PLAFOND™ LED luminaire for Low Bay and Area illumination is designed for indoor/outdoor industrial and hazardous locations which include wet locations and marine environments.
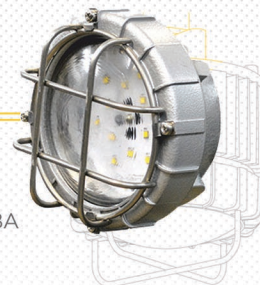
The Plafond's unique design combines innovative technology, industrial safety and lighting science.

The luminaire features:
• Engineered optics that create an optimized lighting pattern
• Heat-sinking technology that provides a maintenance free long life LED
• Energy efficient LEDs that minimize energy consumption
• Extremely compact and lightweight with low profile for versatile installation areas

MODELS ARE SUITABLE FOR USE IN THE FOLLOWING LOCATIONS:

– Use in Hazardous (Classified) Locations only as per 844 UL

– Outdoor Type (Salt Water) as per UL 1598A

– Wet Locations as per UL 1598

WARNING:

1. Turn off any supplying power before wiring or opening already wired luminaires.

2. While cleaning, wipe the i e with moist fabric only to avoid occurring of electrostatic charging.

3. Make sure the supply voltage is the same as the rated luminaire voltage.

4. Do not operate in ambient temperatures above those indicated on the luminaire nameplate.

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION!

PART I. PLAFOND™ INSTALLATION AND MOUNT

Important (!): Prepare a clean surface to keep parts during assembly. Check to ensure all parts are there.

1. Unscrewall stopper screws (2) then turn the Plafond face down and unscrew its lid-diffuser sandwich, carefully remove it from Plafond's enclosure, and place on prepared clean surface. Warning (!): the lid - diffuser sandwich components are not connected, be careful and keep them together.

2. If the Plafond™ fixtures come with pre-installed M20-to-NPT 3/4" or 1/2"(2) two adapters and (1) one plug to be used with end user's Class I Division 1 cable glands, please, follow corresponding cable gland installation manual that comes with those cable glands.

3. Once the cable is installed into the CID1 cable gland See FIG.2 and connect cable power wire to terminal marked with BLACK, neutral wire marked with WHITE on the driver. Connect internal ground wire to ground screw-in type connector marked GROUND and the external ground wire to the ground screw - in type connector on body.

4. For IP66 sealing

Important (!):An additional seal is required for IP66. Installsupplied with the Plafond™ rubber seal into the groove located on the inside of the diffuser- holding ringas shown on the Fig 3.

5. Connect LED LENSE with LED Driver and body using WAGO connectors. Connect RED wire with RED wire and White wire with White wire. Close WAGO connector to ensure tight, clean fit. See Fig. 4
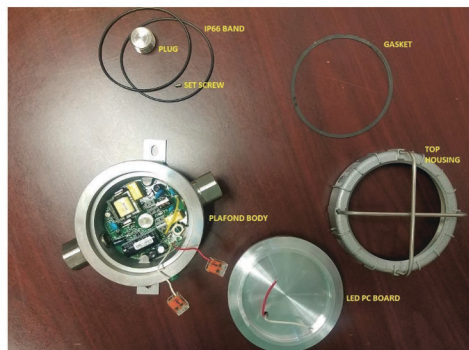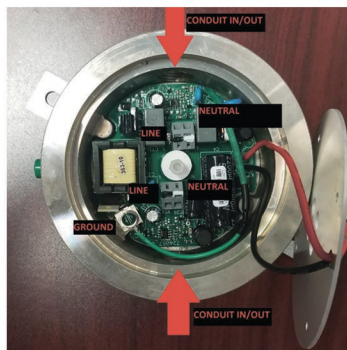
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03-01-19

FIG 1.

FIG 2.

FIG 3.

FIG 4.

FIG 5.

FIG 6.

6. Install rubber gasket to exterior of glass lens. See Fig. 5

7. Screw top housing of Plafond down and install and tighten set screw. See FIG.6

8. The fixture is ready to be used.

CABLE INSTALLATION INTO THE CID1 OR CID2 CABLE GLAND

1. Untighten the outer seal nut

2. Prepare size range 12 - 18 AWG cable wires for connecting to the fixture terminals by stripping back few millimeters of each wire sheath to suite the terminal geometry. (NOTE! 12 AWG is the maximum wire diameter to be used with the device terminals)

3. Pass the size range 12-18 AWGcable through the cable gland inside the enclosure. (NOTE! If other size cables are required different CID1 or C1D2 cable gland/grip can be used with appropriate ADAPTER to CABLE GLAND IP66 sealing)

4. Connect the wires to the fixture terminals.

5. Tighten the outer seal nut. (NOTE! Make sure all the components —adapter, sealing nut, cable grips are well tightened)

SIZE 12-18 AWG CABLE

ENCLOSURE

¾"ADAPTER

CID1 or CID2 CABLE GLAND

OUTER SEAL NUT

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