Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 144412

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.

MUL-30-LED LED Spotlight w/ Magnetic Base

Type: LED Spotlight
Dimensions: 13.5" H, 6" D Lens, 3.25" OD Base
Weight: 3 lbs.
Voltage: 12V DC
Total Watts: 30
Candlepower: 215,000
LED Lamp Life Expectancy: 50,000+ Hours
Color Temp: 6000K
Lighting Configuration: Spot
Amps: 2.5 (On 12 Volts)
Optics Efficiency: 90%
Wiring: Multiple Cord Options
Housing Material: Aluminum
Lens Material: Polycarbonate
Mounting: 100 Lbs Magentic Mount

Features:

High Intensity LED Light Output
215,000 Candlepower
100 Lbs. Grip Magnetic Base
Weatherproof
UV Resistant
Multiple Cord Options
Portable
Low Amp Draw
Projects 600` Long Spot Beam

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

Buy American Compliant

The MUL-30-LED is an LED Spotlight with Magnetic Base that offers operators 215,000 candlepower while only drawing 30 watts of power. The weatherproof design allows this LED

spotlight to perform in even the most abusive of conditions and the magnetic mounting base allows the spotlight to be easily mounted to any flat ferrous metal surface. The MUL-30-LED runs on 12V DC voltage and is ideal for a wide range of applications and uses.

Light Head Information: The light head on the MUL-30-LED handheld spotlight from Larson Electronics produces a 600` long by 90 feet wide light beam of bright light. Using our latest 30 watt PAR46 solid state LED bulbs, the MUL-30-LED draws only 2.5 amps on 12 volts DC. The light head on the MUL-30-LED is UV resistant, weatherproof, and ruggedly constructed to withstand demanding environments, conditions and applications. This particular unit is equipped with a 3.25 inch diameter, 100lb grip magnetic base. The operator can use the reverse pistol grip handle to position the beam. The tension style hinge brackets will then keep the light in the desired position until the operator moves it again.



Click Photo to Enlarge | Click Photo to Enlarge | Click Photo to Enlarge

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED lights utilize an extruded aluminum housing that incorporates an advanced heat radiating fin design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated LEDs. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

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-30-LED is equipped with a 3.25 inch diameter magnetic base. The base is rated for 100 pounds which ensures a secure grip for the light on any flat ferrous metal surface. The ability to be securely mounted and easily moved to other locations without any tools makes the MUL-30-LED a very versatile LED spotlight.



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

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 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.

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.

High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MH.
5. Retains 80% lumen output after 50,000 operating hours.
6. Powder coated aluminum fixture body.
7. Pendant and Swivel Bracket mount included
8. Low profile - Light weight
9. 215,000 candlepower output from 30 watts

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)

There are no Faqs



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Product ID: 144412

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

Options:

-Cord
Example: -16CP

Cord	
COIL CORD	-16CP
STRAIGHT CORD	-16SC
BATTERY CLAMP	-21BC
RING TERMINALS	-21RT

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/144412.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/144412.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/144412.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/144412.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/144412.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/144412.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/144412.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/144412.JPG)
- **HigResPic8**(https://www.larsonelectronics.com//images/product/HigResPic8/144412.JPG)
- **HigResPic9**(https://www.larsonelectronics.com//images/product/HigResPic9/144412.JPG)
- **HigResPic10**(https://www.larsonelectronics.com//images/product/HigResPic10/144412.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)