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EPLCD-SML-2X10W-C-3WS-50C-MOD1

20W Explosion Proof LED Signal Light - C1D1, C2D1 - Yellow, Green - 50' 16/3 SOOW Cord - Dolly Cart

Product ID: 150842

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPLCD-SML-2X10W-C-3WS-50C-MOD1 Explosion Proof LED Dolly Cart Signal Light

Lamp Type: LED
Dimensions: W-22.472" H-57.625" D-22.402"
Weight: -
Voltage: 120-277V AC or 12/24V DC or AC
Watts: 10W per Lamp, 20W Max
LED Expected Lifespan: 50,000+ Hours
Lamp Colors: Yellow/Green
Lighting Configuration: Strobe (Yellow), Steady Burn (Green)
Ambient Temperature: -40°C to +85°C
Materials: Copper-free Aluminum
Mount: Backplate, Dolly Cart w/ (2) Rubber Wheels
Wiring: 50` 16/3 SOOW Cord w/ EXP Cord Cap
Switch Type: 3-way

Ratings/Approvals

Listed for United States & Canada
Class I, Div 1 & 2 Groups C,D
Class II, Div 1 & 2 Groups E,F,G
Class III, Div 1 & 2
IP67 Waterproof
T3C Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements
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Made in the USA

The EPLCD-SML-2X10W-C-3WS-50C-MOD1 Explosion Proof LED Signal Light from Larson Electronics is designed for portable signaling and illuminative safety in combustible facilities. The 20-watt system includes two LED lamps (yellow and green), which is mounted on a dolly cart with two rubber wheels for seamless transportation around the hazardous location. Constructed of copper-free aluminum, the unit comes with a 50` 16/3 SOOW cord and an explosion proof cord cap.

The EPLCD-SML-2X10W-C-3WS-50C-MOD1 is an ideal indicator lighting solution for flammable work sites and environments. This 20-watt LED system consists of one, yellow LED lamp with a strobing configuration and one, green LED lamp with a steady burn configuration. A 3-way switch allows operators to control the LED lamps manually. In application, the switch can be engaged to turn the green steady-burn LED lamp on (yellow LED light off), indicating normal operations at the site. To indicate caution, the switch can be engaged to turn the yellow strobing LED lamp on (green LED light off). The dolly cart-mounted LED signal light is offered in universal 120-277V AC, 12/24V DC or 12/24V AC.
The explosion proof LED light is constructed with a polyester powder coated copper-free aluminum casting that can withstand 1,490 pounds PSI hydrostatic pressure. For durability, the lamps are protected by Pyrex globes and cast aluminum globe guards. The unit offers cool operation and clean bright output that surpasses the performance of 100-watt incandescent indicator lamps.
Unlike traditional indicator lamps that use a colored globe with low color temperature incandescent lamps, this explosion proof LED stack light incorporates a clear glass globe and colored LED lamps. By utilizing colored LEDs instead of tinted lenses or globes, the total visibility and light output is increased when compared to traditional colored lamps. This is particularly important for strobe configurations, increasing the peak candela of the signal during indications.

Commonly used color codes for indicators:
• Red: Stop / Failure conditions, such as an emergency stop or machine fault
• Yellow: Caution / Warnings, such as over-temperature or over-pressure conditions
• Green: Go / Normal machine or process operation
• Blue: External help request / Operator/Supervisor required / Maintenance personnel assistance required
• White: User-defined conditions specific to application and environment

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Wiring: This explosion proof LED light is equipped with 50` of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets.
Mounting: The EPLCD-SML-2X10W-C-3WS-50C-MOD1 is secured on a heavy gauge aluminum back plate fabricated from copper-free aluminum and mounted on a dolly cart for seamless transportation around the work site. This explosion proof LED light and dolly cart offers an excellent lighting solution for operators who need illumination in unusual areas where traditional fixed mount lighting is obstructed or cannot effectively reach.
Note on Lights: Please note, the color choices and light configuration of this unit can be customized to your requirements. We offer steady burn or strobing LED lamps, as well as high or low voltage configurations. These stack lights can also be configured with audible horns. Please contact us for special color configurations.
Applications: Inspections, hazardous locations, status indicator, fuel depot, safety lighting system, signaling, flammable work sites, oil and gas, chemical processing, repair, maintenance and more.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Product ID: 150842

Export Control Classification Number (ECCN): EAR99

Options:

EPLCD-SML-2X10W-C-3WS-50C-MOD1-Voltage-Cord Cap

Example: EPLCD-SML-2X10W-C-3WS-50C-MOD1-1227-1523

Voltage	
120-277V AC	-1227
12/24V AC/DC	-1224

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-20P	-2023-250V

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**