

Explosion Proof Low Profile LED Light on Dolly Cart with Wheels - Adjustable Light - Portable

Part #: EPLCD-48-100LED



Made in the USA

The Magnalight EPLCD-48-100LED Explosion Proof LED Dolly Light Fixture is U.S./Canada U.L. approved Class 1 Division 1 for areas where flammable chemical/petrochemical vapors exist or have the potential to exist. This explosion proof LED light has a T4A temperature rating.

The EPLCD-48-100LED is comprised of solid state design LEDs, making this explosion proof led fixture highly resistant to shock and vibrations. This 100 Watt LED fixture draws less than one amp on a 120 Volt AC power system while producing 7,000 lumens of bright white light. This explosion proof 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. The light head on this non-sparking aluminum cart offers a full 360 degree rotation and 180 degree pivot, allowing the operator to adjust the light accordingly to meet any application. The dolly cart is comprised of light-weight aluminum tubing and features rubber wheels for easy transportation.

[Click Photo to Enlarge](#)[Click Photo to Enlarge](#)[Click Photo to Enlarge](#)

This explosion proof linear LED portable fixture contains no ballast box normally associated with fluorescent fixtures, which reduces overall weight and creates a slimmer unit profile. The solid state LEDs have a 100,000+ hour service life, which results in extreme efficiency and greatly reduced maintenance costs. The solid state design of the LED lamps give this fixture superior resistance to damage from vibration, extremes in temperature and a lamp service life over twice that of standard T5 fixtures.

This light is multi-voltage capable and can be operated with 100-277 VAC, 50/60Hz without any need for a special ballast. The housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LED luminaries. The LED lamp produces 7,000 lumens with a color temperature of 5000K and a color rendering index of 70 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MV.
5. Retains 80% lumen output after 60,000 operating hours.
6. Powder coated aluminum fixture body.
7. Low profile - Light weight
8. 7,000 Lumen output from only 100 watts

Superior LED Benefits

1. 100,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

Specifications / Additional Information**EPLCD-48-100LED Explosion Proof****UL Listing:** United States - Canada**Dimensions:** W-4.83" L-47.46" H-6.15 "-Light only**Weight:** 36 Lbs**Total Watts:** 100 watts**Voltage:** Universal 120-277VAC 50/60 hz**LED Lamp Life Expectancy:** 100,000+ Hours**Efficiency:** 70 Lumens per Watt**Ambient Operating Temp Range:** -40 C to 65 C**Operating Temp Rating:** T4A Rated**Minimum Operating Temp:** -40 C**Maximum Case Temp:** 65 C**Beam Angle:**150 degrees**Color Temp:**5000K**Mounting:**Portable Dolly Cart with Wheels**Wiring Hub:** 1/2 inch threaded**Warranty:** **YES**- 5 Years*

*5 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light Larson Electronics' Magnalight at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics Magnalight will provide a return label via email to the customer. When the failed light is returned, Magnalight will ship a new replacement.

Scroll Down to [Purchase](#)

Part #: [EPLCD-48-100LED \(64228\)](#)

U.L. Ratings

Class 1 Division 1, Groups C and D T4A

UL 844

UL 1598 Marine Type

UL 8750

IP66 Rated

NEMA 4X

CSA 22.2 No. 137-M81

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@magnalight.com

