Larson Electronics LLC
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Product ID: 45341

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



Image:

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.

LED-A19-10-E26-SML 9 Watt Small Form LED Bulb
Lamp Type: LED - A19
Watts: 10
Lumens: 890
Dimensions: 4.41"LL x 2.36"Diameter (60x112mm)
Voltage: 100-277V AC, 50/60Hz
Luminous Efficacy: 89 Lm/W
Beam Angle: 300°
Power Factor: 0.9
Base: E26
Weight: 0.10 lb (45g
Color: White - 5600K, 5000K, 4500K, 4000K, 3500K, 3000K, or 2700K
CRI: 82 (White)
Dimmable: NO
Operating Temp: -20°C to +85°C
Materials: Aluminum Housing - Polycarbonate Lens

Features
UL Listed
25,000 Hour Life Rating
Direct Replacement for A19 Bulbs
Rough Service

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The Larson Electronics LED-A19-10-E26-SML Omni-Directional 10 Watt LED A19 Style Bulb is designed to fit in standard light bulb sockets and provides increased durability and rough service over fragile incandescent lamps. Using a tenth of the electrical current of standard 100 watt rough service lamps, this 10 watt LED bulb ideal for industrial and commercial applications that require small form factor replacement

lamps.

The LED-A19-10-E26-SML is an omni-directional LED light bulb that can serve as an A19 LED upgrade from standard service light bulbs fitting E26 bulb sockets. Utilizing only 10 Watts and designed to operate with 100-277 Volts AC, this lamp provides higher efficiency than traditional incandescent A19 bulbs and is a direct fit replacement. The A19 is the same base and dimensions as a standard A19 incandescent and compact fluoresecent light bulbs, meaning you can use this LED light bulb as a replacement for a standard household lamps. However, given the durability and longevity of this LED design, we see this LED light bulb as an ideal solution for a variety of business and industrial uses.

Click Image to Enlarge

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.

This lamp has an acceptable operating temperature range of -20°C to +85°C and an operational life of 25,000 hours. The solid state design of this lamp means it is resistant to the effects of impacts and vibrations, providing adding durability to withstand conditions that would cause a normal incandescent bulb to fail. The overall dimensions of this LED light are the same as a standard A19 incandescent lamp, making this a direct replacement for currently installed bulbs. The base of this LED lamp is constructed of aluminum and is fitted with a shatter resistant polycarbonate dome, adding for durability and resistance to rust and corrosion.

The LED-A19-10-E26-SML is the ideal upgrade and/or replacement for omni-directional hand lamps and drop lights like our EPL-120 series explosion proof hand lamps. This bulb produces

nearly 3 times the foot candles at 5` than of a standard 100 watt rough service bulb. This LED lamp is offered in soft white 2700K, warm white 3000K, cool white 4500K and daylight 5600K color temperatures. The high output and color options, this bulb is ideal for improving the light output of hand lamps, drop lights, and other standard incandescent lighting within industrial applications.

The E26 base is the same screw in base that the standard light bulb in the US and Europe. You can use this LED light bulb in a standard lamp in your home. However, given the durability and longevity, we also see this LED light bulb as an ideal solution for sealed hand lamps and drop lights that usually involve replace seals, gaskets, etc. when relamping. As such, this LED light bulb can provide additional safety measures and time savings, given the low heat production and that it does not require replacing for 25,000 hours. Since the LED bulb uses solid state technology, the vibration (dropping, etc.) that degrades conventional incandescent bulbs is not an issue with these LED bulbs.

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)

There are no Faqs

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Image: LED-A19-10-E26-SML LED lightbulb - A19 style - E26 base

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Image: 10 Watt LED light bulb LED-A19-10-E26-SML

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Image: LED-A19-10-E26-SML Small form factor A19 style replacement

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Product ID: 45341

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

Options:

-Voltage-Color Temp
Example: -1227-56K

Voltage	
HV	-1227
12V	-12V
24V	-24V
LV	-1224

Color Temp	
5600K	-56K
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
3000K	-30K
2700K	-27K

Links (Click on the below items to view):

- **Beam Information (Coverage, Datafile)**(https://www.larsonelectronics.com//images/product/BeamInfo/45341.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com//images/product/DimensionalDrawing/45341.PDF)
- **IES (Photometric File)**(https://www.larsonelectronics.com//images/product/ies/45341.ZIP)
- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/45341.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com//images/product/Step/45341.ZIP)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/45341.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/45341.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/45341.JPG)
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