

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



HAL-LED-CPR-C-40-X24VDC C1D2 ATEX Rated HAZLOC LED Light Fixture

Lamp Type: LED

Light Dimensions: 7.87"L x 7.87"W x 10.63"H

Power Supply External Dimensions: 7-3/4"H x 6-1/8"W

Power Supply Internal Dimensions: 6-11/16"H x 4-1/4"ID

Power Supply Internal Volume: 33 cu. in.

Weight: 8.82 lbs

Voltage: 24V DC Via External Power Supply

Total Watts: 40W

Total Lumens: 4,000

Luminous Efficacy: 150 Lm/W

LED Lamp Life Expectancy: 100,000+ Hours

Color Temp: 5700K, Cool White (Also available in 4000K and 2700K)

Beam Angle: 120°

Power Factor: 0.98

Ambient Operating Temperature Range: -30°C to +65°C

Temperature Rating: T4

Ingress Protection: IP68

Housing Material: Die Cast Aluminum

Housing Color: Grey

Lens Material: Tempered Glass

Mounting: Surface or Pendant

Wiring: 10" 16/3 SOOW Cable with Flying Leads

Wiring Hub: 3/4" NPT

Housing Color: Grey

Ratings/Approvals

Listed for United States, Canada, Europe, International

Class I, Division 2, Groups A,B,C,D

IEC Ex / ATEX - Ex ec IIC T4 Gc

Approved for Zone 1, Zone 21

NRTL Certified to UL 844

NRTL Certified to UL 1598

NRTL Certified to C22.2 No. 137

NRTL Certified to C22.2 No. 250.0

NRTL Certified to IEC 60079

NRTL Certified to EN 60079

T4 Temperature Rating

PSE Certified, SAA Certified

IP68 Waterproof

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics HAL-LED-CPR-C-40-X24VDC hazardous location LED lights provide operators with a powerful and energy efficient alternative to other hazardous area luminaries. LED technology and a sturdy design make this light perfect for a wide variety of illumination needs. Surface and pendant mounting options give operators versatility in light placement.

This Class I Division 2 explosion proof LED light fixture provides 4,000 lumens of lighting power while drawing only 40 watts. It is constructed from durable die cast aluminum and comes with a tempered glass lens. The unit is rated for 100,000+ hours of lamp life and is ready to be mounted via the attached wall and ceiling mount. It is also a great option when upgrading lighting from older and higher maintenance cost explosion proof lighting.

The HAL-LED-CPR-C-40-X24VDC operates on 24V DC via an external power

supply. The remote power supply mounts separate from the fixture with external dimensions of 7-3/4" high x 6-1/8" wide and internal dimensions of 6-11/16" high x 4-1/4" depth. Internal volume is 33 cubic inches. The HAL-LED-CPR-C-40-X24VDC features 24 individual LEDs that offer high-quality light in a 120° beam spread. This light is also ATEX rated for European countries. Recommended in a color temp of 5700K, this light is also available in 4000K and 2700K. The cool white of a 5700K color temperature fixture provides clear, bright light for great illumination of any work area.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life. LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Applications: Refineries, storage facilities, gas and oil facilities, wastewater and sewage plants, gas stations, farm buildings, aerospace, military
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.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of durable die aluminum.
4. Superior color rendering compared to HPS, LPS, MH.
5. 100,000+ hours LED lamp life expectancy.
6. Tempered glass lens.
7. Multiple Mounting Options Including Surface and Pendant
8. Low profile - Light weight
9. 4,000 Lumen output from only 40 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 LED 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.



Frequently Asked Questions (FAQ)

Options:

-Mount-Color Temp

Example: -CLG-57K

Mount	
SURFACE	-CLG
PENDANT	-PND

Color Temp	
5700K	-57K
4000K	-40K
2700K	-27K

Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)