Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

HALSC-48-4L

Hazardous Location Fluorescent Lights on Cart with Wheels - 4ft 4-Lamp - 50ft Cord

Product ID: 144304

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.

HALSC-48-4L Explosion Proof

Listing: United States - Canada

Dimensions: W-24" L-58" H-25.5"

Total Unit Weight: 180 Lbs

Total Watts: 212 watts*

Voltage: Multi- 120V-60hz 220V-50hz 240V-60hz 277V-60hz:

Total Lumens: STD-T5-HO Bulbs 20,000

Lamp Life Expectancy: STD-T5-HO Bulbs 20,000 Hours

Efficiency: STD-T5-HO Bulbs 92 Lumens per Watt

Operating Temp Range: T6 Rated* -30 C to 70C

Minimum Operating Temp: -30 C

Maximum Case Temp: 90 C

Beam Angle: N/A

Color Temp: 5000K

Mounting: Portable Cart with Adjustable Brackets

Wiring: 50` 16/3 SOOW Cord

Cord Cap: 5-15P, 5-20P, or 6-20P

***Substitution of included standard bulbs for optional lamps may affect paint spray booth approval.**
***Wattage totals are lamps only and may vary with different lamps.**

Ratings/Approvals

Listed for United States and Canada

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

Class II Division 2, Groups F,G

Certified to UL 844, UL 159

Certified to CSA C22.0 No 137.0, No 250.0

T3C Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

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PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS LIGHT CART

The Larson Electronics HALSC-48-4L Hazardous Location Fluorescent Light Cart is U.S./Canada approved Class I Division 2 and offers exceptional lighting versatility and convenience with effective protection to operators working in hazardous locations.

The HALSC-48-4L hazardous location light cart is listed Class I Division 2 and offers the ability to quickly and easily add light wherever it is needed without the need for special considerations of hazardous conditions beyond adhering to the normal rules of ratings and classifications. This unit incorporates the highly effective Larson Electronics HALS-48-4L hazardous location fixture equipped with four T5HO or T8 fluorescent lamps into a mobile platform. The platform is constructed of corrosion resistant aluminum alloy, has non sparking casters, and includes a Class I Div I Explosion Proof Switch with 50 foot of SOOW electric cable terminated in an explosion proof plug.

This hazardous location light cart offers an excellent lighting solution for operators who need full power illumination in areas where traditional fixed mount lighting is obstructed or cannot effectively reach.

This light is also available with LED bulbs instead of fluorescent bulbs.

The light fixture used in the HALSC-48-4L is T4 rated and produces 20,000 lumens of light using four, T5HO fluorescent bulbs. The lamps 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 reflectors are corrosion resistant heavy gauge aluminum and coated with a high gloss reflective finish. This fixture is universal voltage capable and the fixture is approved for Class I Division 2 and Class II, Division 2. The cart allows the entire fixture to be adjusted through a wide degree of rotation to position the lights as needed. The standard lamps included with this cart are F54-T5/850/HO; F32-T8 lamps are available upon request.

The light fixture used in this cart is compatible with the usual options associated with the HALS-48-4L fixture including optional LED tube lamps and higher power fluorescent tubes. For special requirements or options not listed here contact us using the information below.

Suggested Applications: Paint spray booths, Aircraft maintenance, Oil drilling rigs, Refineries, Solvent and cleaning areas, Gas processing plants, Chemical manufacturing, Waste treatment plants, Gas processing plants.

Made in USA Quality

1. Each unit dialectically tested.
2. Fixture arrives assembled and lamped to reduce installation time and cost. Adjustable mounting brackets allow the light fixture to be rotated while on the cart through a wide degree of positions for optimal light placement.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Over-sized, finned ballast housing for 800 mA fixtures provides more heat dissipation and extends ballast life. Larger ballast box accommodates High Output lamp ballasts. Ballast housing easily accessible and externally mounted. Top and bottom covers secured with nuts and bolts, instead of threaded through holes, which can be damaged with dirt.
5. Heavy gauge extruded aluminum reflectors with high gloss reflective finish. Resists dents and corrosion.

Lamp Options - Cart Features

F54-T5/850/HO – 54 watt, 5000 lumens per bulb, 20,000 hours life, 5000 Kelvin color (Suffix –T5)
F32-T8/841: (Optional) – 32 watt, 2950 lumens per bulb, 24,000 hours life, 4100 Kelvin color (Suffix –T8)

Other Lamps/Options: This unit uses our popular EPL explosion proof fixture which is compatible with several optional lamps and explosion proof accessories. Please see our related products categories below for more information. Larson Electronics can customize equipment according to needs. Please contact us for special requirements.

Cart Features:
8” non sparking casters
Frame constructed of corrosion resistant aluminum
Adjustable fixture brackets
50 foot of SOOW electric cable
Class I, Div. I Explosion Proof Switch

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Frequently Asked Questions (FAQ)





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HALSC-48-4L

Product ID: 144304

Export Control Classification Number (ECCN): EAR99

Options:

HALSC-48-4L-Cord Cap-Lamp Type

Example: HALSC-48-4L-1523-41KT5HO

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-20P	-2023-250V

Lamp Type	
41OOK-T5HO	-41KT5HO
5000K-T5HO	-50KT5HO
T8	-T8
T12HO	-T12HO

Links (Click on the below items to view):

- **MSDS (Material Safety Data Sheet**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**