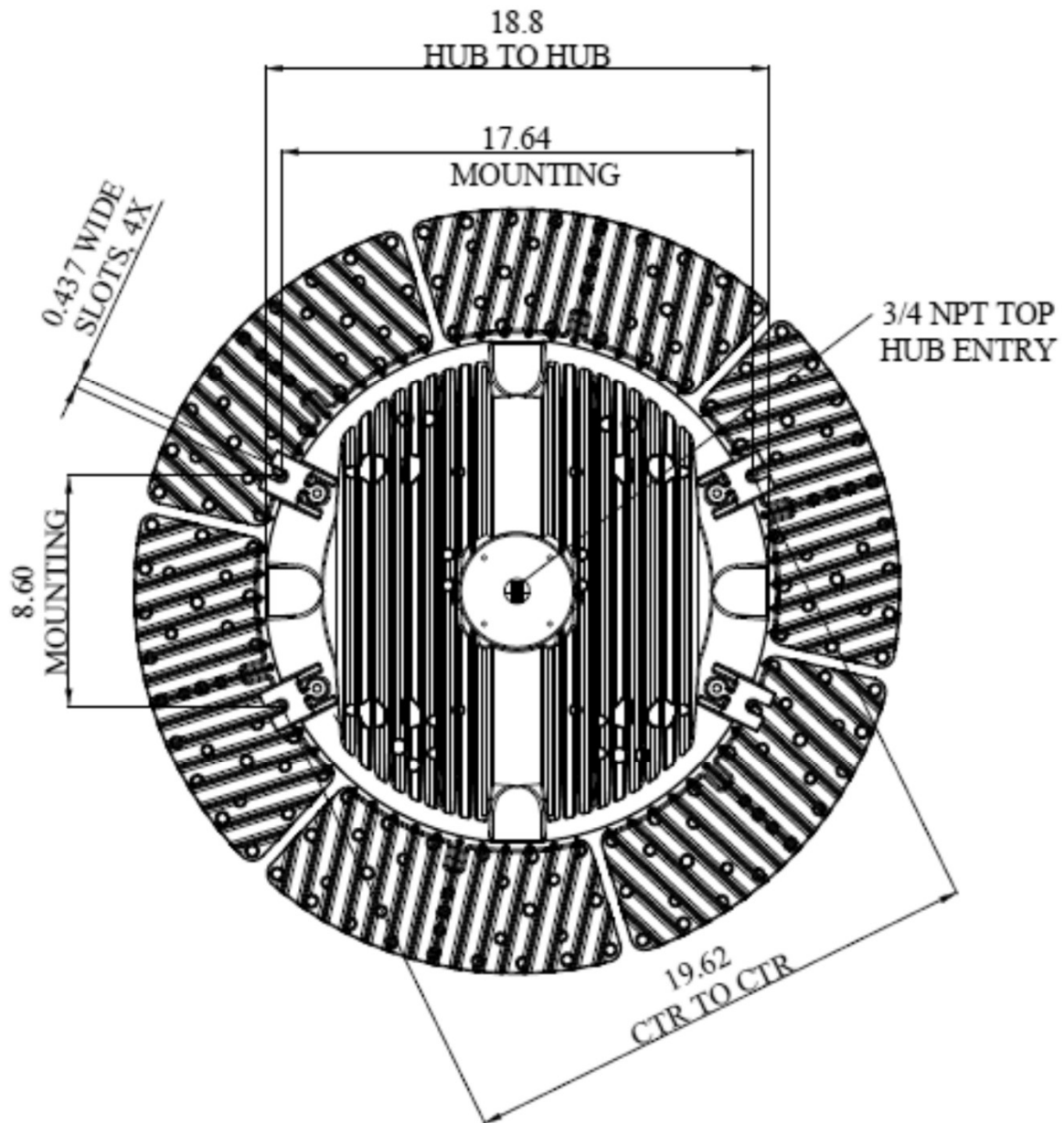
Oct 2022

availinfra.com/rig-a-lite/

Rev. 2

INSTALLATION DATA SHEET

CEILING MOUNT BOLT PATTERN



8500 Hansen Rd.
Houston, TX 77075 USA
HLHBIDS

Tel: 713-943-0340

Oct 2022

availinfra.com/rig-a-lite/

Rev. 2