



INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

LE484C: RECESSED LUMINAIRE FOR USE IN HAZARDOUS LOCATIONS FOR CLASS 1 DIV 2 GROUPS A, B, C, & D

WARNING!

1. TO REDUCE THE RISK OF IGNITION OF HAZARDOUS ATMOSPHERES, DISCONNECT THE LUMINAIRE FROM THE SUPPLY CIRCUIT BEFORE OPENING. KEEP TIGHTLY CLOSED WHEN IN OPERATION.
2. THE DRIVER IN THIS LUMINAIRE IS DESIGNED TO OPERATE ON GROUNDED NEUTRAL SYSTEMS ONLY.
3. THIS LUMINAIRE SHOULD BE INSTALLED BY QUALIFIED TECHNICIANS IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL REQUIREMENTS.

OPERATIONAL DATA

Operate this luminaire at its rated voltage. See luminaire label for data. Do not install where the marked operating temperature exceeds the ignition temperature of the hazardous atmospheres.

INSTALLATION REQUIREMENTS

(Non-IC rated / -25°C to 55°C Ambient)

1. Access to back of fixture required.
2. Minimum distance from the luminaire to insulation in walls or ceiling of booth: 75mm(3in.)
3. Minimum distance between adjacent luminaires and luminaires on the sidewalls, ceiling and floor as applicable: 600mm (24in.)
4. Allow unrestricted movement of air on the backside of luminaire near the cooling fins to prevent accumulation of gasses or vapors.

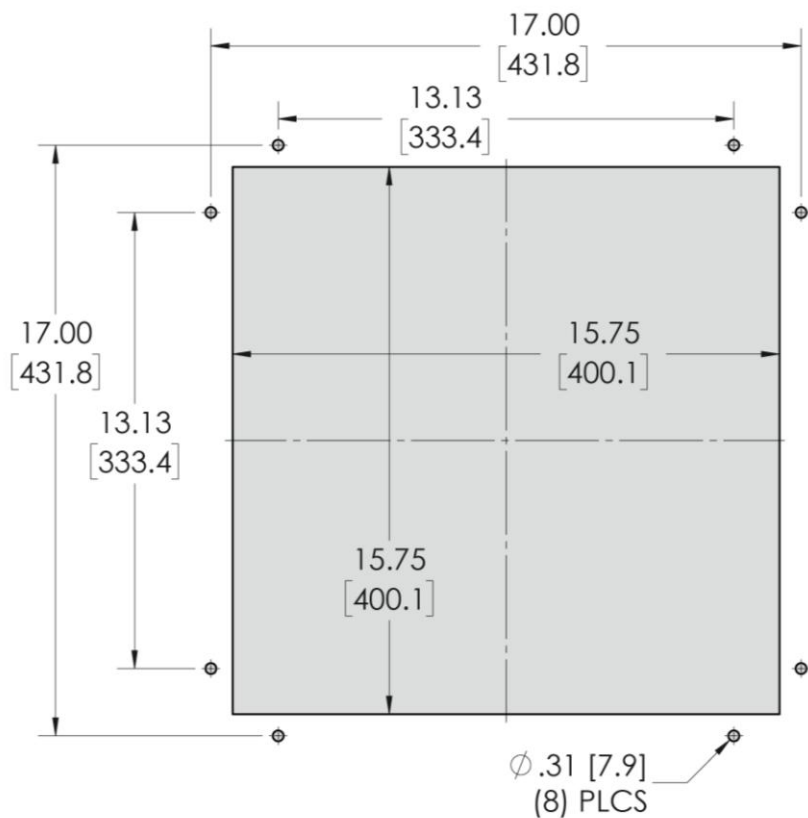
INSTALLATION REQUIREMENTS

(IC rated / -25°C to 45°C Ambient)

1. Minimum distance between adjacent luminaires and luminaires on the sidewalls, ceiling and floor as applicable: 600mm (24in.)

INSTALLATION

1. Install luminaire according to end product standards using 1/4-20 or M6 Fasteners (not included).
2. Verify cutout dimensions per (Fig. 1).
3. Recess into cutout (Fig. 2).
4. Wire luminaire to schematic shown (Fig. 3).



(Fig. 1)
Cutout dimensions

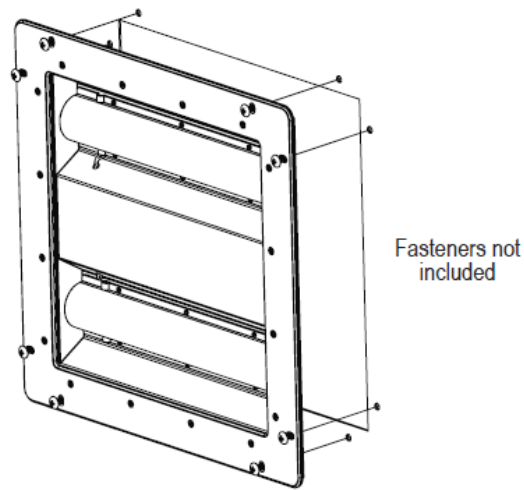


Fig. 2a
(Recess Installation)

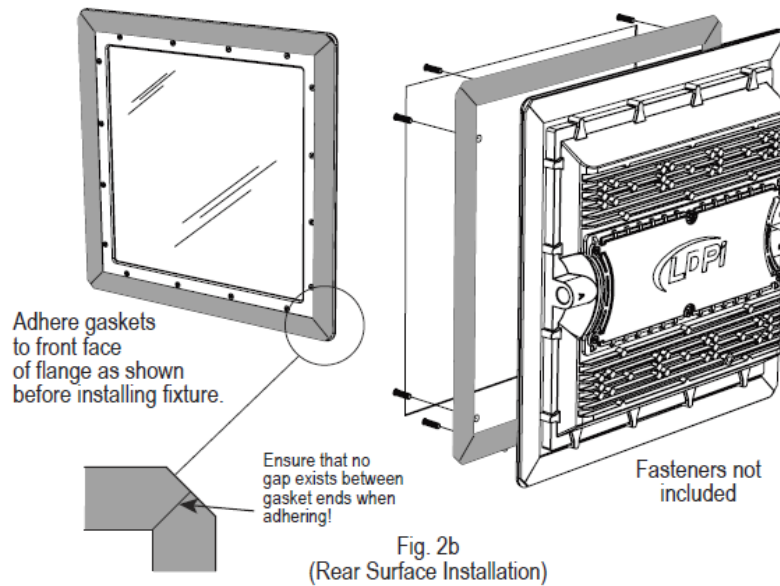
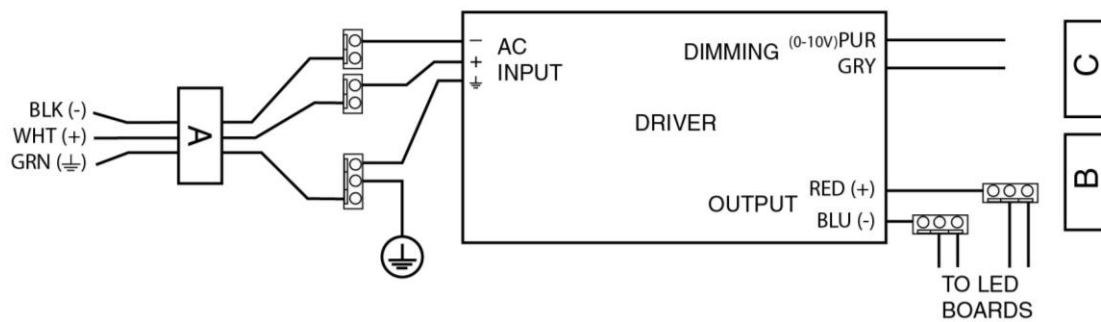


Fig. 2b
(Rear Surface Installation)



(Fig. 3)

MAINTENANCE

SEE WARNINGS: General maintenance is determined by application

Suggestions to increase fixture lifetime:

- Inspect the cooling fins on the luminaire to ensure that they are free of any contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
- Check all parts and fasteners to ensure all parts are properly secured and fastened.
- Check electrical connections to ensure that all connections are secure and free of corrosion.
- Replacement parts can be purchased separately. See chart below. Contact sales@ldpi-inc.com to order replacement parts.

TROUBLESHOOTING / CUSTOMER SERVICE

Please contact customer service for troubleshooting tips or with questions about installation or service.

1-800-854-0021
or
customerservice@LDPI-inc.com

