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LED18W-PAR36

18W PAR36 LED Lamp - 1800 Lumens - 10-30V DC

Product ID: 147049

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.

LED18W-PAR36 PAR36 LED Lamp
Lamp Type: PAR36 LED
Dimensions: 4.5" (Nominal Diameter)
Total Watts: 18W
Watts Per Bulb: 3W (6)
Voltage: 10-30V DC
Current: 1.5A @ 12V /0.75A @ 24V
Lumens: 1,800
Beam Configuration: Flood
Color Temperature Options: 3000K, 4500K or 6000K
LED Life Expectancy: 50,000+ hours
Ambient Operating Temp Range: -20°C to +60°C
Lens Material: Polycarbonate
Weight: 2 lbs

Special Orders - Special Requirements
Contact us for special requirements

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The LED18W-PAR36 from Larson Electronics is a PAR36 LED Lamp designed for PAR36 automotive headlights, can lights, housings and more. This unit is capable of emitting 1,800 lumens with color temperature options of 3000K, 4500K or 6000K. A clear, polycarbonate lens reinforces the exterior of the lamp, allowing it to withstand light impacts.

The LED18W-PAR36 is a suitable replacement for PAR36 lighting solutions and systems. This PAR36 LED lamp operates on 10-30V DC, including 12V DC and 24V DC. When in use, the luminary emits 1,800 lumens in a flood beam configuration

with color temperature options of 3000K, 4500K or 6000K. A total of six, three-watt LEDs can be found inside the unit. The PAR36 LED light is equipped with a clear, polycarbonate lens for close range illumination.

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.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Superior color rendering compared to HPS, LPS, MH.
4. Solid-state design.
5. Low profile - light weight.
6. 1,800 lumen output from 18 watts.
7. Color temperature options of 3000K, 4500K or 6000K.

Superior LED Benefits

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

Applications: PAR36 lighting systems, housings, cans, off-roading, cars, trucks, work area lighting, vehicle lighting systems, outdoor illumination, forklifts, trains, buses, tanks, emergency fleets, law enforcement, communication vehicle, military command vehicle 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.

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Frequently Asked Questions (FAQ)









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LED18W-PAR36

Product ID: 147049

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LED18W-PAR36-Color Temp-Beam Config

Example: LED18W-PAR36-30K-FL

Color Temp	
3000K	-30K
4500K	-45K
6000K	-60K

Beam Config	
FLOOD	-FL
EURO	-EURO

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**