

## EPL-SL-10-220V

**Explosion Proof Incandescent String Lights - 10 Drop Lights - Class I & II, Div. I - 220Volts, 50Hz**

**Product ID: 47521**



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-SL-10-220V

Listing: United States

Dimensions- Each Lamp: L-16.5" Diam-5"

Total Watts: 1000, 750, or 260 Depending on Lamps

Single Lamp Watt: 26, 75 or 100 watts

Voltage: Std-120VAC-60Hz, 220VAC-50Hz, or 240VAC-60Hz

Amps: 8.34 (100W), 6.25 (75W), or 2.17 (26W) @ 120V AC

Mounting: Handheld / Hanging via Aluminum Hooks

Wiring: 115' 14/3 SOOW Cable - 10' between lamps - 25' input whip

Total Length: 115'

Cord Cap: 6-20 Explosion Proof Plug

Single Lamp Weight: 5lbs

Total Weight: 90lbs

### U.L. Ratings

Class 1, Division 1, Groups C, D (100W)

Class 1, Division 2, Groups C, D (100W)

Class 2, Division 1, Groups, F, G (75W)

Class 2, Division 1, Groups, F, G (75W)

Class 1, Zone 1, Group IIB

NEMA 4X

### 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](mailto:sales@larsonelectronics.com)

## **Made in the USA**

**The Larson Electronics EPL-SL-10-220V Explosion Proof String Light set is approved Class 1 Division 1 Groups C and D - and is ideal for general close work and inspection activities in hazardous locations requiring explosion proof protection.**

[Click here to see the LED version of this light](#)

This explosion proof string light set from Larson Electronics contains a total of ten 75 watt or 100 watt work lights depending upon configuration, equipped with aluminum hooks and connected in series along 90 feet of 14/3 SOOW explosion proof cord. A molded T junction is mounted every ten feet, with 3 feet of 16/3 SOOW cord connecting a single drop light to the backbone. The cord on this unit is terminated with a Class 1, Division 1 explosion proof plug for complete protection.

With this arrangement, each drop light cannot spark if pulled apart or dragged. An 25 foot tail section of main SOOW cord is included to allow ample length for connection to power sources.



100 Watt Incandescent Bulb

[Click Photos to Enlarge](#)



Molded T Connector w/ Hook Ring

[Click Photos to Enlarge](#)



25' whip w/ EXP Plug

[Click Photos to Enlarge](#)

This unit incorporates ten explosion proof hand lamps connected in series and is suitable for use in areas where petrochemical vapors and various dusts are present. The machined aluminum housings, cast aluminum guard, tempered glass lamp globe, and abrasion resistant cord make this a very durable unit that will resist damage from chemicals, abrasion, vibrations and impacts. This string lighting solution will provide the lighting you require in a flexible, easy to manage configuration. The hand lamps can be moved around and hooked to different points on your scaffold. The lights, however must remain within 10 feet of one other. Each molded T section contains a hook eyelet, allowing operators to suspend the entire backbone off the ground and out of the work space.

[Click Photo to Enlarge](#)



6-20 Straight Blade Plug

This stringer light set is Class 1, Division 1 rated for Groups C and D with the 100 watt bulb option and Class II, Division 1 Groups F and G with a 60 Watt bulb maximum for compliance to the Class 2 rating. This unit is configured for operation with 220V 50/60Hz. A 25' input whip terminated in an explosion proof cord cap completes the explosion proof protection of this string light. Cord cap included with this explosion proof string light is a 20 amp straight blade plug for use with 220-240V explosion proof outlets.

#### Stringer Energy Consumption Comparison

|                                             | <u>Incandescent</u> | <u>CFL</u>  | <u>LED</u>   |
|---------------------------------------------|---------------------|-------------|--------------|
| Wattage                                     | 1000 watts          | 260 watts   | 100 watts    |
| Amp Draw @ 120V AC                          | 8.34 amps           | 2.17 amps   | 0.84 amps    |
| Amp Draw @ 277V AC                          | 3.61 amps           | 0.94 amps   | 0.36 amps    |
| Amp Draw @ 12V DC                           | 83.34 amps          | 21.67 amps  | 8.34 amps    |
| Amp Draw @ 24V DC                           | 41.67 amps          | 10.84 amps  | 4.17 amps    |
| Lamp Life Expectancy                        | 1,500 hours         | 8,000 hours | 50,000 hours |
| Color Temperature                           | 2800K               | 4300K       | 6000K        |
| Operation cost per year (8hs/day @ 11c/kWh) | \$321.2             | \$83.52     | \$32.12      |

#### Made in USA Quality

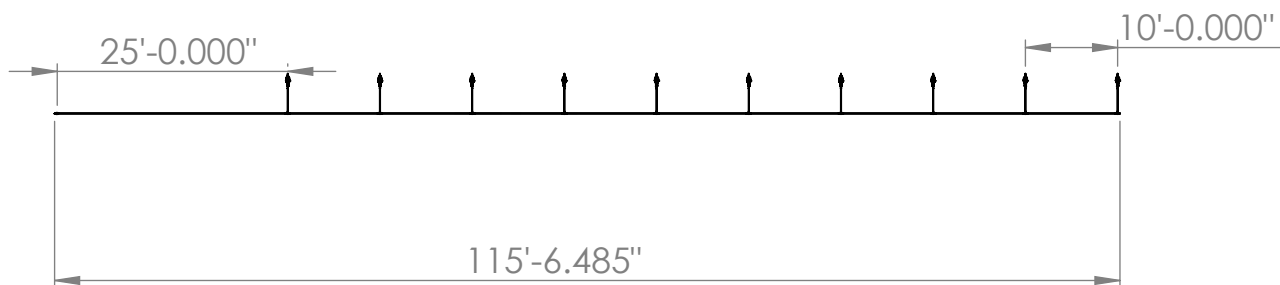
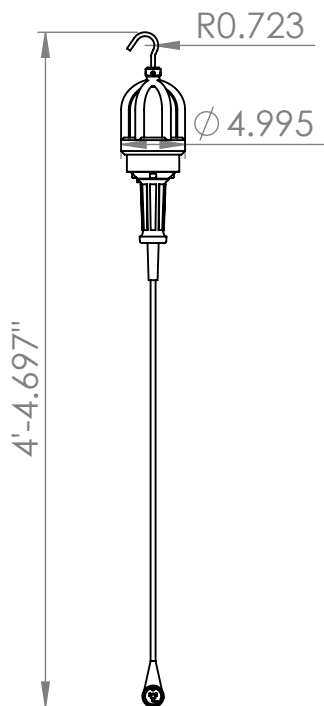
1. Federal Spec Cord.

#### Lamp Features

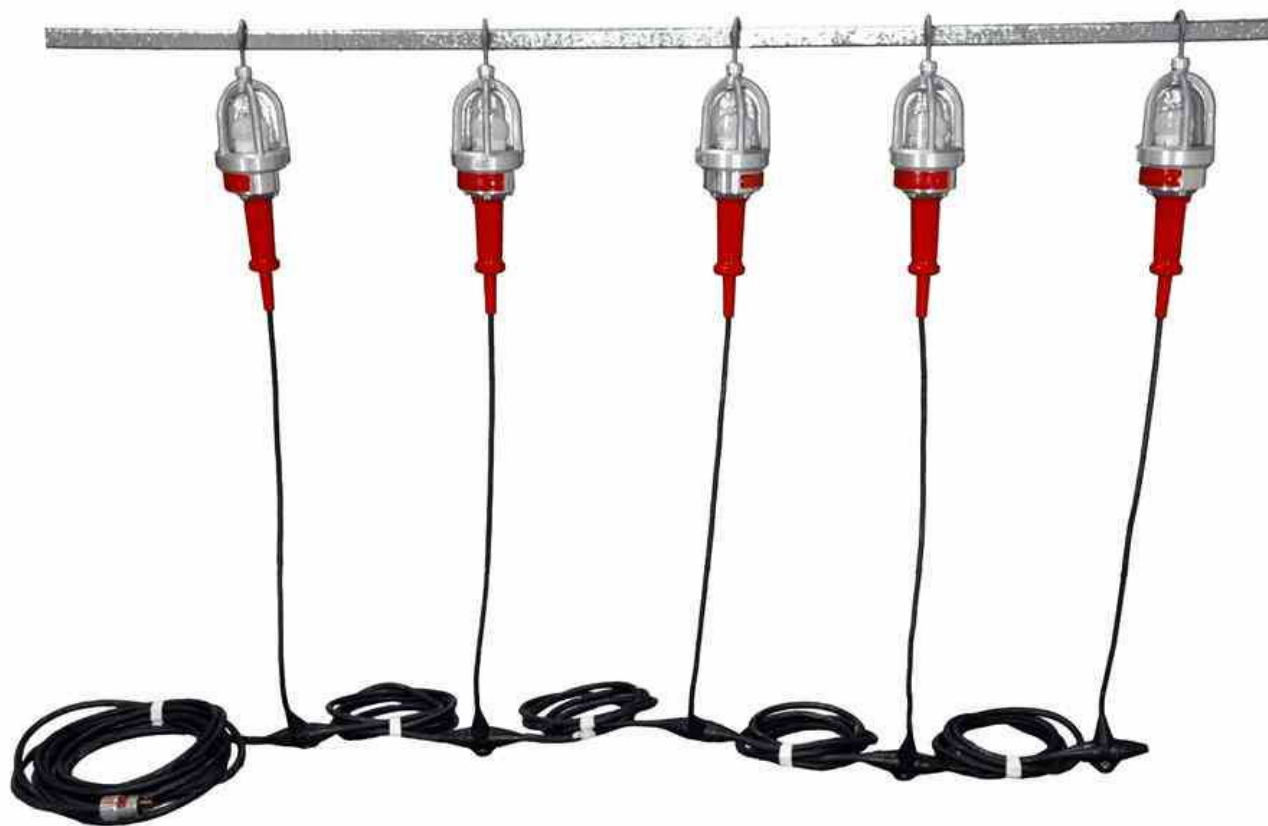
Up to 1000 watts of illumination

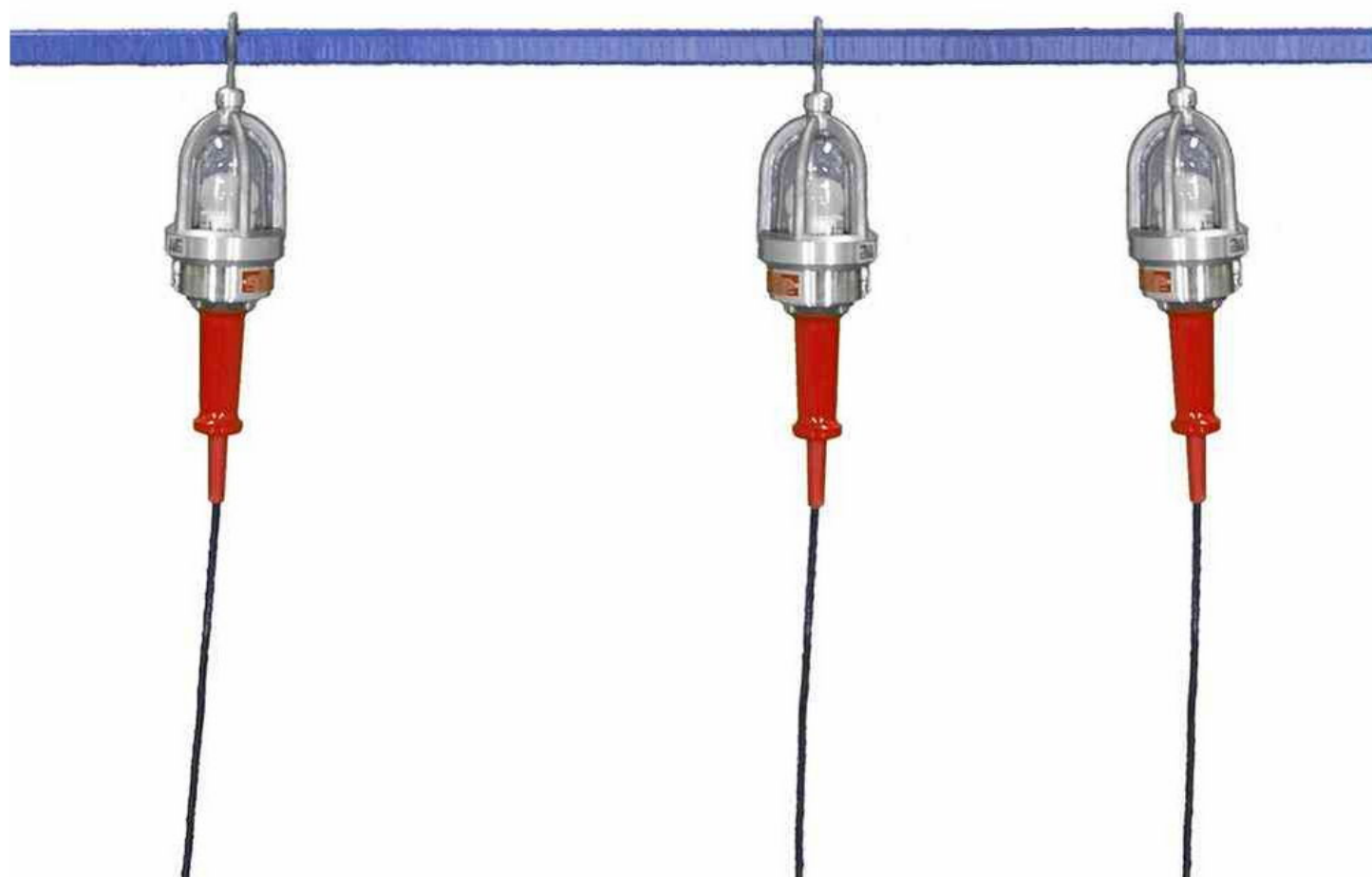
- 2. Explosion Proof.
- 3. Total of 10- 100 watt, 75 watt or 26 Watt Lamps.
- 4. Non-sparking aluminum construction.
- 5. UL Class 1 Div 1 Class 2 Div1
- 7. 220VAC Operation
- 8. SOOW cable.
- 9. Aluminum Hooks for Convenient Placement.

Non-sparking aluminum housings  
Light weight mold T Junctions  
Cast aluminum guard prevent lamp or globe damage  
Tempered Soda-Lime Glass Lamp Globe  
Integrated lamp shock absorbers prevent drop damage  
Swivel hook for hanging and hands free operation  
14/3 SOOW Abrasion Resistant Cable













## 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

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## 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

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### MATERIAL SAFETY DATA SHEET

**PRODUCT: INCANDESCENT LAMPS**

**Revised: 6/01**

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#### **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

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#### **SECTION 2: HAZARDOUS INGREDIENTS**

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

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

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#### **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.

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#### **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.

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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.

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**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.

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**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.

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200 Franklin Square Drive  
P.O. Box 6800  
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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Tel: 732.563.3000

Prepared: 7/98

S01-93002



## Philips Lighting Company

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### MATERIAL SAFETY DATA SHEET

### PRODUCT: Compact Fluorescent Lamps

Page 1 of 4

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#### 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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Philips Electronics North America Corporation

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Somerset, NJ 08875-6800  
Tel: 732.563.3000

**SECTION 2: HAZARDOUS INGREDIENTS**

|                             | OSHA (PEL)<br>mg/m <sup>3</sup> | ACGIH (TLV)<br>mg/m <sup>3</sup> | % 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.

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**SECTION 4: FIRE AND EXPLOSION DATA**

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

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**SECTION 5: REACTIVITY DATA**

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

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## **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.

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

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## **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.

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## **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.

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**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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# 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

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### 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)**