Larson Electronics LLC
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Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).

ATEX-HAL-32-60W-ITG-LED-10C-ILS HAZLOC LED Light Fixture - ATEX/IECEx

Listing: NRTL Listed for United States, Canada and International
Lamp Technology: LED
Dimensions: 5.76"W x 32.6"L x 3.92"H
Weight: 18.9 lbs
Voltage: Universal 120-277V AC 50/60 Hz, 12V DC, or 24V DC
Total Watts: 60 watts
Total Lumens: 7,709 (clear lens) 7,064 (frosted lens)
LED Lamp Life Expectancy: 60,000+ Hours
Luminous Efficacy: 128.48 Lumens per Watt
Color Temp: 5000K
Color Rendering Index: >70
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 160°
Lighting Configuration: -
Power Efficiency: -
Power Factor: -

Light Control: On/off Inline Switch - Feed Thru

Inline Switch: 2HP, 20A 2-pole
Ambient Operating Temp Range: -30°C to +60°C
Operating Temp Rating: T6 Rated
Minimum Operating Temp: -30°C
Maximum Case Temp: +65°C
Housing Material: Copper Free Extruded Aluminum (Lamp), Non-Metallic Glass Reinforced Impact Resistant Antistatic (Switch)
Lens Material: Impact Resistant Polycarbonate
Lens Options: Clear or Frosted
Gasket Material: Temperature Rated Silicone

Mounting: Slot, Swivel, Wall or Ceiling Brackets, Beam Clamps

Wiring Hub: 1/2" or 3/4" NPT

Switch Cord: 10' 16/3 SOOW Cord between Light and Switch

Ratings/Approvals

LED Fixture Certifications
Class I, Division 2 Groups A, B, C & D
Class I, Zone 2 Groups IIC, IIB & IIA
Class II, Divisions 1 & 2, Groups E, F & G
NRTL Certified to UL 844 for Hazardous Locations
NRTL Certified to UL 1598(A) Marine Type (Saltwater)
NRTL Certified to UL 8750 for LED Lighting
NRTL Certified to CSA C22.2 No. 137-M1981
NRTL Certified to IEC Certified for Zone 2 & Zone 21
AEx nAII, Ex nAII
Ex nA IIC T6 to T3, Gc
Ex tb IIC T95°C Db
Tamb -50°C = Tz = +65°C
ABS Approved
IP66 Waterproof
NEMA 3, 4X
Approved for Confined Spaces
No Glass - Group G - Food Suitable

Inline Switch Certifications
Class I, Division 2, Groups A, B, C, D
Class I, Zone 1, AEx de IIC T4/T5/T6 Gb
Class II, Division 2, Groups E, F, G
Class II, Zone 2, Aex tb IIIC T4/T5/T6 Db IP66

Class III, Divisions 1 & 2

II 2 G Ex de IIC T4/T5/T6 Gb
II 2 D Ex tb IIIC T4/T5/T6 Db IP66
NEMA 3, 4, 4X, 12, 13

*All equipment is listed for ATEX/IECEx

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics ATEX-HAL-32-60W-ITG-LED-10C-ILS 60 Watt Explosion Proof Low Profile Linear LED Light has a T6 temperature rating and is suitable for ATEX/IECEx rated facilities. This durable and long-lasting explosion proof LED light is designed for installation in locations where flammable vapors and gases and combustible dusts and fibers exist or have the potential to exist. The LED light features a non-metallic inline on/off switch, which can be used to control the unit.

The Larson Electronics ATEX-HAL-32-60W-ITG-LED-10C-ILS 60 Watt Explosion Proof Linear LED Light generates almost double the lumens of a standard fluorescent fixture and provides crisp white light and high chromaticity for excellent color rendering but uses significantly less energy and produces less heat than fluorescent lighting. Measuring only 3.92" tall and 2.72` long and weighing less than 20 lbs, this extremely low profile 60 watt LED fixture delivers 7,709 lumens (with clear lens) while drawing only 0.5 amps on 120 volts (though it is compatible with all 120-277V AC 50/60Hz). We also offer a low voltage model that operates on 12V or 24V DC.

This LED light comes with a 2-pole, 2HP inline on/off switch in a feed-thru configuration for controlling the light. This ATEX/IECEx rated switch is protected by a non-metallic glass reinforced impact resistant antistatic housing. Operators may access 10' of 16/3 SOOW cord between the LED lamp and switch. The ATEX-HAL-32-60W-ITG-LED-10C-ILS produces both more light output and superior quality light than traditional fluorescent lighting fixtures while at the same time offering substantially reduced energy use and increased reliability, longevity, and safety.

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.

The 60 watt LED is protected by a single impact and vibration resistant polycarbonate lens with either a frosted finish to reduce glare or a clear finish to maximize light output and the LED assembly is housed within a low profile one piece copper-free extruded aluminum body designed to withstand hazardous and harsh conditions. A one wiring access plate makes for easy access to driver lead, and high temperature rated silicone gasketing between the lens and the housing provides NEMA 4X and IP66 sealing. Both the housing and the external screws are constructed to resist moisture, corrosion, ingress of dust and particles as well as being vibration and weather resistant. In addition to the rugged lens and body, the ATEX-HAL-32-60W-ITG-LED-10C-ILS comes equipped with supplemental 20kA/10kA surge protection.

Mounting: The ATEX-HAL-32-60W-ITG-LED-10C-ILS is designed to accommodate a variety of mounting options include swivel brackets, wall and ceiling brackets, or beam clamps. The slot back design of the lamp allows multiple mounting access points across the length of the lamp. These slots can be used with 5/16" or 8mm bolts and nuts, three housing slots, one center back, and two at 45°. The end caps of the fixture each have two mounting feet built in, plus a safety strap attachment point. Additionally, each end cap features a choice of a 1/2" or 3/4" NPT hub, and the fixture comes furnished with one 3/4" close-up plug.

The Larson Electronics ATEX-HAL-32-60W-ITG-LED-10C-ILS 60 Watt Explosion

Proof Linear LED Low Profile Light is a tough, durable, and low to no maintenance alternative to traditional fluorescent lighting. Its versatile power and mounting options, extreme longevity, low energy consumption, high light output, ultra low profile, and rugged lens and body design make it ideal for a variety of applications including, but not limited to: both land based oil rigs and offshore oil platforms, chemical and petrochemical processing facilities, sewage treatment plants, garages, storage facilities, tunnels, and grain/food facilities. In addition, the ATEX-HAL-32-60W-ITG-LED-10C-ILS carries ABS type approval for marine applications including use on decks, vessels, platforms, barges, ships, boats, and is suitable for dock and marina operations.

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.

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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Options:

-Voltage-Diffusion-Hub Config

Example: -1227-CLR-0.5IN

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

Diffusion	
CLEAR	-CLR
FROSTED	-FRST

Hub Config	
1/2 IN	-0.5IN
3/4 IN	-0.75IN

Links (Click on the below items to view):

- ISO 9001 Certification

- Business Certificate