Larson Electronics LLC
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EPL-DL-1MLED-60

Explosion Proof 150 Watt LED Dock Light - Aluminum Swing Arm w/ Hinge - 21,000 Lumens

Product ID: 68842

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



Image: EPL-DL-1MLED-60

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-DL-1MLED-60 150W EXP Dock Light
Lamp Type: LED
Dimensions: 60" x 13.69" x 24.08"
Weight: 45 Lbs
Total Watts: 150W
Lumens: 21,000
Lighting Configuration: Flood Pattern
Color Temp: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K, 2700K, or 6500K
Lamp Life: 60,000+ Hours
Voltage: Multi- 100-277 VAC, 50/60Hz
Temp Rating: T5 -40C to +65C
Mounting: 3/4" NPT
Termination: 20 foot SOOW cord - no plug

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
CSA Certified to C22.2 No.137-M81
cETL Certified to UL844 and C22.2 Standards

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

Made in the USA

The Larson Electronics EPL-DL-1MLED-60 explosion proof LED dock light provides operators with a powerful and energy efficient alternative to traditional hazardous location luminaries. LED technology and the 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 Class 1 Division 1 & 2, Class 2 Division 1 & 2 explosion proof light fixture provides 21,000 lumens of high quality light while drawing only 150 watts. The copper free aluminum alloy body 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 60,000 hour rated lifespan with 80% lumen retention.

A five foot swing arm constructed of non sparking aluminum provides adjustable mounting for this 150 Watt Explosion Proof LED fixture and allows users to position the light as needed during operations. 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

This light is universal voltage capable and can be operated with 100-277 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 21,000 lumens with a color temperature of 6000K and a color rendering index of 70 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries.

High Quality Features

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 80% lumen output after 60,000 operating hours.
6. Powder coated aluminum fixture body.
7. 5 foot aluminum swing arm mount
8. Low profile - Light weight
9. 21,000 Lumen output from only 150 watts

Superior LED Benefits

1. 60,000 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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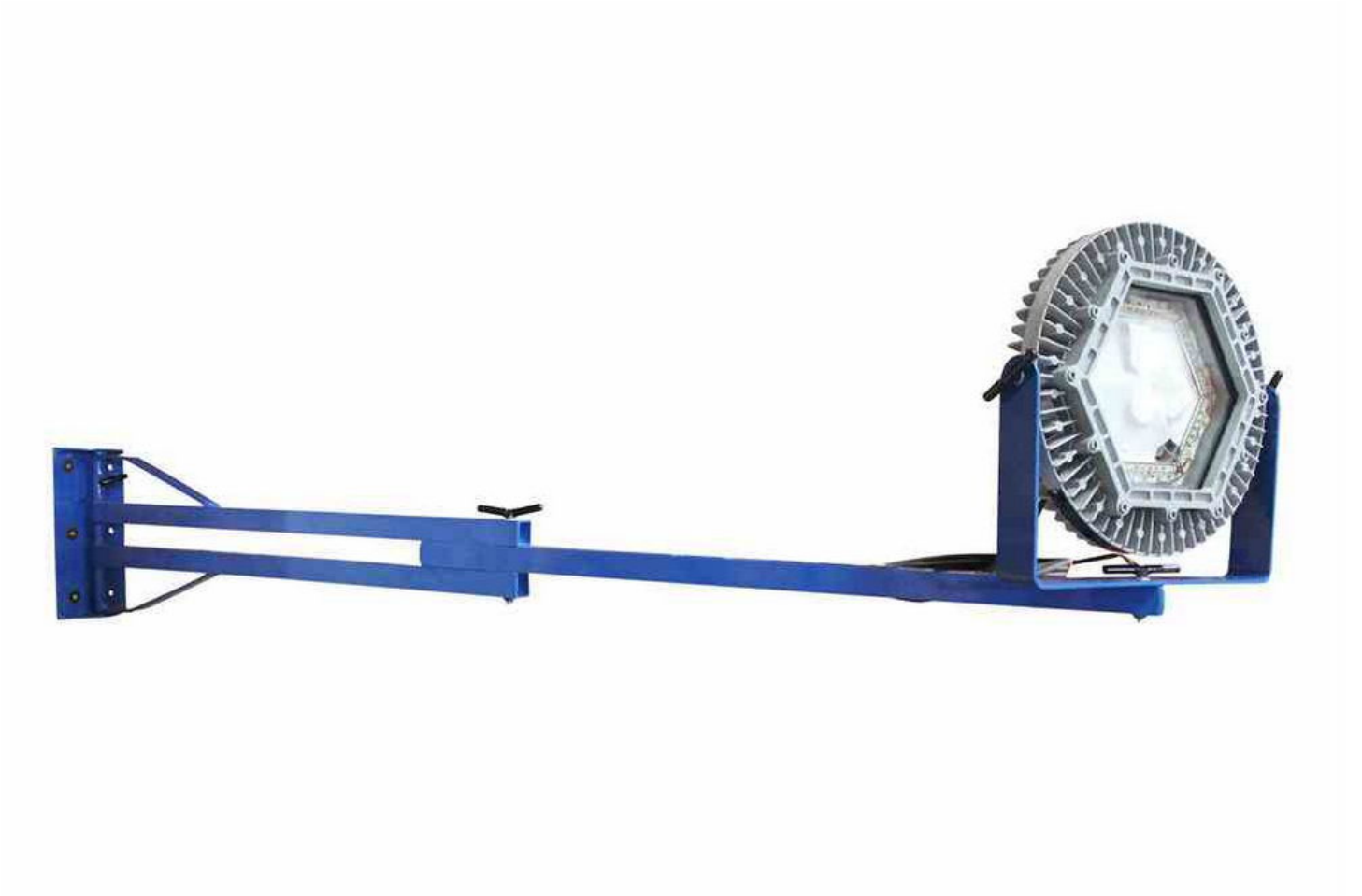


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EPL-DL-1MLED-60

Product ID: 68842

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

Options:

EPL-DL-1MLED-60-Beam Angle-Color Temp
Example: EPL-DL-1MLED-60-60B-56K

Beam Angle	
60°	-60B
125°	-125B
140°	-140B

Color Temp	
5600K	-56K
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
3000K	-30K
2700K	-27K
6500K	-65K

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/68842.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/68842.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/68842.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/68842.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com/images/product/Cert3/68842.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/68842.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/68842.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/68842.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/68842.PDF)
- **SpecSheetArabic**(https://www.larsonelectronics.com/images/product/SpecSheetArabic/68842.PDF)
- **SpecSheetFrench**(https://www.larsonelectronics.com/images/product/SpecSheetFrench/68842.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/68842.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/68842.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/68842.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/68842.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/68842.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/68842.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/68842.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/68842.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/68842.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/68842.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/68842.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/68842.JPG)
- **Video1**(https://www.youtube.com/watch?v=h9FJm7P5o1I)
- **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)