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EPL-SBDL-70LP-120-SS

Low Profile 70 Watt Explosion Proof LED Switch Blade Dock Light - 10 Foot Stainless Steel Arm

Product ID: 105251

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.

EPL-SBDL-70LP-120-SS Explosion Proof LED Dock Light

Lamp Type: LED
Lamp Dimensions: 10.7"-H x 9.7"-W x 5.8"-D
Arm Dimensions: 120" - Adjustable - Two pivot points
Total Watts: 70W
Lumens: 5,800
Voltage: Multi- 100-277 VAC, 50/60Hz
Lighting Configuration: Flood Pattern
Color Temp: 5000K, 70-CRI.
Beam Spread: 360° or 180° Cutoff
Weight: 60lbs
Temp Rating: T5 -40C to +45C
Mounting: Adjustable SS Swing Arm w/ Surface Mount Bracket
Mount Finish: Powder Coated Blue, Clear Anodized, Custom
Termination: 10` SOOW cord w/ flying leads
Lamp Life: 100,000+ Hours

Ratings

T5 Temperature Rating
Class 1 Division 1&2 Groups C and D
Class 2 Division 1&2 Groups E,F,G
Class 3 Division 1&2
Certified to UL844
Certified to UL1598/A
IP66 Rated Waterproof
NEMA 4X
70% Lumen Retention @ 100,000 Hours

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPL-SBDL-70LP-120 explosion proof switch blade pivoting 10` dock light provides operators with a powerful and energy efficient alternative to traditional hazardous location luminaires. LED

technology and the double pivot point swing arm design makes this lamp an excellent replacement upgrade option for less durable and efficient halogen or HID loading bay and dock lights.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE*

This Class 1 Divisions 1 & 2, Class 2 Division 1 & 2 explosion proof dock light provides 5,800 lumens of high quality light while drawing only 70 watts. The copper free 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 100,000 hour rated lifespan with 70% lumen retention.

The high output LED light head is mounted to an adjustable two-part swing arm constructed of light weight stainless steel. The two piece arm design provides two pivot points, one at the mounting bracket and one in the center of the swing arm. The stainless steel 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 70 Watt explosion proof LED fixture and allows users to position the light as needed during operations. 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.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

This dock light is universal voltage capable and can be operated with 100-277 VAC, 50/60Hz. This explosion proof LED light fixture is IP66 rated, dust-proof, and protected against high pressure jets and temporary submersion. The cast 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 LEDs and electronics.

This LED light produces 5,800 lumens with a color temperature of 5000K and a color rendering index of 70 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. We offer this light fixture with a 360° full frontal beam illumination or a 180° cutoff for upward or downward illumination only.

High Quality Features **Superior LED Benefits**

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.
4. Superior color rendering compared to HPS, LPS, MV.
5. Retains 70% lumen output after 100,000 operating hours.
6. Powder coated aluminum fixture body.
7. Adjustable stainless steel swing arm
8. Low profile - Light weight
9. 5,800 Lumen output from only 70 watts

1. 100,000 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)

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EPL-SBDL-70LP-120-SS

Product ID: 105251

Warranty: 36 Months

Export Control Classification Number (ECCN): EAR99

Options:

EPL-SBDL-70LP-120-SS-Beam Config

Example: EPL-SBDL-70LP-120-SS-360

Beam Config	
360°	-360
180°	-180

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**