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HAL-TL-5X10W-C

50 Watt Class 1, Division 2 LED Traffic Light - 5 Lamps - Strobe or Steady

Product ID: 70392

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.

HAL-TL-5X10W-C
Lamp Type: LED
Colors: Red, Green, Blue, Amber, White; or Red, Blue, Green, Amber, White; or Red, Amber, Green, Blue, White
Watts: 10 Watts Per Lamp - 50w Total
Voltage: 120 - 240 VAC 60hz, 12V DC or 24V DC
Lighting Configuration: Strobe light or Steady Burn
Mounting: Ceiling, Wall, Flat Surface
Temp Rating: T2D
Wiring: Hard Wired, Individual leads Terminated in Junction Box
Lamp Life: 50,000+ Hours
Mounting: PredrilledAluminum Base

Ratings
United States & Canada
NRTL Listed to CSA 22.2-137
Class 1,Division 2 Groups A,B,C,D
UL 844: Class1 Division 2 Hazardous Location
UL 595: Outside Marine
UL 1570/1571: Wet Locations
NEMA 4X
-29C to 40C (-29F to 104F) Op Temp
CSA Approved
USCG Accepted
New York City Department of Buildings Approved
Material meets UL 94-V-0 standards for flame retardancy

Special Orders - Special Requirements
Contact us for special requirements

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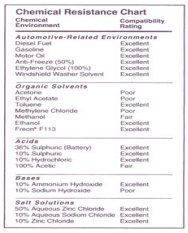
Made in the USA

The HAL-TL-5X10W-C Class 1, Division 2 Chemical Resistant LED Traffic Light from

Larson Electronics is chemical resistant and approved for use in wet locations and marine environments. This waterproof LED equipped light is designed for use in industrial refueling stations and areas where trucks and equipment pick up or deposit hazardous materials.

The powerful and durable HAL-TL-5X10W-C explosion proof LED light from Larson Electronics is an ideal indicator lighting solution for for industrial refueling stations and areas where trucks and equipment pick up or deposit hazardous materials. The housing is waterproof, constructed of corrosion and chemical resistant GE Lexan polycarbonate with Pyrex globes, USCG accepted, and NEMA 4X compliant and suitable for hose-down areas. This LED traffic lamp has a 50,000 hour operational life and is available in 120-240V AC, 12V DC and 24V DC configurations for high or low voltage operation.


Chemical Resistance Chart

Chemical Environment	Compatibility Rating
Automotive-Related Environments	
Diesel Fuel	Excellent
Gasoline	Excellent
Motor Oil	Excellent
Anti-Freeze (50%)	Excellent
Brake Fluid (100%)	Excellent
Windshield Washer Solvent	Excellent
Organic Solvents	
Acetone	Poor
Ethyl Acetate	Poor
Toluene	Excellent
Methylene Chloride	Poor
Methanol	Fair
Ethanol	Excellent
Freon® F113	Excellent
Acids	
36% Sulphuric (Battery)	Excellent
10% Sulphuric	Excellent
10% Hydrochloric	Excellent
100% Acetic	Fair
Bases	
10% Ammonium Hydroxide	Excellent
10% Sodium Hydroxide	Poor
Salt Solutions	
50% Aqueous Zinc Chloride	Excellent
10% Aqueous Sodium Chloride	Excellent
10% Zinc Chloride	Excellent

Click Here to Enlarge

This hazardous area LED light carries a T2D temperature rating and has a -29C to 40C (-29F to 104F) operating temp range. The HAL-TL-3X10W-C is Class 1, Division 2 approved, carries UL 1570/1571 and UL 595 compliance, and is waterproof and suitable for spray down areas and marine locations. This unit is hard wired, with a conduit brought to each fixture separately. Each lamp has a separate lead terminated in a junction box for individual control when hard hired, making this unit ideal for fuel depots where stop and go indicators are necessary. This LED light carries UL and CSA certification, USCG acceptance, NTRL Listing for wet locations in any orientation, UL595 approval for marine environments, and NEMA 4X compliance for hose down areas.

This explosion proof fixture is configured for one red, blue, green, amber, and white outputs in a strobe or steady burn configuration and offers exceptional lumen output, a 50,000+ hour life span, and the lamps are protected by Pyrex globes and polycarboate globe guards. The LED lamps in this traffic light are 10 watts each and offer cool operation and clean bright output that surpasses that of 100 watt incandescent indicator lamps. The HAL-TL-5X10W-C is designed for resistance to the damaging and corrosive effects of chemicals with polycarbonate construction instead of metal, and is ideal for locations where these hazardous compounds are commonly encountered. Mounting is provided by a heavy gauge aluminum base with four predrilled holes designed to be bolted to walls and flat surfaces for permanent and secure attachment.

Note on Lights: Please note, the color choices and light configuration of this unit can be customized to your requirements. We offer steady burn or strobing LED lamps, as well as high or low voltage configurations. Please contact us for special color configurations.

Voltages: 120-240VAC 50/60Hz, 12V DC or 24V DC.

Temp Code: Class 1 T2D 215°C° C (Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.)

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Frequently Asked Questions (FAQ)









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HAL-TL-5X10W-C

Product ID: 70392

Export Control Classification Number (ECCN): EAR99

Options:

HAL-TL-5X10W-C-Voltage-Lamp-Color

Example: HAL-TL-5X10W-C-1227VAC-STB-RGBAW

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

Lamp	
STEADY BURN	-STB
STROBE	-STROBE

Color	
RED/GRN/BLU/ AMB/WHT	-RGBAW
RED/BLU/GRN/ AMB/WHT	-RBGAW
RED/AMB/GRN/ BLU/WHT	-RAGBW

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**