Larson Electronics LLC
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LEDLB-24E-HT-M-30K-16SC

72W Handheld LED Light w/ Magnetic Base - 9-42V DC - 3000K, Top Carrying Handle - 16' SOOW Cord

Product ID: 279610

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.

LEDLB-24E-HT-M-30K-16SC LED Light Bar

Lamp Technology: LED

Dimensions: -

Weight: -

Voltage: 9-42V DC

Watts: 72W

Lumens: 4,320 lms

Luminous Efficacy: -

Lamp Life Expectancy: 50,000+ Hours

Color Temp: 3,000K

CRI: -

Beam Angle: 10° Spot or 35° Flood

Lighting Configuration: Spot or Flood

Spot Beam: 900`L x 100`W

Flood Beam: 300`L x 280`W

Optics Efficiency: 90%

Power Factor: -

Amps: 6A @ 12V, 3A @ 24V

Ambient Operating Temp Range:-

Housing Material: Aluminum (Black)

Ratings/Approvals

LEDs Driven At 80%

-40 C~ +80C Operating Temp Range

RoHS Compliant

70% Lumen Retention @65,000 hours

LED Chip Op Temp -40C to +110C

IP68 Rated Waterproof to 3 Meters

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Lens Material: Polycarbonate Lens

Mounting: (2) 100 lb Magnets @ Bottom, Portable Top Carrying Handle

Wiring: 16' 16/2 SOOW Straight Cord w/ Flying Leads

Intl: 1-903-270-1187

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Buy American Compliant

The Larson Electronics LEDLB-24E-HT-M-30K-16SC Handheld LED Light w/ Magnetic Base is designed for extreme durability in demanding operating conditions. This IP68 rated LED light bar is waterproof to three meters and produces light with a 3000K color temperature rating. Equipped with a magnetic base and top carrying handle, the unit has a 16` 16/2 SOOW straight cord with flying leads. The LED light can run on any voltage from 9 to 42 volts and is ideal for use in commercial and industrial security applications, as well as military environments.

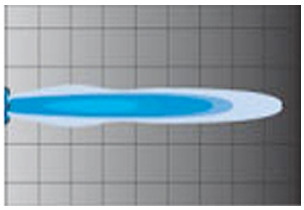
The LEDLB-24E-HT-M-30K-16SC LED light bar from Larson Electronics produces powerful illumination in outdoor and rugged locations. In the spot configuration, this LED emitter produces a 900` long by 100` wide beam of light with a tight focus and moderate beam spread. In the flood configuration, this LED light produces a wide spread beam concentrated much closer to fixture. Visible white emitters arranged in rows and paired with high purity 10 degree optics produce a tightly focused spot beam with limited spread or light spillage. This light has a 3000K color temperature rating.

We offer optional floodlight versions of this light that have 35 degree optics to produce a wider beam spread and more light over a larger area nearer the fixture. These LED light bars are IP68 rated and waterproof to 3 meters, sealed against intrusion by dust and dirt and very ruggedly constructed to withstand the most demanding environments, conditions and applications. The entire Larson Electronics LEDLB series are constructed of extruded aluminum and feature heavier housings, rubber isolated mounts and unbreakable polycarbonate lenses to provide increased durability against vibrations, impacts, waves, hard rains, sand and high winds.

LEDLB-24E-HT-M-30K-16SC
35° Flood Beam (Opt)



LEDLB-24E-HT-M-30K-16SC
10° Spot Beam (Stnd)



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 light bars 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 Edison Edixeon® Emitters. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Voltage Control: These units are able to monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These LEDLB series light bars can operate on current ranging from 9 to 42V DC without any modifications necessary as a result. This multi-voltage capability makes these units ideal for mobile and stand alone applications such as those found on boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

Durability: The LEDLB-E series of LED light bars from Larson Electronics offer IP68 rated construction that is designed to withstand extremes of environmental and operating conditions. The LED lights with the 'E' part number designation are are designed for extreme durability and are larger and heavier than the standard

LEDLB series lights and are nearly twice as heavy as their standard counterparts. These units can withstand rapid temperature changes of -40 degrees Celsius to 85 degrees Celsius, are waterproof to three meters and resist ingress of dust, dirt and humidity. The housings are formed from thick extruded aluminum and the lenses are unbreakable polycarbonate. The Edixeon® LEDs offer inherent LED resistance to shocks and vibrations contributing to these units 15.6Grms rating of vibration tolerance. We recommend these LED lights for high stress - high vibratory conditions, high humidity climates, very cold areas and rough saltwater conditions. They are also well suited to environments where equipment is used in one temperature extreme and stored in another temperature extreme.
Wiring: The LEDLB-24E-HT-M-30K-16SC comes with 16 feet of 16/2 SOOW straight cord with flying leads for power connections.
Note: Most Larson Electronics LEDLB, LEDP3W, LEDP10W, and LED10W series LED spotlights and floodlights are terminated with a Deutsch IPD / LADD DT04-2P connector. The mating connector plug is DT06-2S. Most LEDLB and LED10W series lights ship with mating connector as part of a harness or pigtail, depending on the model. Some larger LED lights like the LEDLB-160X2 or LEDLB-200X2 or multiple function LED lights (i.e. high/low beam, modulating, IR/Visible combos) will have different Deutsch connectors.
Mounting: These LEDLB LED light bars feature a small profile and light weight, making them ideal for use in locations where traditional lights cannot fit or would block other mounted equipment. This LED light emitter is mounted on an adjustable magnetic base with handle. This base is available with two 100lb grip magnets at the bottom for portability. In addition to the magnets, this LED light also features a top-mounted carrying handle for simple and easy transportation between desired locations.
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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Product ID: 279610

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

Options:

LEDLB-24E-HT-M-30K-16SC-Beam Pattern

Example: LEDLB-24E-HT-M-30K-16SC-SP

Beam Pattern	
SPOT	-SP
FLOOD	-FL

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**