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WAL-SBDL-LEDBLT-42-WPS

18W Work Area LED Dock Light - 42" Swing Arm - 1530 Lumens - 120-277VAC - Weatherproof Switch

Product ID: 147085

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



Image: WAL-SBDL-LEDBLT-42-WPS

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.

WAL-SBDL-LEDBLT-42-WPS LED Dock Light

Lamp Type: LED
Dimensions (without bracket): 4.75"L x 2.3"D
Arm Length: 42"
Weight: 30 lbs
Voltage: 120-277V AC 50/60 Hz or 11-25V AC/DC
Total Watts: 18W
Total Lumens: 1,530
Luminous Efficacy: 85 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: 5000K
Color Rendering Index: >85
Beam Angle: 25° Spot or 60° Flood
Lighting Configuration: Spot or Flood Beam
Amps: 0.15A @ 120V, 0.075A @ 240V, 0.065A @ 277V, 1.5A @ 12V, 0.75A @ 24V
Ambient Temp Range: -40°C to +85°C
Housing Material: Machined Aluminum
Housing Color: Black, Bronze or White
Lens Material: Polycarbonate
Mounting: Adjustable Swing Arm Dock Light
Wiring: 20` 16/3 SOOW w/ Cord Csp

Features

Listed for United States and Canada
Waterproof/Vapor Proof
Operates on Standard 110-277V AC
IP65 Ingress Protection
50,000+ Hour Lamp Life
Weatherproof On/Off Switch at Base of Arm

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Cord Cap: 5-15, 6-15, 5-20, 6-20, L5-15, L6-15, L5-20, L6-20, BS1363, Schuko, or Pigtail **E-mail:** sales@larsonelectronics.com

The Larson Electronics WAL-SBDL-LEDBLT-42-WPS Extendable Work Area Dock Light provides operators with a powerful and energy efficient alternative to traditional gas burning filament luminaries. This LED 42" swing arm dock light is a direct replacement for 500 watt quarts halogen dock lights and provides a pivoting 42" arm for mounting and positioning as well as a weatherproof on/off switch located at the base of the arm. LED technology and adjustable swing arm design makes this lamp an excellent replacement upgrade option for less durable and efficient halogen or HID loading bay and dock lights.

This work area LED dock light provides 1,530 lumens of high quality light while drawing only 0.15 amps at 18 watts on a 120V AC power source. The machined aluminum alloy body of the LED light head is powder coated for added durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 50,000 hour rated lifespan with 70% lumen retention. This light is available in both a 25° focused beam and a 60° wide flood beam to fit a variety of lighting requirements.

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.

Cree Specific: 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 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. These lights are equipped with high purity optics and available in a 25° spotlight configuration for long beam length or 60° flood configuration for wide area coverage. Utilizing a polycarbonate lens, this fixture produces a higher light output than similar fixtures equipped with thicker glass lenses. The WAL-SBDL-LEDBLT-42-WPS is offered in 5,000K cool white with a color rendering index of 85.

The high output LED light head is mounted to an adjustable two-part 42" swing arm constructed of light weight aluminum. The two piece arm design provides two pivot points, one at the mounting bracket and one in the center of the swing arm. The aluminum swing arm swings 170° from the mounting bracket point and 340° from the center pivot point, while the light head is vertically adjustable up to 270°, providing full adjustability for this 18 watt LED light. This switch blade swing arm can be mounted with the light head oriented on the top side

or bottom side of the arm, allowing operators to illuminate objects in any location. This swing arm is ideal also for mounting the unit to loading door areas and docks for use as a loading bay or dock light. The WAL-SBDL-LEDBLT-42-WPS also features a weatherproof on/off switch located at the base of the swing arm for easy on/off operation.

This LED dock light is universal voltage capable and can be operated with standard 110-277 VAC, 50/60Hz without any need for a special ballast. The aluminum body and LED lamp give this light excellent durability and resistance to vibration and impacts. The housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LED luminaries. The LED lamp produces 1,530 lumens with a color temperature of 5000K and a color rendering index of 85 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring and Plug: This LED swing arm dock light system is equipped with 20` of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 220-240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

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	Superior LED Benefits
1. Low power consumption. 2. Instant on/off operation. 3. Fixture constructed of extruded corrosion resistant machined aluminum. 4. Superior color rendering compared to HPS, LPS, MV. 5. Retains 70% lumen output after 50,000 operating hours. 6. Powder coated aluminum fixture body. 7. 42" aluminum swing arm mount 8. Low profile - Light weight 9. 1,530 Lumen output from only 18 watts 10. Weatherproof on/off switch located at base of swing arm.	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 LEED 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: 147085

Warranty: 36 Months.

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

Options:

WAL-SBDL-LEDBLT-42-WPS-Finish-Beam Config-Cord Cap
Example: WAL-SBDL-LEDBLT-42-WPS-BLK-SPOT-5.15

Finish	
BLACK	-BLK
BRONZE	-BRZ
WHITE	-WHT

Beam Config	
25° SPOT	-SPOT
60° FLOOD	-FLD

Cord Cap	
5-15 STRAIGHT	-5.15
6-15 STRAIGHT	-6.15
L5-15 TWIST	-L5.15
L6-15 TWIST	-L6.15
UK BS1363	-BS1363
INTL. SCHUKO	-Schuko
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/147085.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/147085.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/147085.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/147085.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/147085.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/147085.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/147085.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/147085.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/147085.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/147085.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)