

**Explosion Proof LED Cart Light - Class 1 Div 1 & Class 1 Div 2 - Group B Hydrogen Approved**

Part #: EPL-16C-1MLED-B



**Made in the USA**

The EPL-16C-1MLED-B Explosion Proof Portable Tank Light from Larson Electronics is rated Class 1 Division 1-2 Groups B, C & D and Class II Division 1-2 and uses LEDs to produce 10,000 lumens of light while drawing only 150 watts.

**\*PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS LIGHT CART\***

The EPL-16C-1MLED-B is a cart mounted explosion proof LED light suitable for use in atmospheres containing hydrogen vapors or gases that provides 8,000 square feet of work area coverage with 10,000 lumens of light output. This portable LED cart light has a removable light head measuring 16 inches in diameter which allows the unit to fit through the standard sized manholes or entry passages commonly found in the petrochemical and marine industries.

Often simply referred to as a "tank light", this unit is considered universal due to its ability to be passed through any conventional manhole such as those found in petrochemical containers and ship storage tanks. The LED light head produces a brilliant flood pattern of light that is ideal for illuminating enclosed areas and further adds to this units desirability as a portable tank lighting solution.



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This portable LED light cart is comprised of a removable 16 inch LED light head mounted atop a solid rubber wheeled cart fabricated from non sparking aluminum. Transferring the unit through manholes consists of simply removing the light head from the cart, passing the light head and cart through the manhole separately, and then reassembling the unit once inside. Included with this LED light cart is 250 feet of SOOW cord which combined with the 360 degrees of rotation and 90 degrees of tilt offered by the LED light head provides an effective alternative to often cumbersome explosion proof string lights.

This unit is also multi-voltage capable and can configured to operate on 120-277 volts 50/60 Hz. Further adding to the versatility and convenience of this LED light cart are 25 peel off Mylar overspray lamp protectors that ship with the unit. The protectors provide lamp protection from dirt or debris and can be removed, cleaned and replaced, lessening the need for tedious lamp cleaning or replacements. This lamp is T5 temperature rated and the LED light head retains 80% of its lumen output after 60,000 hours of use, far longer than incandescent or fluorescent lamps. The light head can be removed and used separately from the cart for added convenience.

Rated Class 1 Division 1 Groups B, C and D and Class 1 Division 2 Groups B, C and D, this light is approved for use in locations where hydrogen gases or similar vapors are or may be present as well as petrochemical and other flammable gases.

**Made in USA Quality**

**Superior LED Benefits**

- 1. Class 1 Division 1-2 Class II Division 1-2 Approved
- 2. Fixture arrives assembled and lamped to reduce installation time and cost.
- 3. Cart constructed of corrosion resistant copper free aluminum.
- 4. No ballast box. No ballast to replace.
- 5. Extreme long life LEDs reduce maintenance and replacement costs.
- 6. Solid rubber tires. No flats or tube replacements.
- 7. 25 peel off Mylar overspray lamp protectors ship with the unit.
- 8. 10,000 Lumens produced from only 150 watts.
- 9. Mercury free shock proof LED lamp light head.

- 1. 60,000+ hour lifespan.
- 2. Can SAVE 50% or more on energy.
- 3. 100% recyclable.
- 4. No toxins-lead, mercury.
- 5. No UV light, infrared radiation or CO2 emissions.
- 6. Bright, even light maintains consistent color over time.
- 7. Instant on/off – No flickering, delays or buzzing.
- 8. Very good color rendering.
- 9. Vibration/impact resistant.
- 10. Significantly cooler operation.
- 11. Less frequent outages, higher output improves workplace safety.

**Specifications / Additional Information**

**EPL-16C-1MLED-B Explosion Proof Tank Light**

**UL Listing:** United States

**Dimensions:** 16" Light head

**Weight:** 65 lbs.

**Total Watts:** 150 watts

**Voltage:** 120V-60hz 220V-50hz 240V-60hz 277V-60hz

**Operating Temp Range:** T5 Rated -40C to 65C

**LED Lamp Life Expectancy:** 60,000 Hours

**Mounting:** Non Sparking Aluminum Cart

**Wiring:** 250 feet SOOW Cord, Explosion Proof Straight Blade Plug

**Color Temp:** 6000K

**Beam Lux:** 8500@ 1 Meter 1250@ 3 Meters

**Ratings / Approvals**

Class 1 Division 1, Groups B C and D

Class 1 Division 2, Groups B C and D

Class II, Division 1 - 2, Groups E,F,G

C-1 D-1 (Group B – Hydrogen Only)

C-1 D-2 (Group B – Hydrogen Only)

cETL certified to UL844 and C22.2 standards

ECP1523 Class 1 explosion proof plug

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-498-3363

**E-mail:** sales@larsonelectronics.com

**YOU CAN RENT THIS UNIT for \$550 per month. Contact 1-800-369-6671 to make arrangements.**

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Part #: [EPL-16C-1MLED-B \(48685\)](#)









Links (Click on the below items to view):

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