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HAL-TRN-400-220V-50HZ

400 Watt Flood Light - Class I Division 2 Groups A, B, C, D - Wet Area - 220V - 50Hz

Product ID: 152506

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-TRN-400-220V-50HZ

Lamp Type: Metal Halide
Dimensions: 17"W x 7"D x 20-3/4"H w/Yoke Mount
Watts: 400
Lumens Per Watt: 100-115 Approx
Voltage: 220V-50Hz, 230V-50Hz or 240V-50Hz
Lighting Configuration: Flood Pattern
Mounting: Slip Fit Pole Mount or Zinc Trunnion
Weight: 29.7 lbs
U.L. Listing: Wet Area Approved
Total Lumens: Approx 45,000
Wiring: 3/4 inch Threaded NPT Conduit Entrance

Approvals/Ratings

Class I Division 2 Groups A, B, C & D
UL Standard 1598 (supersedes UL Standard 57)
UL Standard 844
Class I Div. 2 UL Standard 1598A
Max OP Temp 325°C (T1 NEC ID Number)
Operating Temperature 325°C (T1)
Bulb NOT Included

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The HAL-TRN-400-220V-50HZ from Larson Electronics is a Metal Halide Hazardous Area Light that produces exceptional illumination from a 400 watt metal halide lamp. Constructed of die cast aluminum and U.L. listed for wet areas, this metal halide fixture is a versatile and ideal hazardous area lighting solution for areas where wet or damp environments may be encountered.

The durable HAL-TRN-400-220V-50HZ metal halide light fixture is suitable for use in wet outdoor environments, making it an ideal lighting solution for industrial applications, boat docks, building exteriors and outdoor work areas. The lamp housing is weather resistant and constructed of pressure cast copper free aluminum with an architectural bronze Polyester finish. The lens door is pressure-cast copper-free aluminum, and secured with 1/4" diameter captive stainless steel slotted hex-head bolts. This unit features an integral multi- tap ballast with a choice of of 120V, 208V, 240V, or 277V connections. Also available is an optional and separate 480V configuration which requires a different ballast. Choose voltage options when ordering.

The optical assembly includes thermal shock and impact resistant door glass with a pressure-cast copper-free aluminum door frame and heavy duty, high temperature silicone rubber seal. The lamp socket is a specification grade mogul base porcelain unit with heavy gauge brass, a nickel-plated, double lamp-grip screw shell and spring-loaded center contact. The reflectors are a double segment compound parabolic design with Alzak® finish for maximum efficiency.

Mounting: Mounting choices include a yoke mount or poletop mount. The yoke mount is constructed from zinc plated steel with an architectural bronze polyester finish. The poletop mount has a built-in slip-fitter for internal wiring, is adjustable laterally and verticall, fits on 2" or 2.5" diameter pipe and has an architectural bronze finish.

This hazardous area light is rated U.L. standard 844 and 1598 compliant, approved Class I Division 2, Groups A, B, C & D, and functionable in an environment of up to 180°C. This lamp is suitable for use in areas were flammable gases and vapors are present occasionally.

Voltage: The HAL-TRN-400-220V-50HZ is available in several voltage configurations including 220V-50Hz, 230V-50Hz or 240V-50Hz. Please make your selection below when ordering.

This 400 watt metal halide light is highly durable, produces approximately 45,000 lumens in a wide flood pattern, and can operate in ambient temperatures to 180 degrees C and will not produce temperatures greater than 325 degrees C. All hardware on this unit is resistant to rain, snow, salt water and corrosive chemicals. The heavy duty design and attractive finish of this fixture makes it a popular choice for outdoor applications regardless of whether the locations are designated hazardous or not.

LAMPS: Use only lamps specified on nameplate. Bulb not included with fixture. Observe lamp manufacturer’s recommendations and restrictions on lamp operation, particularly ballast type, burning position, etc.

Click Here for Notes on Wiring this Light

Make all electrical connections in accordance with the National Electrical Code and any applicable local code requirements. Verify that supply voltage is correct by comparing it to nameplate. Three-conductor No. 14 cable (with 90° C minimum insulation) is recommended for making electrical connections. Wiring is accomplished through the wiring box provided on the fixture. The box is provided with a size 3/4-in. NPT threaded conduit opening. Wiring methods must comply with NFPA 70 (The National Electrical Code), Article 501 for Class I, Division 2 Hazardous (Classified) Locations. To get inside the unit, open the door, loosen the (2) screws holding the reflector and remove the reflector. Verify the correct supply voltage and lamp wattage. Bulb not included.

Please Note: This fixture does not include bulb. Please see related items for replacement lamp.

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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HAL-TRN-400-220V-50HZ

Product ID: 152506

Export Control Classification Number (ECCN): EAR99

Options:

HAL-TRN-400-220V-50HZ-Lamp Type-Mount

Example: HAL-TRN-400-220V-50HZ-MH-SLPFTR

Lamp Type	
METAL HALIDE	-MH
HIGH PRESSURE SODIUM	-HPS

Mount	
SLIPFITTER	-SLPFTR
TRUNNION	-TRN

Links (Click on the below items to view):

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