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

HALD-LL-ITG-1X4-LED-D-R3

62W Hazardous Location Integrated Low Profile Paint Spray Booth LED Light - Class I, II/D2 - 6330 lms/Dimmable - Powder Coated Steel, White - 2RW

Product ID: 274978

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.

HALD-LL-ITG-1X4-LED-D-R3 HAZLOC Panel Mount Light
Listing: NRTL Listed for United States and Canada
Lamp Technology: Dimmable LED
Fixture Dimensions: 50" x 14.31" x 2.13"
Flange Dimensions: 51.9" x 18.06" x 2.13"
Weight: 68 lbs
Voltage: 120-277V AC, 50/60Hz
Total Watts: 62W
Lumens: 6,330 lms (5000K), 6,270 lms (4000K), 6,140 lms (3000K)
Luminous Efficacy: -
Lamp Life: 60,000+ Hours
Color Temp: 3000K, 4000K, 5000K
Color Rendering Index: >80 CRI
Beam Angle: -
Lighting Configuration: Flood Pattern
Lamp Configuration: 2 Row, Wide
Power Factor: -
Dimming Protocol: 0-10V
Surge Protection: 10kV
Amps: 0.51A @ 120V, 0.25A @ 240V, 0.22A @ 277V
Ambient Operating Temp Range: -25°C to 55°C

Ratings/Approvals
Class I, Division 2, Groups A,B,C,D
Class II, Division 2, Groups F,G
NRTL Certified to UL 844
NRTL Certified to C22.2 No. 137
NRTL Certified to C22.2 No. 250
T6 Temperature Rating
Paint Spray Booth Listed
Recessed Panel Mounting

Operating Temp Rating: T6

Housing Material: 20G Steel

Housing Finish: Powder Coated White
Lens Material: Diffused Acrylic

Gasket Material: Silicone-free

Mounting: Recessed Panel Mounting - 1x4 Grid

Wiring: -

Wiring Hub Size: 1/2" NPT

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics HALD-LL-ITG-1X4-LED-D-R3 Hazardous Location Integrated Low Profile Paint Spray Booth LED Light is designed to provide operators with a powerful and energy efficient alternative to traditional hazardous location luminaries. This 62-watt fixture provides 6,330 lumens of output (5000K color temperature model) and 0-10V dimmable operation. Equipped with 10 kV surge protection, the LED light is protected by a powder coated white steel housing and offers compatibility with recessed panel mounting installations.

******PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE******

The HALD-LL-ITG-1X4-LED-D-R3 is ideal for use in paint spray booths and hazardous environments where space for lighting fixtures is limited. This fixture is T6 temperature rated and is a fully integrated LED unit. The 62-watt LED assembly delivers 6,330 lumens of output with >80 CRI (5000K color temperature model - 3000K and 4000K options are available). Equipped with a 2 row wide configuration, a flood beam pattern ensures wide light distribution in busy work areas. This front-access hazardous location LED light is 0-10V dimmable. During use, the LED fixture offers 10kV surge protection. Light weight and a low profile makes this unit an attractive alternative to larger or heavier, older fixtures and requires less hardware to install.

This LED light is protected by a 20 gauge steel housing with a powder coated white finish for durability in rugged work sites. Listed for paint spray booth applications, the LED fixture has a diffused acrylic lens and silicone-free gaskets. The low profile fixture is Class I and II, Division 2 rated. This unit can withstand up to 71°C bake cycle for 90 minutes with fixture power interlock off.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Voltage: The HALD-LL-ITG-1X4-LED-D-R3 operates on universal 120-277V AC, 50/60 Hz.

Wiring/Hubs: Operators may access 1/2" NPT hubs for completing wiring connections.

Mount: This fixture is designed for recessed panel mounting and requires a mounting hole to be made in booth panels capable of accommodating the fixture housing. This step provides the maximum amount of space in paint spray booths.

Applications: Paint Booth, Powder Booth, Blast Booth, Clean Room, Prep Sanding, Pharmaceuticals, Laboratories 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.

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

Frequently Asked Questions (FAQ)

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

HALD-LL-ITG-1X4-LED-D-R3

Product ID: 274978

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HALD-LL-ITG-1X4-LED-D-R3-Color Temp

Example: HALD-LL-ITG-1X4-LED-D-R3-50K

Color Temp	
5000K	-50K
4000K	-40K
3000K	-30K

Links (Click on the below items to view):

- **HigResPic1**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**