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HALSS-24-2L-LED-HBL

2' Stainless Steel Hazardous Location LED Light Fixture - Heat Treated Glass Lens - Class I, Div. II

Product ID: 71099

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.

HALSS-24-2L-LED-HBL Hazardous Location LED Lighting
ETL Listing: United States

Dimensions: W-9 1/2" L-28 " H-6 3/4"
Weight: 25 Lbs
Total Watts: 30 watts

Voltage: 120-277 Volts AC 50/60hz, 12-24 Volts DC
Lamp Life Expectancy: 50,000 Hours
Efficiency: 90 Lumens per Watt
Temp Range: T4C Rated -30 C to 85 C
Minimum Operating Temp:-30 C

Beam Angle: 150 degrees
Lens: Heat Treated Glass

Color Temp: 5300K

Mounting: Flange type stainless steel

Wiring Hub: 1/2 inch threaded

Maximum Case Temp: 90 C

ETL Ratings
Class 1 Division 2, Groups A, B, C, D
UL 595 outdoor marine
UL 1598A Marine Type (Salt water)
Meets US Coast Guard specifications.

Special Orders - Special Requirements
Contact us for special requirements

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Made in the USA

The Larson Electronics HALSS-24-2L-LED-HBL Hazardous Area LED Light Fixture is ETL approved Class 1 Division 2 Groups A, B, C and D - 1598A listed and is specifically designed to withstand high vibration

locations and the rigors of wet and corrosive marine environments.
The HALSS-24-2L-LED-HBL hazardous area LED light fixture is designed for use in wet areas and saltwater-marine environments where corrosion resistance is critical to equipment longevity and safety. This Class 1 Division 2 rated fixture is constructed of non-corrosive materials including a stainless steel housing, a poured in gasket for reliable sealing and an impact resistant acrylic diffuser. Our LED T series lamps included with this fixture add greater light output, longer lamp life and add even better resistance to damage from vibration and impacts. Corrosion resistant stainless steel latches secure the lamp cover to the housing and provide a firm lock against the poured in seal to prevent drips and water intrusion.
This fixture is 844 rated and Class 1 Division II, Groups A, B, C, D approved. The HALSS-24-2L-LED-HBL also carries 1598A and 595 outdoor marine ratings and meets US Coast Guard specifications.



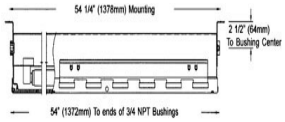
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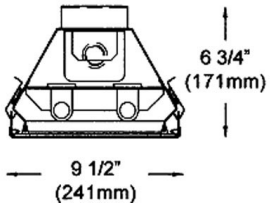


Click Photo to Enlarge



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This fixture is designed for heavy duty use in applications where intense vibration and corrosive environments may be encountered. Stainless steel construction, high impact acrylic lamp covers, and a Class 1 Division 2 ETL rating make this light ideal for hazardous areas that require illumination with above average dependability.
We have eliminated the ballast normally associated with fluorescent fixtures which reduces overall weight, increases lamp life to an extreme 50,000 hours and helps this LED fixture maintain a T4C temperature rating. The solid state design of the included LED lamps give this fixture superior resistance to damage from vibrations and extremes in temperature as well as a lamp service life over twice that of standard T8 bulbs. The 24 watt LED lamps produce more illumination than standard T8 bulbs, but draw only 3/4 of the current. The current generation of Larson Electronics LED T-series style bulbs produce 15% more light than T8 bulbs. This fixture is multi-voltage capable (not multi-tap) and works on the following voltages: 120 Volt 60 HZ, 220 Volt 50 HZ, 240 Volt 60 HZ, 277 Volts 60 HZ. We also make a 12-24V DC version for low voltage applications.
Standard Flange Brackets: Stainless steel bracket mounts attached at each end of the fixture enables it to be simply secured to any surface. The mounts provide flexibility in setting the angle of the fixture. Three through holes provide sufficient mounting for any environment.
Suggested Applications: The HALSS-24-2L-LED-HBL is designed for marine wet and damp locations, where corrosion resistant fluorescent lights are required. This lamp is also ideal for locations where heavy vibratory conditions are present. This includes petrochemical facilities, lubrication pits, oil drilling rigs, crew quarters, solvent/cleaning areas, water treatment areas, processing plants and marine loading docks.

Made in USA Quality

1. Each unit dialectically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost. Flange type stainless steel

Superior LED Benefits

1. 50,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives,

mounts attached at each end of the fixture enables it to be simply secured to any surface.
3. Fixture housing constructed of 14 gauge stainless steel..
4. Relamping done via stainless steel snap locking latches which allow the operator to remove the door and access the lamps.
5. Lamp cover-diffuser constructed of high impact acrylic for corrosion resistance and lamp protection.
6. 1/2 inch, threaded access hole for wiring conduit.

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.

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Frequently Asked Questions (FAQ)



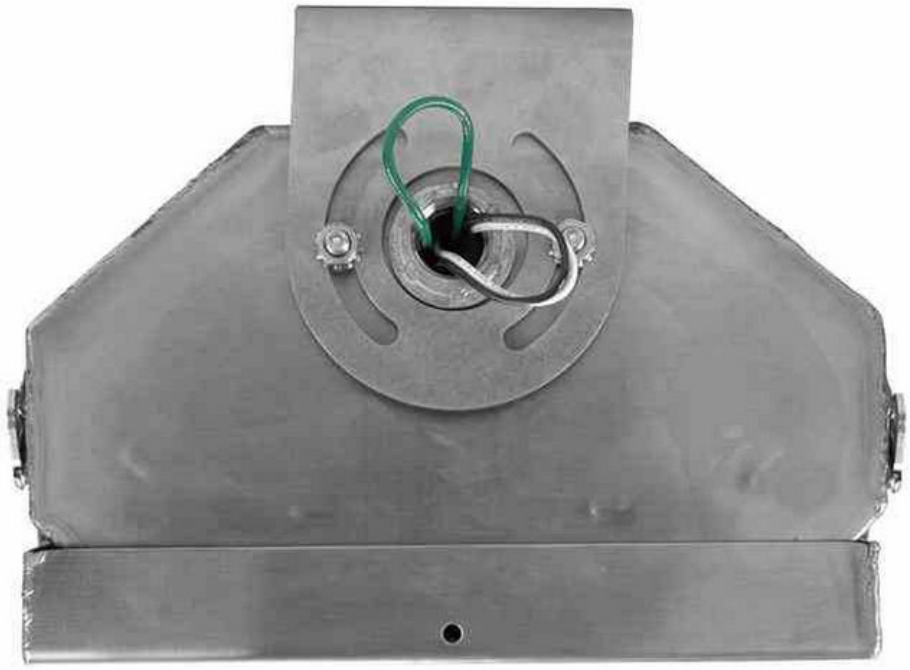
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HALSS-24-2L-LED-HBL

Product ID: 71099

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

HALSS-24-2L-LED-HBL-Voltage

Example: HALSS-24-2L-LED-HBL-1227VAC

Voltage	
120-277V AC	-1227VAC
12-24V DC	-1224VDC

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**