

INSTALLATION INSTRUCTIONS

ULF839VW SERIES LED LIGHT FIXTURE FOR PAINT BOOTH APPLICATIONS

WARNING!

1. This fixture should be installed by qualified technicians in strict accordance with the National Electrical Code and any local requirements.
2. To prevent the risk of electrical shock, disconnect the power supply before installing fixture.
3. The luminaire housing shall not be opened after installation. This product contains no user-serviceable parts. Any unauthorized opening, modification, or repair is strictly prohibited and may void all applicable warranties and certifications and could result in safety hazards. In the event of malfunction or failure to operate as intended, the entire luminaire shall be replaced.
4. Installation of this luminaire on walls or ceilings of booths incorporating insulation is strictly prohibited.
5. Failure to maintain a minimum spacing of 300 mm between adjacent luminaires and from the luminaire to any sidewall, ceiling, or floor may result in unsafe operating conditions.
6. Under no circumstances shall solvents or abrasive cleaners be used on the luminaire surface. Cleaning shall be performed using water only and only when the ventilation system is in operation.
7. Under no circumstances shall airflow at the rear of the luminaire be obstructed. Adequate air movement must be maintained to prevent the accumulation of gases or vapors and to permit cleaning of the enclosure.

PAINT SPRAY BOOTH APPLICATIONS

The fixture should be sealed in such a way that only the face of the light fixture is exposed to the paint environment and the sides and back are in the Class I Division 2 environment.

This light fixture is certified to CID2 Groups A, B, C, D

OPERATIONAL DATA

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

INSTALLATION

1. Mark a rectangle recessed opening in the booth panel where fixture is to be located as shown per customer's applications. Refer to Figure 1.
2. Cut a rectangle recessed opening in the booth panel using appropriate cutting tools.
3. Locate and align light fixture into the opening in booth panel, mark all the 12 locations of mounting holes.
4. Remove light fixture from booth panel and drill the mounting holes with diameter 6.5mm for the recommended metric M6X1.0 screws.

NOTE: A pre-cut rectangle recessed opening and mounting holes in any booth panel will make the installation much time-saving and easier.

5. Route fixture wiring through the conduit hub in accordance with the provided schematic. There are 5 colored wires for all the respective light fixtures. Refer to Figure 2.
6. Install mounting screws (not supplied) and secure light fixture tightly to booth panel. Refer to Figure 3.

NOTE: Before installing fixture, ensure mounting gasket is installed on bottom surface of the light fixture mounting flange. All fasteners exposed to the interior of the paint booth shall be made exclusively from non-sparking materials (e.g., bronze, brass, copper, or aluminum). **Customers are responsible for providing any panel reinforcements needed for mounting.**

7. Ensure caulk and seal the flange parameter to prevent leakage. Refer to Figure 4. Installation of light fixture onto booth panel is now complete.

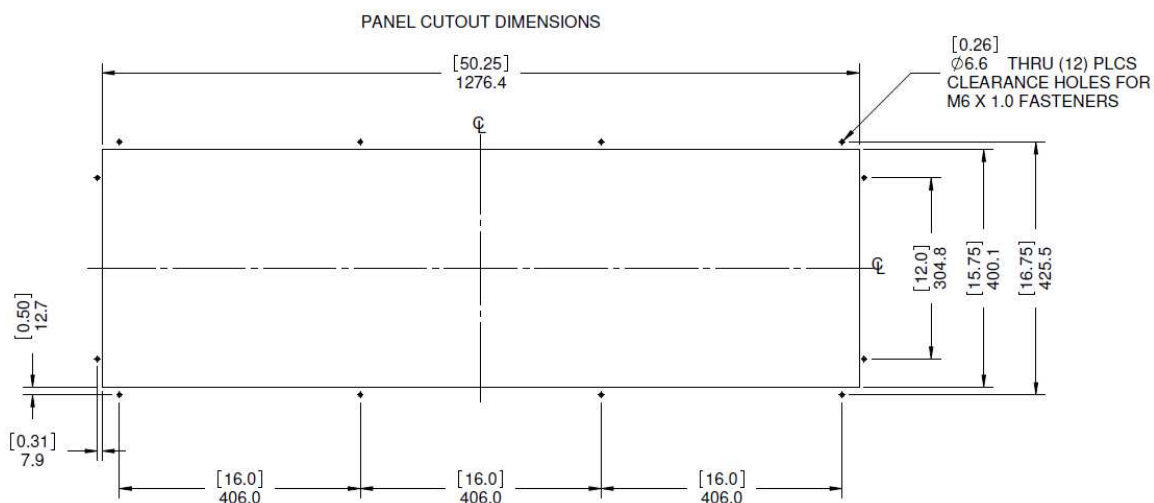


Figure 1. Panel cutout dimension of fixture ULF839VW Series

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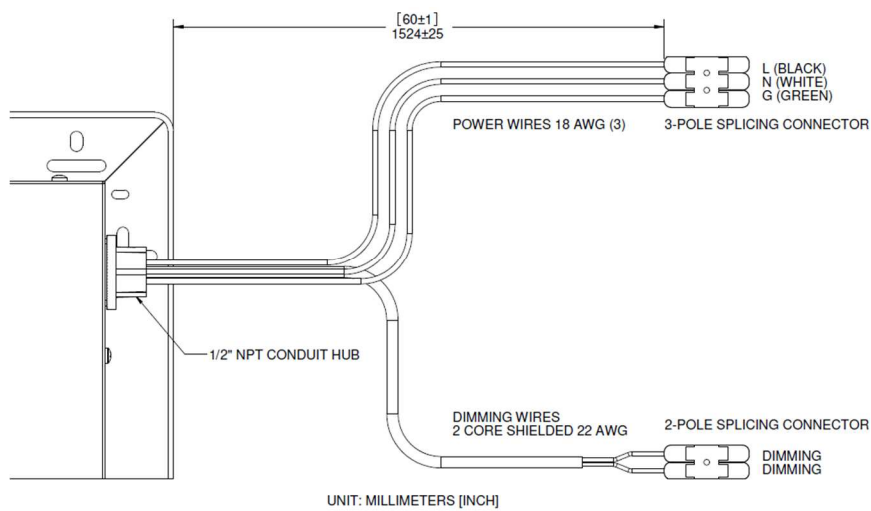
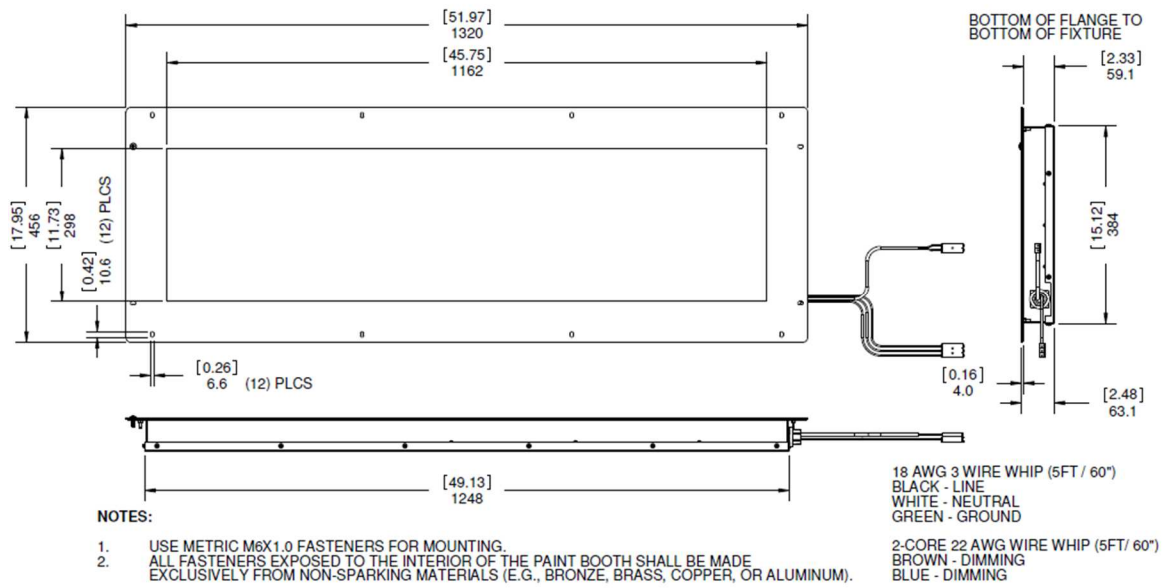


Figure 2. Wiring schematic of fixture ULF839VW Series

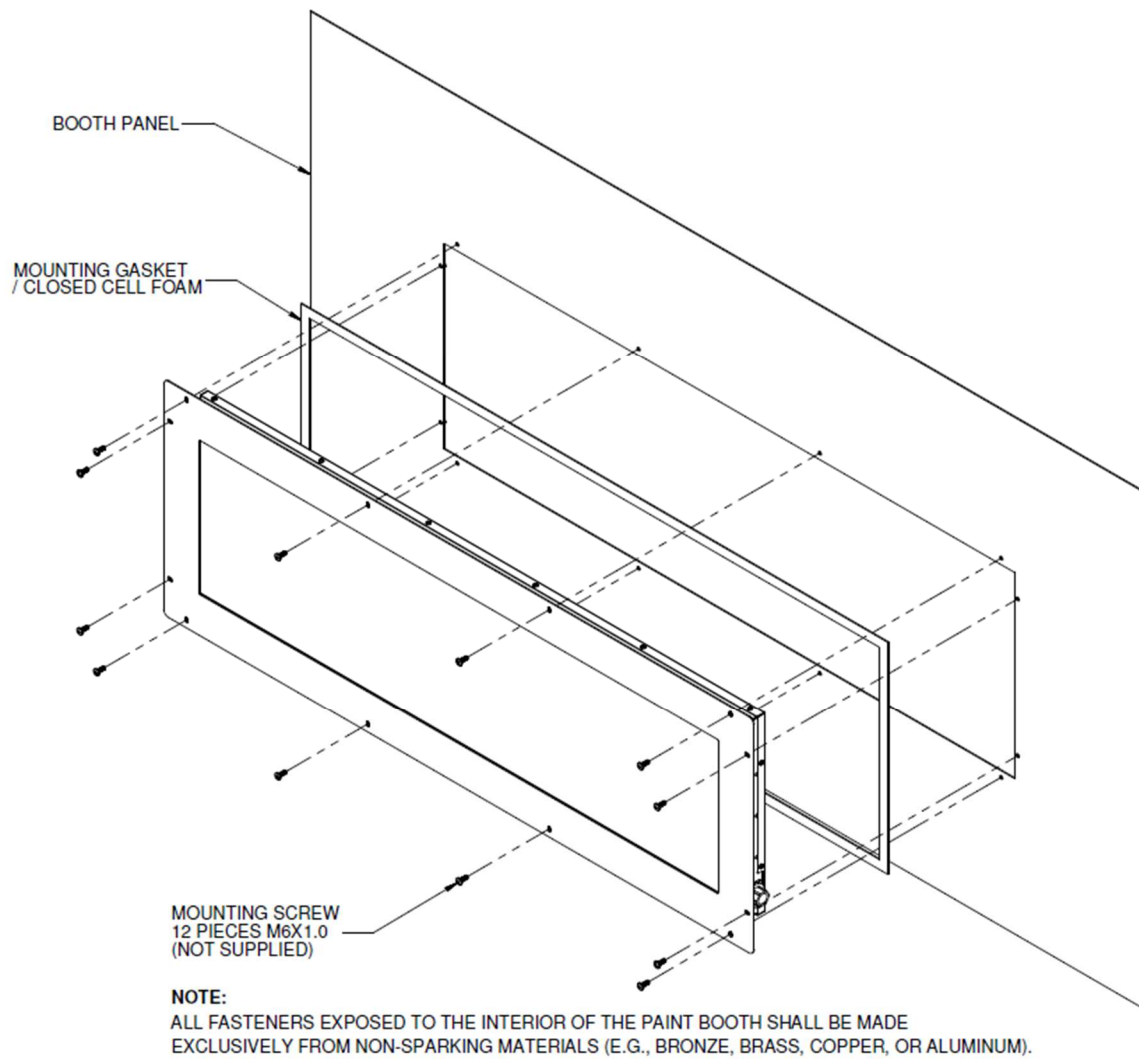


Figure 3. Installation of fixture ULF839VW to booth panel

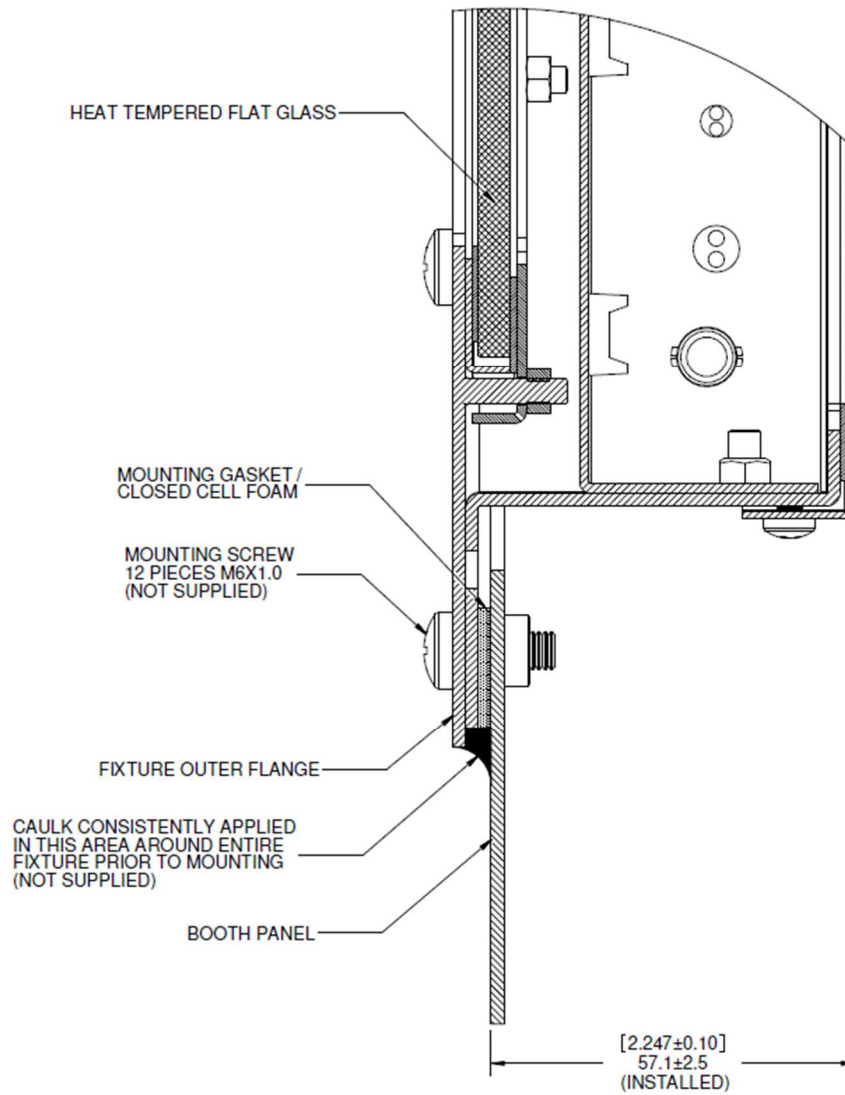


Figure 4. Mounting detail of fixture ULF839VW to booth panel