

EHL-LED-7W-240XLV-C1D1-100-2023

Explosion Proof 10W LED Drop Light - Class I - Inline Stepdown Transformer - 100' Cord - 220-240VAC

Product ID: 150580



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.

EHL-LED-7W-240XLV-C1D1-100-2023

Listing: United States

Lamp Type: LED

Dimensions: L-16.5 " Dia-5"

Weight (Handlamp Only): 5 lbs

Weight (Assembly): 37.4 lbs

Voltage: 120-240VAC stepped down to 12V or 24V DC with an inline transformer

Total Watts: 10 watts

Lumens: 1050

Luminous Efficacy: 105 Lm/W

Lamp Life: 50,000+ Hrs

Color Temp: 6000K

Mounting: Aluminum Hook

Wiring: 100' 12/3 SOOW Cord, Inline C1D1 xfmr, 5' 16/3 SOOW, EXP Cord Cap

Cord Cap: 5-15P [EXP, 125V], 5-20P [EXP, 125V], 6-20P [EXP, 250V]

Ratings/Features

Listed for United States & Canada

Class I, Divisions 1 & 2, Groups C, D

Class II, Divisions 1 and 2, Groups F, G

Class I Division I Inline Transformer

YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671.

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

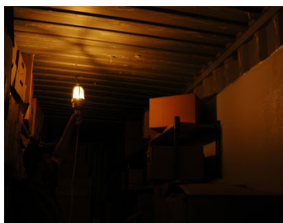
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EHL-LED-7W-240XLV-C1D1-100-2023 Explosion Proof LED Drop Light/Trouble Light is UL Listed Class 1 Division 1 & 2 Groups C and D - and is ideal for general work activities in hazardous locations requiring explosion proof protection.

This 10 watt explosion proof LED work light from Larson Electronics produces 1050 lumens of bright white light and comes complete with 100 feet of explosion proof cord, an explosion proof inline transformer and a 20 amp 6-20P explosion proof cord cap. The EHL-LED-7W-240XLV-C1D1-100-2023 LED drop light has no ballast and the housing is constructed of non sparking aluminum which results in a very

lightweight unit. This hazardous location hand lamp is Class 1, Division 1 and 2 and Class 2 Division 1 and 2 hazardous location environment approved. This explosion proof LED drop light is ideal for hazardous work areas where a ready source of easily managed lighting is desired. This LED drop light is designed with a 12 volt or 24 volt LED bulb to operate with 12VAC or 24VAC current for low voltage operation.



100 Watt Incandescent Bulb
[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



With the EHL-LED-7W
[Click Photo to Enlarge](#)

This 10 watt LED drop light is suitable for use in areas where petrochemical vapors and various dusts are present and projects 1050 lumens of light, which is twice the lumens per watt output of a 100 watt incandescent bulb. This unit is rated Class 1, Division 1 and comes complete with 100' of SOOW 16/3 AWG cord with an inline transformer ending in an E20 amp 6-20P explosion proof cord cap. The EHL-LED-120XLV series requires the stepdown transformer to be outside of the hazardous location, but with by incorporating a class 1 division 1 stepdown transformer and explosion proof plug, this entire unit is explosion proof and is able to be used within the hazardous location.

This hand lamp has a high efficiency LED bulb that requires no ballast, so the operator doesn't need to drag the ballast housing around. This can be particularly annoying when the ballast becomes entangled in the cord. This explosion proof LED hand light operates on 12 Volts AC or 24 Volts AC for low voltage operations. An included inline transformer allows this unit to plug into a standard outlet and operate from 120-240 Volts AC, then steps the current down to 12V or 24V AC for operating the lamp.

The light produced by this unit has a 6000k color temperature, which is much sharper and whiter than the light produced by incandescent lamps. The light produced by this lamp is ideal for close work and inspection activities where good contrast and true color representation is needed. The LED lamp in this unit runs much cooler than incandescent or fluorescent lamps, resulting in a lamp housing that remains cool to the touch and eliminates the accidental burns often encountered with incandescent drop lights.

Made in USA Quality

1. Federal Spec Cord.
2. Explosion Proof.
3. 10 Watt 1050 Lumen LED Lamp.
4. Rugged fabricated steel and cast aluminum construction.
5. Blue and Gray paint finish.
6. UL Class1 Div1 Class 2 Div1
7. 120-240 Volt Operation
8. SOOW cable.
9. Aluminum Hook for Convenient Placement.

Lamp Features

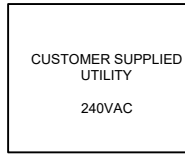
10 watt LED light produces 1050 lumens
Non-sparking aluminum housing
50,000 hour LED Lamp
Molded rubber bumper guard
Annealed glass tube shields prevent shattering
Integrated lamp shock absorbers prevent drop damage
Swivel hook for hanging and hands free operation
Explosion proof cord

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671



www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						4/29/2024
EHL-LED-7W-220XLV-C1D1 -20MX10M-CE16A-12VAC 							
8	7	6	5	4	3	2	1



1PH 240V 20A
6-20P EXP PLUG

P1-101.13

CBL1-101.13A/BLK

CBL1-101.13A/WHT

CBL1-101.13A/GRN

240VAC TO 12/24VDC POWER SUPPLY
PW1-101.13



P.E

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W3

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EXP ENCLOSURE

10W A19

LT1-101.13

CBL1-101.13/BLK

CBL1-101.13/WHT

CBL1-101.13/GRN

CBL1-101.13/GRN

CBL1-101.13/GRN

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CBL1-101.13/GRN

CBL1-101.13/GRN

CBL1-101.13/GRN

use a butt splice or a wago to make the connections

TAGS	QTY	CATALOG	DESCRIPTION
P1-101.13	1	UNV00005391	2P 250V 20A 6-20R STRAIGHT BLAGE EXPLOSION PROOF RECEPTACLE
LT1-101.13	1	UNV00013122	15 W WHITE 5600K A19 BULB STEADY BURN
PW1-101.13	1	UNV00004244	26W LED DRIVER DIMMING 0-10
W3	1	UNV00011954	3 HOLE WAGO
W2	4	UNV00009802	2 HOLE WAGO
CBL1-101.13	1	UNV00002908	12/3 SOOW CABLE
CBL1-101.13A	1	UNV00009083	CORD 16/3 SOOW UL 90C BLK CABLE

 LARSON ELECTRONICS	TITLE EHL-LED-7W-220XLV-C1D1 -20MX10M-CE16A-12VAC		
	DRAWN BY S.Desai	DATE 4/29/2024	REV A
	CHECKED BY J.Maldonado	SHEET # 1 OF 1	DRAWING # 101
	9419 E US HWY 175, KEMP, TX 75143		











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: EPL, EHL Series
Description: Explosion Proof Handlamp

Evaluated Listings:

UL: QPKX.E30252 – NEC / United States standards

UL: QPKX7.E30252 – CEC / Canada standards

ETL: Assembly under UL 1203, UL 508A – NEC / United States standards

ETL: Assembly under CSA C22.2 No. 14, No. 30, No. 25– CEC / Canadian standards

The EPL, EHL series of handlamps are certified to NEC and CEC standards for hazardous locations for:

- NEC: Class I, Divisions 1&2, Groups C & D; Class II, Divisions 1&2, Groups F & G
- CEC: Class I, Divisions 1&2, Groups C & D; Class II, Divisions 1&2, Groups F & G

The EPL, EHL Series is comprised of a 61430 series hand lamp. This handlamp contains a LED, incandescent, or compact fluorescent lamp, SOOW cord, and cord cap. The assembly may include an inline step down transformer, a molded backbone assembly, or other accessories. This assembly is built to NEC and CEC standards for hazardous locations.

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

Signature:

Name: James Thomas
Position: Operations Manager

[<- Back](#)

Product Description

Title: INDUSTRIAL CONTROL PANELS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Industrial Control Panels For General Use.

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Panels (UL-508A) and are identified with the ETL Listed Mark.

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Product Description

Title: EXPLOSION-PROOF & DUST IGNITION-PROOF ELECTRICAL EQUIPMENT FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof and Dust Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (UL-1203) and are identified with the ETL Listed Mark.

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Product Description

Title: INDUSTRIAL CONTROL EQUIPMENT
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Industrial Control Panels For General Use.
Industrial Control Panels Relating to Hazardous (Classified) Locations, Custom Industrial Control Panels.

Power Distribution System, Model Nos. MGL, MPD, MGS series;
Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

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Product Description

Title: ENCLOSURES
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Luminaires, Model Nos. EPL-48-2L-LED-SFC, EPL-24-2L-LED-SFC. for use in Hazardous Locations: Class I, Div. 1, Groups C and D T5 or T6 -20°C < Tamb < 40°C Class II, Div. 1., Groups E, F, and G; Class III Div.1 T3B -20°C < Tamb < 40°C

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Enclosures for use in Class II, Groups E, F, G Hazardous Locations (CAN/CSA-C22.2 No. 25) and are identified with the cETL Listed Mark.

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Product Description

Title: EXPLOSION-PROOF ENCLOSURES FOR USE IN CLASS I HAZARDOUS LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof Enclosures for Use in Class I Hazardous Locations (CAN/CSA-C22.2 No. 30) and are identified with the cETL Listed Mark.

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Material Safety Data Sheet

To Whom It May Concern,

The Larson Electronics LLC EPL and EHL industrial line of LED handlamps for hazardous locations 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.

The “hazardous location” and “explosion proof” are terminology for the environment where these products will be installed. This is not to be confused with “hazardous materials;” this product does not contain any hazardous materials.

The incandescent or compact fluorescent lamp (only NON LED models) installed within the light fixture requires a Material Safety Data Sheet (MSDS). The MSDS for incandescent and compact fluorescent lamps are contained in the following pages. Specific MSDS depends on lamp ordered.

Regards,

Ray Smith
Larson Electronics, LLC.



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.



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 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 be 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
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200 Franklin Square Drive
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Somerset, NJ 08875-6800
Tel: 732.563.3000

INCANDESCENT LAMPS

Page 3 of 3

SECTION 8: CONTROL MEASURES

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



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Philips Electronics North America Corporation

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Tel: 732.563.3000

Prepared: 7/98

S01-93002



Philips Lighting Company

MATERIAL SAFETY DATA SHEET

PRODUCT: Compact Fluorescent Lamps

Page 1 of 4

SECTION 1: MANUFACTURER

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



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200 Franklin Square Drive
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Tel: 732.563.3000

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 manganese. 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.

PHILIPS

QPKX.E30252 - Portable Luminaires for Use in Hazardous Locations

Portable Luminaires for Use in Hazardous Locations

See General Information for Portable Luminaires for Use in Hazardous Locations

DANIEL WOODHEAD CO

E30252

2222 WELLINGTON CT
LISLE, IL 60532 USA

Portable lighting units having lamp compartments of explosion-proof construction and sealed from terminal compartments which have provision for connection of three-conductor, flexible cord for extra hard usage.

Class I, Groups C and D; Class II, Groups F and G.

Cat. No. 1080-HZ12, 13W, 12Vac or dc (PL13 fluorescent lamp).

Cat. No. 1080-HZ, 13W, 120Vac (PL-13 fluorescent lamp).

Cat. No. 1090-HZ, 26W, 120Vac (PLC 26 W fluorescent lamp).

Cat. No. 1090-HZ12, 26W, 14.5Vac, 12Vdc. (PLC 26W fluorescent lamp).

Cat. No. 61430CFL, 25W, 120V, (A21 or smaller).

Cat. No. 61430LED, 10W, 120-250V, (A21 or smaller).

Cat. No. 61450; 21W, 120V (LED).

Cat. No. 61440-MH, 50 W metal halide (M110 lamp), 120V.

Cat. Nos. 1070-HZ35, -HZ50, -HZ70, -HZ70MH, -HZ100, may be followed by G.

Class I, Groups C and D.

Cat. No. 61430, 100W max., 250V (A21 or smaller).

Cat. Nos. 1635-6A, 1635-6B, 1635-12A, 1635-12B, 100W max., 120V (A21 or smaller).

Cat. No. 1655-12, Class 2 LED Module

Cat. No. 1070-HZ150.

Class II, Groups F and G.

Cat. No. 61430, 75W (A21 or smaller) max.250V.

Cat. Nos. 1635-6A, 1635-6B, 1635-12A, 1635-12B, 75W (A21 or smaller) max., 120V.

Cat. No. 1655-12, Class 2 LED Module

Class I, Groups C and D; Class II, Group F.

Cat. No. 1070-HZ.

Last Updated on 2015-12-02

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manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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QPKX7.E30252 - Portable Luminaires for Use in Hazardous Locations Certified for Canada

Portable Luminaires for Use in Hazardous Locations Certified for Canada

See General Information for Portable Luminaires for Use in Hazardous Locations Certified for Canada

DANIEL WOODHEAD CO

E30252

2222 WELLINGTON CT

LISLE, IL 60532 USA

Class I, Groups C and D.**Class II, Groups F and G.**

Cat. No. 61450; 21W, 120V (LED).

Cat. No. 1655-12, Class 2 LED Module

Last Updated on 2015-12-02

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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: EPL, EHL Series
Description: Explosion Proof Handlamp

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 EPL, EHL 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



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: EPL, EHL Series
Description: Explosion Proof Handlamp

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



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: EPL, EHL Series
Description: Explosion Proof Handlamp

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

Frequently Asked Questions (FAQ)