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HMLBLT-18W-LED-25-1224

18W LED Spotlight w/ Magnetic Base - Adjustable Tilting Base w/ Grip Handle - 25' Cord w/ Cig. Plug

Product ID: 147258

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.

HMLBLT-18W-LED-25-1224-1224 Magnetic Mount Light

Lamp Type: CREE LED
Dimensions: 4.75"L x 2.3" Diameter
Weight: 2 lbs
Voltage: Universal- 100-277V AC, 50/60Hz
Total Watts: 18W
Total Lumens: 1,530
Luminous Efficacy: 85 Lm/W
LED Lamp Life Expectancy: 50,000+ Hours
Color Temp: 5000K
Color Rendering Index: 85
Beam Type: 25° Spot or 60° Flood
Power Efficiency: >90%
Power Factor: 0.9

Operating Temperature Range: -40°C to +80°C
Typical Case Temperature: -20°C above ambient temp.
Housing Material: Aluminum
Housing Color: Black, Bronze or White
Lens Material: Polycarbonate

Mounting: 100 lb magnetic base or handheld use

Wiring: 25` 16/2 SOOW Cable w/ Choice of Cigarette Plug

Wiring Options: 25` Cigarette Coil, 25` Cigarette, 25` Ring Terminals, 25` Battery Clamps, 25` Flying Leads

Ratings

Listed for use in United States and Canada.
Waterproof / Vapor proof
IP65 Ingress Protection
Impact/Vibration Resistant Construction
50,000 Hour LED life

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

3 year warranty replacement on this LED light (or LED bulbs for light fixtures with removable LED bulbs). After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement. Please click here to see our 3 Year Warranty pamphlet.

The HMLBLT-18W-LED-25-1224 from Larson Electronics offers high purity optics, industrial grade construction, and effortless adjustability in a compact form. This IP65 rated LED light generates an impressive 1,530 lumens while drawing only 18 watts of energy. In addition to a powerful 100lb grip magnetic base for quick and easy on-the-go mounting, this light features a unique dual bracket design that allows the operator to guide the light through a full range of vertical and horizontal movement with ease.

The HMLBLT-18W-LED-25-1224 magnetic mount light features one high output LED lamp that yields 1,530 lumens of cool white light with a color temperature of 5000K and a CRI of 85, providing maximum illumination and superior color rendering while drawing a modest 18 watts of energy. This lamp uses Cree LED units that have been chosen for their high lumen per watt ratio and extreme longevity. These Cree LEDs generate a robust 85 lumens per watt effective lumen output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources. Larson Electronics offers the HMLBLT-18W-LED-25-1224 in a 60° diffused wide angle flood beam or a focused 25° spot beam configuration for illuminating longer distances.

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

Built for toughness and durability, the HMLBLT-18W-LED-25-1224 LED assembly is housed within a machined aluminum body and protected behind an impact resistant polycarbonate lens. This housing incorporates integral cooling fins for efficient heat dissipation to increase LED lifespan and is powder coated with a solid black finish for added corrosion resistance.

The dual bracket design of the HMLBLT-18W-LED-25-1224 allows the operator to guide this light through a broad range of movement with ease, making it excellent for tracking animals or moving objects. An upper trunnion style bracket attaches the light head to a lower pivoting and tilting bracket, which is in turn attached to the magnetic base. The upper trunnion bracket allows the light head itself to be vertically adjusted to the operator`s desired position by hand. The lower bracket features an inverted pistol grip handle attached with a 7" steel strap and allows the entire light unit to be easily rotated 360° and tilted up or down using the ergonomic handle. Additionally, this bracketing system will maintain a fixed beam position after placement if stationary lighting is preferred.

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 HMLBLT-18W-LED-25-1224 portable LED light is mounted using a

magnetic base and can be attached anywhere there is ferrous metal. With 100lbs of gripping power, this magnetic base is strong enough to keep the light unit affixed to a vehicle even while in motion.



25ft Coil Cord w/Cigarette Plug



25ft Cord with Ring Terminals



25ft Cord w/Battery Clamps



25ft Cord with Cigarette Plug

Click Images to Enlarge

Each light comes with a detachable 25 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 25 foot cords with ring terminals (C-21RT), 25 foot cord with spring battery clamps (alligator clips) (C-16BC) and a 25 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.

Applications: Hunting, Security and Law Enforcement, ATVs, Military, Recreation, Portable Work Area Lights

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.

Made in the USA Quality

1. Low power consumption.
2. Instant on/off operation.
3. Machined aluminum body.
4. Superior color rendering compared to Halogen and HID
5. Retains 70% lumen output after 50,000 operating hours.
6. 100lb grip magnetic base.
7. Built for Toughness and Durability
8. Low profile - Lightweight
9. 1,530 Lumen output from only 18 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)


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HMLBLT-18W-LED-25-1224

Product ID: 147258

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HMLBLT-18W-LED-25-1224-Finish-Beam Config-Cord

Example: HMLBLT-18W-LED-25-1224-BLK-SP-25CP

Finish	
BLACK	-BLK
BRONZE	-BRZ
WHITE	-WHT

Beam Config	
25° SPOT	-SP
60° FLOOD	-FL

Cord	
25 CIG	-25CP
25 RING TERMS	-25RT
25 BATT CLAMPS	-25BC
25 FLYING LEADS	-25.Pigtail

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map