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ARTL-LEDBLT-40W-WCM

37 Watt LED Fixture for Architectural Lighting - Aluminum Housing - 120-277V AC - IP67 Waterproof

Product ID: 147762

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.

ARTL-LEDBLT-40W-WCM Industrial LED Light

Lamp Type: LED
Lamp Dimensions (w/o Bracket): 2.3" Diam" x 4.75"-Length
Weight: 2 lbs
Watts: 37W
Voltage: 120-277V AC 50/60 Hz
Lumens: 3,330
Lamp Life Expectancy: 50,000 Hours
CRI: 80
Amps: 0.15A @ 120V, 0.075A @ 240V, 0.065A @ 277V, 1.5A @ 12V, 0.75A @ 24V
Light Color:4,100K or 5,000K
Beam Type: 70° Spot or 100° Flood
Mounting: Knuckle Mount
Housing Materials: Die-Cast Aluminum
Housing Finish: Powder coated
Housing Color: Bronze
Lens Materials: Clear Flat Glass
Temp Range: -40°C to +85°C
Typical Case Temperature: ~20°C above ambient temperature

Quick Summary

Listed for use in United States and Canada
Waterproof/Vapor Proof
Universal Voltage 120-277V
IP67 Ingress Protection
Impact/Vibration Resistant Construction
50,000 Hour LED Life
Buy American Compliant

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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The Larson Electronics ARTL-LEDBLT-40W-WCM is a sleek, low profilearchitectural lighting solution that features an IP67 rating for immersions of up to 3 feet, and is approved for outdoor environments. This powerful 37 watt LED light produces 3,330 lumens of intense white light, enabling crisp illumination of buildings and other structures. This LED operates on 120 to 270V AC and features an adjustable knuckle mount. A variety of configurations are available for tailoring to the specific requirements of various applications.

The ARTL-LEDBLT-40W-WCM is designed with a sleek finish to provide a operators with an aesthetically pleasing LED light that offers high output while staying ruggedly durable. This LED is an ideal lighting solution for applications where corrosion resistance and waterproof light fixtures are required. This industrial LED light is offered in a focused 70° spot beam for distance or 100° flood beam for a diffused wide angle beam. An adjustable knuckle mount in the center of the light housing allows for full adjustability after installation, allowing for precise aiming of this LED light. This housing is constructed of precision die-cast aluminum for excellent strength and durability, powder coated finish for corrosion resistance and a sleek aesthetic appearance, and is rated IP67 for ingress protection against dust and dirt, and from immersions of up to 3 feet.

The ARTL-LEDBLT-40W-WCM provides a cool white light output with a color temperature of 4100K or 5000K and color rendering index of 85 for maximum illumination. The high output, cool running operation, and good color rendering properties of this light make it an ideal replacement for older, bulkier, and less reliable incandescent and halogen lamps.

Durability: The ARTL-LEDBLT-40W-WCM industrial grade LED light is constructed of die-cast aluminum for high strength and durability with a powder coated finish for increased corrosion resistance. The housing is IP67 rated, providing protection against intrusion into the housing from oils and water directly sprayed on the housing from all directions and allowing for immersions of up to 3 feet. This LED light is equipped with a clear flat glass lens for a cleaner appearance from the desired target. This design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wet conditions are commonly encountered.

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.

High Output LEDs: The LEDs in this unit are Cree units that have been chosen for their high lumen per watt ratio and extreme long life. These Cree LEDs provide over 90 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. These lights are equipped with high purity optics and available in a 70° spotlight configuration for long beam length or 100° flood configuration for wide area coverage. Utilizing a clear flat glass lens, this light fixture produces a cleaner line of illumination than others. The ARTL-LEDBLT-40W-WCM has is offered in 4100K or 5,000K cool white with a color rendering of 80.

Click Photo to Enlarge

Mounting: Mounting for this unit is provided by an included 1/2" NPS knuckle mount that allows for easy adjustment of the light once installed. The mounting yoke is predrilled with thru-hole for easy and secure mounting to flat surfaces or pipe mounting. The entire assembly weighs 2 lbs and measures only 2.3" in diameter and approximately 4.75" long, making it ideal for mounting in areas where space is limited and a heavy fixture cannot be installed due to lack of support.
Power: These industrial LED lights can be operated with 100-277 VAC, 50/60Hz.
Versatility: The ARTL-LEDBLT-40W-WCM is listed for use in United States and Canada. The unit carries an IP67 waterproof rating ensuring protection against ingress from oils and water sprayed and immersions of up to 3 feet. This light is ideal for indoor or outdoor applications and industrial operations where wet conditions are commonly encountered.
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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ARTL-LEDBLT-40W-WCM

Product ID: 147762

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

ARTL-LEDBLT-40W-WCM-Beam Config-Color Temp

Example: ARTL-LEDBLT-40W-WCM-70DB-41K

Beam Config	
70°	-70DB
100°	-100DB

Color Temp	
4100K	-41K
5000K	-50K

Links (Click on the below items to view):

- **CE Certificate**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**