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HAL-EMG-KNL-26W-LED

26W Explosion Proof Emergency Floodlight - C1D2 - 2901 Lumens - 120-277VAC - Aluminum Housing - IP66

Product ID: 149273

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-EMG-KNL-26W-LED Explosion Proof Emergency LED Floodlight

Lamp Type: LED
Dimensions: 11"W x 10"H x 7.5" Depth
Weight: 20 lbs
Voltage: 120-277V AC 50/60 Hz
Watts: 26W
Lumens: 2,901
Luminous Efficacy: 111.6 Lm/W
Color Temperature: 5000K
Color Rendering Index: 65 CRI
Power Factor: 0.994 (99.4%)
LED Life Expectancy: 100,000 Hours
Lighting Configuration: NEMA 7H x 6V
Operating Temperature: 135°C
Ambient Operating Temp Range: -40°C to +40°C
Emergency Runtime: 90 Minutes
Emergency Lumens: 2,901
Waterproof Rating: IP66
Housing Material: Die Cast Aluminum
Housing Color: Grey
Finish: Powder Coated
Lens Material: Polycarbonate
Mounting: Die-Cast Aluminum Mounting Arm w/ O-Ring Gasket & Stainless Steel Screw

Ratings/Approvals

Class I, Division 2, Groups A, B, C & D
UL 844
UL 1598
UL 8750
IP66 Waterproof
100,000 Hour LED Life Expectancy
Shock and Vibration Resistant
Remote Mounted Emergency Battery Backup
90 Minute Emergency Runtime
Made in the USA

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Led Driver Specs
Type: Constant Current
Amps: 0.24A @ 120V, 0.11A @ 277V
Input Watts: 41W
Surge Protection: 4 kV
Efficiency: 97%

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The HAL-EMG-KNL-26W-LED from Larson Electronics is an Explosion Proof Emergency LED Floodlight that is rated for Class I Division 2 Groups A, B, C & D hazardous environments and boasts a 100,000 hour lamp life expectancy. The HAL-EMG-KNL-26W-LED produces 2,901 lumens while drawing only 26 watts and operating on 120-277V AC current. This IP66 rated waterproof LED floodlight is ideal for C1D2 hazardous areas that require a powerful spread of high-intensity light and is suitable for both indoor and outdoor use including wet areas and ground mounting. This LED floodlight is equivalent to hot running 75W metal halide floodlights and makes an ideal and money saving replacement or alternative. This unit features a remote mount battery backup for emergency operation.

The HAL-EMG-KNL-26W-LED explosion proof emergency LED floodlight features rugged and durable construction to allow it to stand up to harsh conditions and abusive environments. The die-cast aluminum housing is powder coated for further durability and corrosion resistance while the polycarbonate lens and silicone gaskets provide further degrees of protection and durability. The HAL-EMG-KNL-26W-LED weighs 12.5 pounds and features a 1/2" threaded die-cast aluminum mounting arm.

This emergency LED light works, mounts and is wired like our HAL-EMG-KNL-26W LED light fixture. The main difference is that we add a remote mounted battery backup unit that adds emergency light functionality to the fixture. This emergency LED light will run at the standard UL suggested 90 minutes after power is lost at the full lumen output of 2,901 lumens. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency battery backup that is automatically recharged and kept in a ready state.

The HAL-EMG-KNL-26W-LED C1D2 hazardous area LED floodlight projects the high-intensity LED light it produces in a NEMA 7H x 6V configuration. This means that the produced beam of light is wide in a vertical sense and very wide horizontally. To be more precise, the HAL-EMG-KNL-26W-LED has a vertical beam spread of 119° and a horizontal beam spread of 130°. These beam spreads are more than enough to cover a large area that requires illumination. The light produced by this LED floodlight has a 5000K color temperature and a color rendering index of 67.

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.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units contain external fins that provide superior heat sinking to the unit. This heat sink technology helps to preserve the life of the LEDs used in the HAL-EMG-KNL-26W-LED and contribute to the 100,000 hour rated

service life of the unit.
Mounting: The HAL-EMG-KNL-26W-LED is equipped with a heavy duty die-cast aluminum mounting arm. The 1/2" threaded mounting arm comes with an O-ring seal and a stainless steel screw for secure and easy mounting and installation. This explosion proof floodlight can be mounted indoors or outdoors and is also suitable for wet areas and ground mounting as well as the Class I, Division 2, Groups A, B, C, & D hazardous areas for which it is rated.
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)

HAL-EMG-KNL-26W-LED

Product ID: 149273

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **IES (Photometric File)**
- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**