

## LEDWL-PAR36-M

**18W PAR36 LED Driving Light - 1800 Lumens - 10-30V DC - IP67 Waterproof - 100lb Magnet Mount**

**Product ID: 148697**

**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.

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### LEDWL-PAR36-M 18W PAR36 LED Driving Light

**Lamp Type:** PAR36 LED  
**Dimensions:** 4.56" x 2.59" x 5.11"  
**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  
**Housing Material:** Aluminum  
**Lens Material:** Polycarbonate  
**Mount:** 100lb Grip Magnet Mount  
**Weight:** 6 lbs

### Ratings/Approvals

IP67 Waterproof  
Shockproof  
Cooling Ribs for Heat Dissipation  
100 lb Grip Magnet Mount Base

### Special Orders - Special Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

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**The LEDWL-PAR36-M from Larson Electronics is a PAR36 LED Driving Light w/ 100 lb Magnet Mount that is suitable for vehicle lighting systems, off-roading, trucking, forklifts, military applications, emergency fleets and more. This 18-watt luminary consists of six, three-watt LEDs, which is capable of emitting 1,800 lumens in a flood beam configuration with color temperature options of**

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**3000K, 4500K or 6000K. Operators may mount the low voltage unit on any flat, magnetic surface and use the light in rainy (IP67 waterproof) or rough environments.**

The LEDWL-PAR36-M is a compact lighting solution for a wide range of vehicles. 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. Cooling ribs located behind the lamp helps regulate the operating temperature of the luminary. The PAR36 LED Driving Light is constructed of sturdy aluminum with a clear, polycarbonate lens for close range illumination. This luminary is IP67 waterproof and shockproof. Operators may mount the light on compatible surfaces using a surface mount mechanism.

**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.



16ft Coil Cord w/Cigarette Plug

21ft Cord with Ring Terminals

16ft Cord w/Battery Clamps

16ft Cord with Cigarette Plug

[Click Images to Enlarge](#)

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**Wiring:** Each light comes with a detachable 16 foot coil cord with cigarette plug. The cord is detached via a weatherproof, 2 pin Deutsch connector which easily and securely attaches and detaches the coil cord from the spotlight. Other cords, including 21 foot cords with ring terminals (C-21RT), 16 foot cord with spring battery clamps (alligator clips) (C-16BC) and a 16 foot straight cord with cigarette plug (C-16CP) are available. This light is universal voltage and will work on any voltage, including 12V and 24V. Choose voltage below when ordering.

**Mounting:** The LEDWL-PAR36-M features a 100 lb grip strength magnet for easy and secure mounting of the light to any flat, magnetic surface. The magnet is mounted to the light head via an adjustable trunnion bracket. This allows operators to adjust the angle and direction of the light by simply loosening a bolt, adjusting the light to the desired angle and retightening the bolt.

**Suggested Applications:** 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](mailto:sales@larsonelectronics.com) for more

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information about our custom options tailored to meet your specific industry needs.

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### 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.
8. 100 lb grip magnet mount for easy and secure mounting to flat, magnetic surfaces.

### 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.
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## Frequently Asked Questions (FAQ)









**LEDWL-PAR36-M**

**Product ID: 148697**

**Warranty: 12 Months**

**Harmonized System (HS) Code: 9405.41.84.10**

**Export Control Classification Number (ECCN): EAR99**

**Options:**

**LEDWL-PAR36-M-Color Temp-Cord**

**Example: LEDWL-PAR36-M-30K-16CP.CC**

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

| Cord               |             |
|--------------------|-------------|
| 16 CIG COIL        | -16CP.CC    |
| 16 CIG             | -16CP       |
| 21 RING<br>TERMS   | -21RT       |
| 16 BATT<br>CLAMPS  | -16BC       |
| 16 FLYING<br>LEADS | -16.PIGTAIL |

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)