Larson Electronics LLC
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MUL-10-LED-FL

18W Magnetic LED Utility Floodlight - 100 lb Magnetic Grip - Pistol Grip Handle

Product ID: 148744

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



Image: MUL-10-LED-FL

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.

MUL-10-LED-FL - Portable Handheld Hunting 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
Wiring: 16` Cigarette Coil, 16` Cigarette, 21` Ring Terminals, 16` Battery Clamps, 16` Flying Leads
Ambient Operating Temp Range: -20ºC to +60ºC
Housing Material: Aluminum
Lens Material: Polycarbonate
Mount: 100 lb Magnetic Surface Mount
Grip: Reverse Pistol

Features

IP67 Waterproof
Shockproof
Cooling Ribs for Heat Dissipation

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The MUL-10-LED-FL from Larson Electronics is a portable handheld magnetic flood light that is suitable for hunting or utility lighting, as well as off-roading, trucking, military applications and more. This handheld spotlight uses one of our LEDWL-PAR36 lamps which offers 18-watts of LED illumination and consists of six, three-watt LEDs, which are capable of emitting 1,800 lumens in a flood beam configuration with color temperature options of 3000K, 4500K or 6000K. This powerful LED light features a 100 lb grip magnetic base and a polycarbonate pistol grip handle. Operators may mount this low voltage LED on any compatible surface and use the light in rainy (IP67 waterproof) or rough environments.

The MUL-10-LED-FL is a compact LED floodlight that can be used for a wide range of different applications. This LED lamp operates on 10-30V DC, including 12V DC and 24V DC. When in use, the LED 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 magnetic floodlight is constructed of sturdy aluminum with a clear, polycarbonate lens for close range illumination. The 100 pound grip magnet base holds this light in place, even under the most aggressive off-road conditions, and the reverse pistol grip handle is constructed of impact-resistant plastic for beam positioning, which stays in place with tension style hinge brackets. This luminary is IP67 waterproof and shockproof and may be mounted on compatible surfaces using a surface mount mechanism.

Wiring/Plug: 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 also available. This light can be ordered in either 12 volt or 24 volt configuration, allowing it to be used with any vehicle or ATV equipped with a cigarette plug. Choose voltage below when ordering.

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.

Mounting: The MUL-10-LED-FL 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.

Applications:
This extension cord is ideal for indoor or outdoor use and applications including but not limited to, generators, construction sites, plant maintenance, plant turnarounds, shows, exhibits, industrial equipment, uninterruptible power supplies (UPS battery backups), stage equipment, and shipyard operations. These industrial extensor cords are popularly used in applications where external power sources are often necessary. We also offer class rated extension cords for use within explosion proof and hazardous location environments.

Larson Electronics is a manufacturer and as such can build extension cords and portable transformer systems to your specifications. Although we carry several models of power distribution transformers, we can deliver custom ordeblue units almost as quickly as our prebuilt units If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

There are no Faqs

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MUL-10-LED-FL

Product ID: 148744

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

Options:

MUL-10-LED-FL-Cord
Example: MUL-10-LED-FL-16CP

Cord	
16'-CIG PLUG	-16CP
21'-RING TERMINAL	-21RT
21'-BATT CLAMP	-21BC
10'-COIL CORD	-10CC

Links (Click on the below items to view):

- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/148744.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/148744.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/148744.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/148744.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/148744.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/148744.JPG)
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