

# INSTALLATION DATA SHEET

## HFPA SERIES

### LED LUMINAIRE FOR USE IN HAZARDOUS LOCATIONS

Class I, Div. 2, Groups A, B, C & D

Class II, Div. 2, Groups F & G, Class III

IP69, IP66 and TYPE4X

### WARNING!

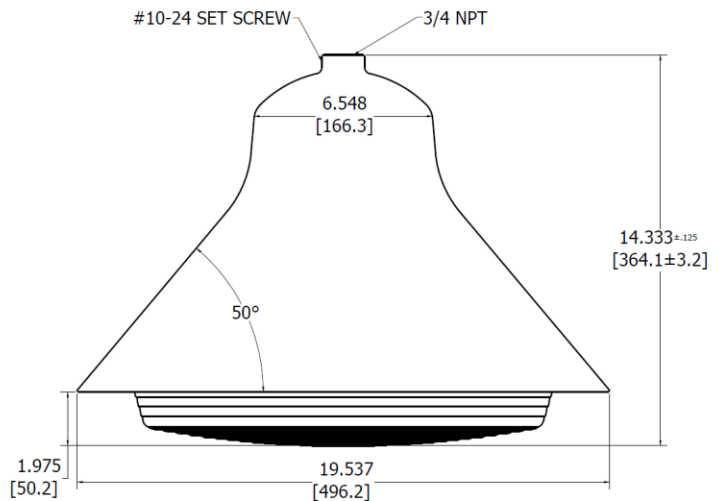
- These luminaires should be installed by qualified technicians using suitable wiring methods in strict accordance with the National Electrical Code, NFPA 70 and any local requirements.
- To prevent risk of electrical shock, deactivate/ disconnect power supply before opening the luminaire. Keep tightly closed when in operation.

### INSTALLATION: Mounting:

1. This luminaire is equipped with a 3/4 NPT threaded hub located at the top, and can be suspended by means of 3/4" rigid conduit.
2. Thread conduit into supply opening engaging at least 3-1/2 threads below the bottom of the set screw.
3. Secure the rigid conduit with the set screw provided on top near the opening.

### WIRING:

1. Before installing, make sure that the circuit is deactivated.
2. This unit is furnished completely assembled. Before installing, check the luminaire label to ensure correct voltage and frequency. The LED driver in this luminaire is designed to operate on grounded neutral systems only.
3. Connect L1 (Hot) to the black wire, the Neutral or L2 to the white wire, and Ground wire to the green wire.
4. For luminaires using the dimming circuit: The dimming wiring must have insulation rated for the maximum rated voltage of the luminaire. (See wiring diagram on Page 2)



8500 Hansen Rd.  
Houston, TX 77075 USA  
HFPAIDS

Tel: 713-943-0340

Feb 2024

[availinfra.com/rig-a-lite/](http://availinfra.com/rig-a-lite/)

Rev. 0

# INSTALLATION DATA SHEET

## OPERATIONAL DATA:

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

## MAINTENANCE DATA:

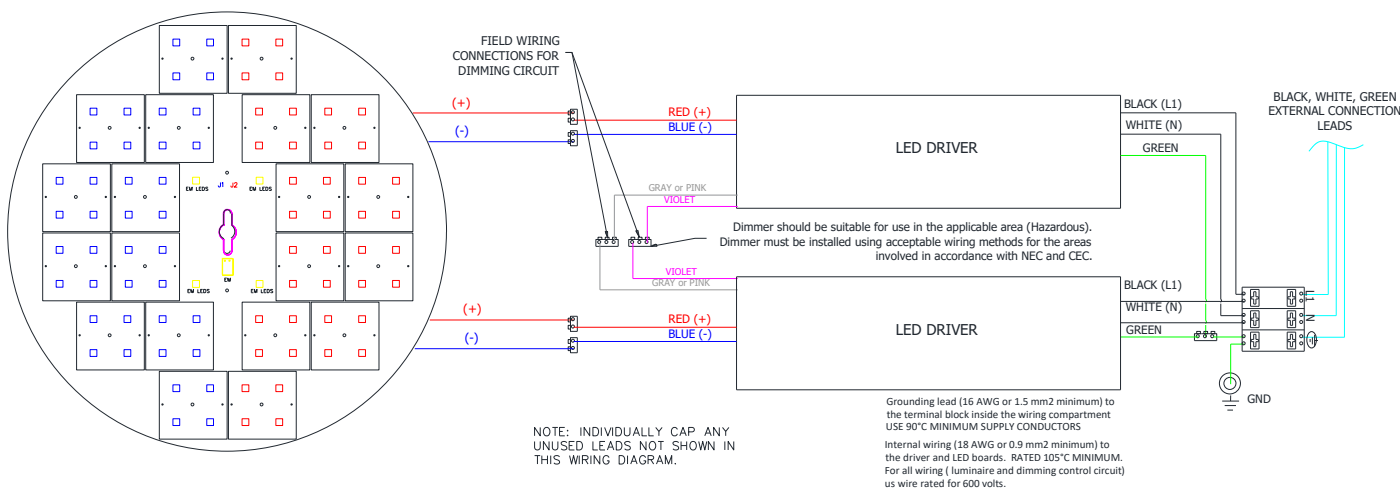
1. Although no routine maintenance is required to keep this luminaire functional, it should be checked periodically to ensure it is working properly, and to look for any external damage.
2. For optimum performance, keep the light transmission portion of the luminaire clean. Use no solvents, clean only with a damp cloth and mild soap mixture.

## DIMMING CIRCUIT CONNECTIONS

See wiring diagram below for the dimming circuit connections.

1. Open the luminaire by removing the 6 screws near the lens to remove the optic assembly.
2. Access the dimming connectors in the compartment by removing the 4 screws securing the driver plate to the housing.
3. Connect the incoming dimming leads (with insulation rated for the maximum rated voltage of the luminaire) to the dimming connectors.
4. Secure the driver plate back to the housing using the 4 screws removed in step 2.
5. Ensure all gaskets are properly in place.
6. Secure optic assembly back to the housing with the 6 screws removed in step 1.

## WIRING DIAGRAM



8500 Hansen Rd.  
Houston, TX 77075 USA  
HFPAIDS

Tel: 713-943-0340

Feb 2024

[availinfra.com/rig-a-lite/](http://availinfra.com/rig-a-lite/)

Rev. 0