Larson Electronics LLC
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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



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
Cord Cap: 5-15, 6-15, 5-20, 6-20, L5-15, L6-15, L5-20, L6-20, BS1363, Schuko, or Pigtail

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
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

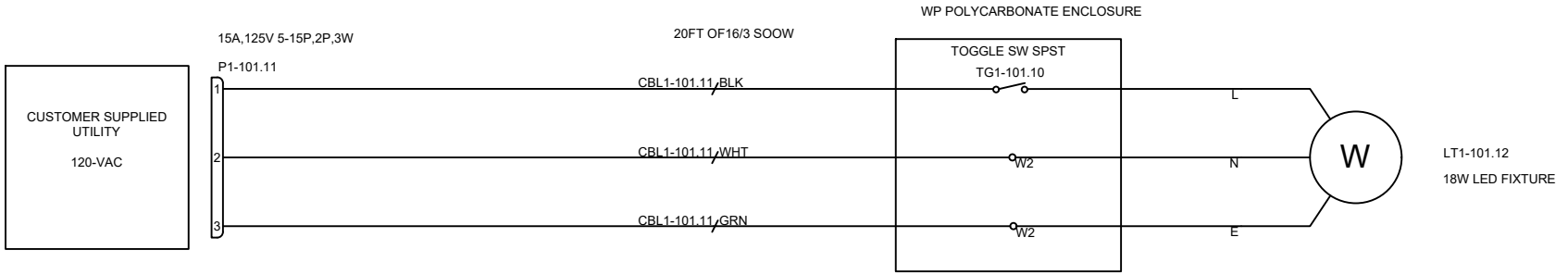
of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your 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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	10/8/2024

WAL-SBDL-LEDBT-42-WPS-BLK-SPOT-5-15

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
P1-101.11	1	UNV00006731	5-15P,NEMA5-15 PLUG,15A 125V AC
LT1-101.12	1	UNV00016850	18W LED DOCK LIGHT 5000K 120/277 BLK
TG1-101.10	1	UNV00014856	On-Off, Toggle Switch,
CBL1-101.11	1	UNV00009083	16/3 SOOW

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE: WAL-SBDL-LEDBT-42-WPS-BLK-SPOT-5-15

DRAWN BY	DATE	REV
A.HIRSH	10/8/2024	A
CHECKED BY	SHEET #	DRAWING #
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Material Safety Data Sheet

To Whom It May Concern,

The Larson Electronics LLC LEDBLT industrial line of LED light fixtures are considered "ARTICLES" under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS). This document does not expire.

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

i. Which is formed to a specific shape or design during manufacture;
ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
iii. Which under normal conditions does not release more than very small quantities.

Regards,

Ray Smith
Larson Electronics, LLC.

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PHILIPS

Philips Lighting Company

MATERIAL SAFETY DATA SHEET

PRODUCT: INCANDESCENT LAMPS **Revised: 6/01**

SECTION 1: MANUFACTURER

Manufacturer's Name and Address: Philips Lighting Company
A Division of North America Philips Corporation
200 Franklin Square Drive
P. O. Box 6800
Somerset, N. J. 08875

Emergency Telephone No.: (800) 424-9300 CHEMTREC
(732) 563-3197 Safety and Compliance
Other Information Calls: (800)-PLC BULB

SECTION 2: HAZARDOUS INGREDIENTS

	OSHA PEL	ACGIH TLV	PERCENTAGE
Lead + (7439-92-1)	.05mg/m^3	less than .1mg/m^3	approx. .025

+ Lead is found within the glass tubing inside the lamp and inside the solder.

SECTION 3: PHYSICAL/CHEMICAL DATA

This item is a glass light bulb. The base is generally aluminum, some applications use brass bases. Chemical characteristics not applicable.

SECTION 4: FIRE AND EXPLOSION DATA

This item is a light bulb. It has no fire data. Under extreme heat, bulb might crack or melt.

SECTION 5: REACTIVITY DATA

Stability: Lamp is stable
Incompatibility: Glass will react with Hydrofluoric Acid.
Base will react with acids.
Polymerization: Will not occur.

SECTION 6: HEALTH HAZARD DATA

Not applicable for the intact lamp, when power is off. When lamp is on, bulb gets hot to the touch.

EMERGENCY AND FIRST AID PROCEDURE: If glass cuts occur due to breakage of lamp, use normal first aid procedure.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

When replacing a lamp, be sure the power to the socket is turned off before removing old lamp.

Normal precautions should be taken for the collection of broken glass.

WASTE DISPOSAL METHOD: Under the Toxicology Characteristic Leachate Procedure (TCLP) promulgated by the U.S. Environmental Protection Agency (EPA), tests of used or spent incandescent lamps will fail the TCLP for lead if they contain lead solder. Under the Universal Waste Rule, lamps which fail the TCLP can treated as a Universal Waste and sent for recycling rather than hazardous waste disposal. If treated under the UWR rules are much simpler and easier from a compliance standpoint. Check with your local and State Authorities for guidance.

Small numbers of these lamps may be covered under the Conditionally exempt small generator classification. Not all States accept this exemption, especially in the East. To determine your status check with your local or State authorities. Households are exempt from Federal hazardous waste jurisdiction, but individual states may vary. Customers should review their waste handling practices to assure that they are properly disposing of waste lamps.

A division of
Philips Electronics North America Corporation

200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875-6800
Tel: 732.563.3000

SECTION 8: CONTROL MEASURES

Hand and Eye Protection: Appropriate hand and eye protection should be worn when disposing of lamps or handling broken glass.



A division of
Philips Electronics North America Corporation

200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875-6800
Tel: 732.563.3000

Prepared: 7/98

S01-93002

PHILIPS

Philips Lighting Company

MATERIAL SAFETY DATA SHEET

PRODUCT: Compact Fluorescent Lamps

SECTION 1: MANUFACTUERER

Manufacturer's Name and Address:

Philips Lighting Company
A Division of Philips Electronics
North America Corporation
200 Franklin Square Drive
P.O. Box 6800
Somerset, NJ 08875

Emergency Telephone Number: (800) 424-9300 CHEMTREC
Other Information Calls: (732) 563-3197 Safety and Compliance

SECTION 2: HAZARDOUS INGREDIENTS

	OSHA (PEL) mg/m^3	ACGIH (TLV) mg/m^3	% by Wt.
Phosphor Powder			
Nuisance Dust	15	10	Approx. 2.5
Cerium Terbium Magnesium Aluminate*	N/A	10	Approx. .25
Barium Magnesium Aluminate*	N/A	1.0	Approx. .5
Yttrium Oxide (1314-36-9)	1.0	1.0	Approx. .5
Antimony*(7440-36-0)	.5	.5	Approx .01%
Manganese*(7439-96-5)	.5	.2	Approx .02%
Mercury (7439-97-6)	.1	.025	< than 20 ppm

*PEL and TLV are given for magnesium, aluminum oxide, yttrium, antimony, and mangenese. Barium aluminate is not a soluble compound. Antimony and Manganese are tightly bound within the crystal matrix of the phosphor (Calcium Phosphate).

SECTION 3: CHEMICAL/PHYSICAL DATA

Not applicable. This item is a light bulb. The bulb is glass, the base is a coated aluminum. The coating is inert.

SECTION 4: FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION DATA NOT APPLICABLE -- under extreme heat, glass envelope might melt or crack.

SECTION 5: REACTIVITY DATA

Stability: Lamp is stable.
Polymerization: Not applicable.
Incompatibility: Glass will react with Hydrofluoric Acid.

SECTION 6: HEALTH HAZARD DATA

Not applicable to the intact lamp. Breakage of the lamp may result in some exposure to the phosphor powder dust and to a very little amount of elemental mercury vapor. No adverse affects are expected from occasional exposure to broken lamps, but as a matter of good practice, prolonged or frequent exposure should be avoided through the use of adequate ventilation during disposal of large quantities of lamps.

EMERGENCY FIRST AID: NORMAL FIRST AID PROCEDURE FOR GLASS CUTS IF SUCH OCCUR THROUGH LAMP BREAKAGE.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Normal precautions should be taken for the collection of broken glass.

Waste Disposal Method: At the end of rated life, when this lamp is removed from service, it will be subjected to the current Toxic Characteristic Leaching Procedure (TCLP) prescribed by the Environmental Protection Agency. This test is used to determining whether an item is a hazardous waste or a non-hazardous waste under current E. P. A. definition. Philips Lighting will provide the test data on request. This result will allow the generator to evaluate all of the disposal options, which may be available in the particular state in which the generator's facility is located. The generator should check with federal, state and local officials for their guidance. In most states ALTO lamps are considered non-hazardous subtitle D waste. Philips encourages recycling of its products by qualified recyclers.

SECTION 8: CONTROL MEASURES

Respiratory Protection: Appropriate dust mask should be used if large quantities of lamps are being broken for disposal.

Ventilation: Avoid inhalation of any airborne dust. Provide local exhaust when disposing of large quantities of lamps.

Hand and Eye Protection: Appropriate hand and eye protection should be worn when disposing of large quantities of lamps or handling broken lamps.

SECTION 9: REGULATORY ISSUES

As a product these mercury containing lamps being shipped in the manufacturer's original packaging are not regulated by air, truck or ocean shipment. As a waste, spent ALTO fluorescent lamps maybe regulated in various states and local communities. This material safety data sheet does not constitute "knowledge of the waste", in certain jurisdictions. TCLP data will be furnished upon request.

Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: LEDBLT Series
Description: LED Light Fixtures

Evaluated Listings:

CE: DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE
CE: DIRECTIVE 2014/30/EU - EMC DIRECTIVE
CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The LEDBLT series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: LEDBLT Series
Description: LED Light Fixtures

Evaluated Listings:

CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: LEDBLT Series
Description: LED Light Fixtures

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Frequently Asked Questions (FAQ)

There are no Faqs