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HALS-48-4L-LED-6C-GAP

Hazardous Area LED Light -C1D2/C2D2 Groups F,G - (4) 4' LED Lamps - 6' 16/3 SOOW Cord w/ Cord Cap

Product ID: 222219

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.

HALS-48-4L-LED-6C-GAP Hazardous Area LED Light
NRTL Listed for United States & Canada
Dimensions: 15" x 49 3/4 " x 6 1/8 "

Weight: 33 lbs

Total Watts: 112W (28 Watts per Lamp)
Voltage: Universal 120-277V AC 50/60Hz

Total Lumens: 14,000 (3,500 per Lamp)

Lamp Life Expectancy: 50,000 Hours
Luminous Efficacy: 125 Lumens per Watt
Operating Temp Range: T4A Rated, -30°C to 85°C
Beam Angle: N/A
Color Temp: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K or 2700K

Mounting: Bracket Standard - Pendant/Cable Mount Optional

Wiring: 6` 16/3 SOOW Cord w/ Cord Cap

Cord Cap Options: 5-15 Straight, 6-15 Straight, L5-15 Twist, L6-15 Twist. UK BS1363, Intl. Schuko, L7-15A, L7-20A or Pigtail

Ratings
Class I, Division 2 Groups A,B,C,D
Class II, Division 2 Groups F,G
NRTL Certified to UL 595 Outdoor Marine Type (Saltwater)
NRTL Certified to UL 1598A Marine Type
California Title 24 Compliant

Special Orders - Special Requirements
Contact us for special requirements
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Made in Texas

The Larson Electronics HALS-48-4L-LED-6C-GAP Hazardous Area LED Light Fixture is Class 1 Division 2 Groups A, B, C and D, NRTL Certified to UL 1598A listed, has a T4A temperature rating and is ideal for open air hazardous locations where flammable chemical/petrochemical vapors

may be occasionally encountered. Compatible with 120-277V AC, this unit comes with 6 feet of 16/3 SOOW cord and a general area cord cap.
******PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE******
The HALS-48-4L-LED-6C-GAP light fixture is a 4 foot long, 4 lamp, Class 1 Division 2 Groups A, B, C and D hazardous area fluorescent style LED light and a good choice for use in hazardous areas requiring maximum illumination. This fixture is T4A temperature rated, comes standard with four 28 watt LED bulbs. This unit comes with the following color options: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K or 2700K.
The lamps, which offer 14,000 lumens of output, are protected by an aluminum framed hinged glass door secured with four turn latches and the fixture is constructed of copper free aluminum alloy. The lamp reflector is corrosion resistant heavy gauge aluminum and coated with a high gloss reflective finish. This fixture is multi-voltage capable and is NRTL Certified to UL 595 and UL 1598A Marine Type approved for use marine environments. The HALS-48-4L-LED-6C-GAP provides operators in hazardous locations with a powerful, reliable and affordable lighting solution for open areas where flammable chemicals and vapors may occasionally be present.
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.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring/Plug: This LED lamp is equipped with 6 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15

amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V, NEMA L7-15A 15 amp plug for 277V outlets (not pictured) or NEMA L7-20A 20 amp plug for 277V outlets (not pictured).

Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

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 (-LV suffix).

Standard Surface Mount Brackets: Each surface mounting bracket is attached on each end of the light and allows the operator to adjust the angle of the entire fixture. Pendant and cable mounting options are also available for operators who wish to mount these fixtures away from the ceiling surface.

Suggested Applications: Offshore rigs, sewage and wastewater treatment plants, coal plants, gas facilities, paper mills, grain facilities, pumping stations, food processing and more.

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.

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Frequently Asked Questions (FAQ)

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HALS-48-4L-LED-6C-GAP
Product ID: 222219

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

Options:
HALS-48-4L-LED-6C-GAP-Mount-Color Temp-Cord Cap
Example: HALS-48-4L-LED-6C-GAP-SFC-56K-5.15

Mount	
SURFACE	-SFC
PENDANT	-PND
CABLE	-CAB

Color Temp	
5600K	-56K
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
3000K	-30K
2700K	-27K

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL. SCHUKO	-Schuko
L7-15A	-L7.15
L7-20A	-L7.20
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**