
21 Watt Class 1 Division 1 Stanchion Mount LED Light - Vapor Proof and Explosion Proof - 120-240VAC

EPL-CM-21W-LED-STCHN

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



EPL-CM-21W-LED-STCHN

Lamp Type: LED

Watts: 21 Watts

Lamp Dimensions: 7.25"-Wide, 15" Height

Lamp Weight: 9 lbs

Lumens: 1750

LED Light Color: 6000K

LED Lamp Life: 50,000+ hours

Voltage: 100-240 Volts AC 50/60hz - Optional 9-32VDC

Lighting Configuration: Steady Burn

Mounting: Stanchion Mount

Temp Rating: T3C

Wiring: 3/4 inch Hub

Power Factor: 86%

U.L Ratings

Class 1, Groups C and D

Class II, Groups E and F (T3 Temp Rating)

Class III, Groups E, F and G

IP67 (water proof)

Suitable for Paint Spray Booths

T3C Temperature Rating

LEDs Driven at 90%

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-CM-21W-LED-STCHN Explosion Proof LED Light from Larson Electronics is UL rated Class 1 Division 1, Groups C, D, and paint spray both approved. Water proof and IP67 rated , this explosion proof LED light is available in pendant, ceiling, or wall mount options.

The effective and durable EPL-CM-21W-LED-STCHN explosion proof LED light from Larson Electronics is approved for use in paint spray booths and is ideal for industrial applications, hazardous work spaces, and areas where gases, vapors and dusts may be present and an effective and durable hazardous location light solution is needed. This lamp can be equipped with seven Edixeon® 3 watt LED emitters to provide a variety of brightness and power options. The lamp housing is waterproof, constructed of heavy cast aluminum, and UL tested to withstand 1490 lbs. per square inch of hydrostatic pressure. Factory sealed and finished in a durable polyester powder coating, this lamp can be ordered with a choice of mounting options and can be configured to operate with 120-240VAC 50/60hz. This fixture is also available in an optional low voltage 9-32 volts DC.

[Click Photo to Enlarge](#)

This hazardous area light carries a T3C temperature rating and is UL Listed Class 1, Groups C and D, Class 2, Groups E and F(T3 rating), and Class III, Groups E, F and G. This light is IP67 rated waterproof and suitable for use in paint spray booths and areas where flammable gases, vapors and chemicals may be encountered as well as approved for exposure to combustible dusts.

NOTE: To retain paint booth approval requirements, only lamps of 150 watts or lower be used with this unit. At 21 watts, this LED unit is far below the 150 watt limit. The cast aluminum housing is fully factory sealed and includes an integrated inspection hole for easy access to the splice compartment. Wiring is through a 3/4" hub.

The Edixeon® LEDs offer inherent LED resistance to shocks and vibrations, contributing to these units 15.6Grms rating of vibration tolerance and offer an outstanding life hours of 50,000+. The LED lamps used in this unit offer good power and economy and are energized by leads which pass through sealing compound that separates the lamp chamber from the wiring compartment. The lamp assembly is protected by an impact and heat resistant clear prismatic globe with heavy gauge aluminum reflector that affords excellent light control.

Stanchion Mount: Available with a single 3/4" wiring hub, the stanchion mount option allows operators to mount this unit in locations where vertical or horizontal wall or ceiling mounting is unavailable or undesirable. Additionally, the stanchion mount can be used to produce custom mounting angles or to mount the unit in unusual locations to achieve the best performance from the unit.

Number of Hubs and Sizes: The wiring hubs on these units are threaded for connection to rigid conduit and threaded connectors. Pendant and Stanchion mount configurations contain a single wiring hub and can be ordered with a 3/4" hub. Ceiling and Wall Mount configurations are available with a 3/4" hub and contain 4 threaded wiring hubs to allow feed through and series connections as well as connection to vertical or horizontally placed conduit.

Voltages:

100-240VAC 50/60hz - 0.175 amp draw @ 120VAC. Optional 9-32VDC - 0.875 amp draw @ 24VDC.

Temp Code: Class 1 T3C 230° C - Class2 T3 (Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.)



Frequently Asked Questions (FAQ)









Options:

EPL-CM-21W-LED-STCHN-Degree-Pipe OD-Voltage

Example: EPL-CM-21W-LED-STCHN-10DEG-.75in-HV

Degree	
10° STANCHION	-10DEG
25° STANCHION	-25DEG
45° STANCHION	-45DEG
60° STANCHION	-60DEG

Pipe OD	
3/4	-.75in
1	-1in
1-1/4	-1.25in
1-1/2	-1.5in
2	-2in
2-1/2	-2.5in
3	-3in

Voltage	
HIGH VOLTAGE AC	-HV
LOW VOLTAGE DC	-LV

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Operations Manual](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)