Scaffold-mount LED Work Light Provides Low-voltage Operation

Magnalight.com announced today the release of the Epljh-70led-1224I-100 low-voltage scaffold mount LED work light to its inventory of explosion proof lighting equipment. This explosion proof LED light is designed to provide low voltage operation and versatile mounting capabilities for workers in hazardous locations who commonly use ladders and scaffolds during operations. This LED light is equipped with an adjustable scaffold mounting bracket and low voltage transformer, making it ideal for operators engaged in plant turnarounds, coal processing, petroleum refinement and other operations involving hazardous flammable materials.

The Magnalight Epljh-70led-1224I-100 low voltage explosion proof LED light fixture provides the power and durability of LEDs combined with the versatility of an adjustable J-hook ladder mount bracket. The 70 watt explosion proof LED lamp of this scaffold mounted light produces over 6,000 lumens of clean white light in a wide flood pattern and is well suited for illuminating larger work areas. The LED assembly is contained within an explosion proof aluminum housing with a 3/4" thick thermal shock and impact resistant tempered glass lens, and the housing has a rugged thermoset powder coat finish for resistance to abrasion and corrosion. The LEDs in this unit are high quality CREE XLamp MC-E® units and provide a 50,000 hour rated lamp life as well as extreme durability and reliable operation. This explosion proof LED light is designed for low voltage applications with an inline waterproof transformer that converts standard 120 VAC current to 12 volts. The mounting system consists of a versatile aluminum J-bracket that is designed to be adjusted from 26 to 34 inches to allow operators to attach the unit to scaffolds and ladders of various sizes. This unit also has an adjustable center post which allows

operators to raise the lamp 3 feet, giving them the ability to raise the light higher when attached to waist high railings. The lamp head is adjustable as well and can be moved both vertically and side to side for optimum coverage of the workspace. Included with this explosion proof LED light is 100 feet of chemical and abrasion resistant cord ending in a 1523 explosion proof plug for safe and secure connections. The low voltage LED design of this hazardous location light provides numerous advantages over traditional halogen units including much better efficiency, cool operation, safer operating voltages, very high durability, and extremely long lamp life. This unit is approved for hazardous locations and carries Class 1 Division 1, Groups C and D, Class 1 Division 2, Group C, D certification and a T4 temperature rating. This light is also UL 781 portable Haz-Loc use certified as well as UL 595 certified for marine locations, making also well suited to wet or damp locations.

“The EPLJH-70LED-1224I-100 is suitable for operators working with scaffolding or ladders needing portable illumination that is easily mounted within their work area,” said Rob Bresnahan with Larson Electronics’ Magnalight.com. “The unique rail-mount design bracket and the UL listed, low voltage explosion proof LED light are a perfect package for working inside tanks and other wet area locations.”

Larson Electronics’ Magnalight.com carries an extensive line of portable work lights, hazardous location lights, LED lights, portable explosion proof lights, and portable LED work lights. You can view Larson Electronics’ entire Magnalight line of heavy duty lighting at Magnalight.com. Magnalight can be reached directly by calling toll free, 1-800-369-6671 or 1-214-616-6180 for international inquiries.

Posted by Janine E. Mooney, Editor

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