Explosion-proof fluorescent light features four lamps

Larson Electronics has announced the introduction of a four lamp explosion proof fluorescent light designed to provide high output from a more compact fixture size. Measuring only two feet long and constructed for low profile mounting, the EPL-24-96 Low Profile Explosion Proof Fluorescent Light provides high output and hazardous location compliance in a compact and unobtrusive fixture design.

The EPL-24-96 [1] low profile explosion proof fluorescent light fixture from Larson Electronics provides operators in hazardous locations with a more compact lighting solution that produces high output yet requires less space for installation. Approved for use in areas designated as Class 1 Division 1 and Class 1 Division 2 locations, this 2 foot long, four bulb fluorescent light fixture produces 8,000 lumens of quality light output with a 4100k color temperature. This explosion proof fluorescent light is approved for paint booth lighting [2] use as well, and with its four standard T5HO lamps providing excellent output and good color rendering qualities, it provides the light quality needed for maintaining the quality of finishes and coating applied within the spray booth. The EPL-24-96 is designed for low profile mounting and measures only four feet long, making it a good choice for operators who want a less obtrusive fixture that still provides high output and even coverage. Low profile fixture designs are particularly popular with paint booth operators due to their ability to be more easily mounted within recesses or sealed off from the room.

This fixture also features copper free aluminum construction for light weight and

durability, Pyrex lamp tubes, high gloss aluminum reflector assemblies, and screw on end covers that make relamping easier and more secure than with typical "knock off" end covers. Larson Electronics also offers different lamp options to allow operators to tailor the fixtures' light output to their particular needs, although operators should check to verify how lamp options may affect paint booth and classification suitability when specifying optional lamp choices. The ballast in this fluorescent light fixture [3] is sealed and is designed to allow operation with a universal range of voltages including 120V-60hz, 220V-50hz, 240V-60hz, and 277V-60hz. This explosion proof light is also UL 844, 924, UL 1598 Marine Type, and UL 595 Outdoor Marine Type approved, making it well suited to offshore and marine based applications such as oil rig or marina use. The fixture carries a T6 temperature rating and has a maximum case temperature of 90C, is California Title 24 Compliant, and ideal for any industrial or commercial application where even coverage and high output is required and flammable vapors and gases may be encountered.

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