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

EPL-24-2L-LV-SOL-50-EX.ILS-DNMS

Solar Powered Explosion Proof LED Lighting - 2 Foot 2 Lamp Fixture - C1D1 -Day/Night & Motion Sensor, Inline Switch

Product ID: 285463



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-24-2L-LV-SOL-50-EX.ILS-DNMS Explosion Proof Solar Powered Light

Solar Panel Specs:

Solar Panel Dimensions: W-11 3/8" L-15 3/4" D-1"
Voltage: 12V DC
Runtime: 10 Hours
Charging Time: 5 Hours

Battery: (2) 8aH sealed lead acid batteries

Explosion Proof Inline Switch: Included with Seal Offs and Sealing Compound (Compound Not Poured)

Cord: 40' Cord Between Solar Panel and Switch, 10' Cord Between Switch to Light

LED Light Ratings/Approvals

Class I Division 1, Groups C and D
Class I Division 2, Group A,B,C,D
Class II Division 1 & 2, Groups E, F and G
NRTL Certified to UL 844
NRTL Certified to UL 1598 Marine Type
NRTL Certified to UL 595 Outdoor Marine Type (Saltwater)
NRTL Certified to UL Certified- U.S./Canadian Safety Standards

Lamp Specs:

Listing: NRTL Listed for United States and Canada

Lamp Technology: LED

Lamp Dimensions: W-11.25" L-27.5" H-8.5 "

Weight: -

Voltage: 12V DC

Total Watts: 28W

Total Lumens: 3,500 lms

Luminous Efficacy: -

Lamp Life: 50,000+ Hours

Color Temp: 5300K

Color Rendering Index: -

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

Beam Angle: 150°

Lighting Configuration: Flood Pattern

Sensor Type: Day/Night Motion (Mounted on Solar Panel)

Sensor Override: On/Off Switch

Amps: -

Operating Temp: -40°C to +65°C

Operating Temp Rating: -

Housing Material: Non-sparking

Housing Finish: -
Lens Material: -

Gasket Material: -

Mounting: Bracket Standard - Pendant Optional

Wiring: 50' SOOW Cable

Wiring Hub: 1/2" NPT

Special Orders- Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPL-24-2L-LV-SOL-50-EX.ILS-DNMS Explosion Proof Solar Powered LED Light Fixture is Class I, Division 1 and Class II, Division 1 rated, serving as an ideal lighting solution for remote areas and standalone applications where connection to external power is either impractical or unavailable. The EPL-24-2L-LV-SOL-50-EX.ILS-DNMS features a day/night sensor and a motion sensor for further versatility and an explosion proof inline switch for overriding the sensor. The solar panel must be installed outside of the hazardous location.

This 2 foot long, 2 LED tube, explosion proof solar light fixture is ideal for use in remote locations requiring powerful yet compact hazardous location lighting that will improve overall illumination levels and light quality while reducing operating costs. This explosion proof LED light is powered by two 8aH sealed lead acid batteries that are recharged by a 30 watt solar panel.

This solar panel is equipped with a day/night sensor and motion sensor. The day/night and motion sensor is programmed to activate the solar panel in the evening and to shut it off during the day while the motion sensor will activate the panel upon detecting motion. An included explosion proof inline on/off switch is available for overriding the day/night motion sensor. The switch features seal offs and sealing compound. The compound is not poured and requires final assembly on the field. There is a 40-foot cord between the solar panel and switch, as well as a 10-foot cord between the switch and light.

The light runs for 10 hours when the battery is fully charged. Charging time for the battery bank is 5 hours when exposed to direct sunlight. Indirect sunlight will extend the charge time. As with all solar powered equipment, charging time is affected by the amount of available ambient light. When ambient light levels drop below a certain level, such as on cloudy days, the unit will not recharge as quickly. The lead acid battery pack is contained within the solar panel, not the light.

Click here for dimensional drawings for this explosion proof light.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

The EPL-24-2L-LV-SOL-50-EX.ILS-DNMS is equipped with specially designed LED T-series bulbs which produce 15% more illumination at 8 feet as compared to standard T8 lamps when measured with a light meter. Our LED-T series bulbs are visibly brighter than standard T8s and have consistently surprised many of our customers with their unexpectedly high light output levels. This LED explosion proof fixture is lighter in weight, has a slimmer profile and produces more light than traditional explosion proof fluorescent fixtures. The 2 foot long T17 style LED tube design bulbs included with this unit are rated at 50,000+ hours of service life, which is nearly twice as long as standard T8 bulbs.

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.

We have eliminated the ballast box normally associated with fluorescent fixtures which reduces overall weight, creates a slimmer unit profile, and helps this LED fixture maintain a T-6 temperature rating. The solid state design of the LED lamps give this fixture superior resistance to damage from vibrations and extremes in temperature as well as a lamp service life over twice that of standard T8 bulbs. The 14 watt LED lamps produce more illumination than standard T8 bulbs. The LED bulbs used in this fixture are our new second generation LED T series 14 watt T17 style lamps which produce 15% more light than standard T8 bulbs when measured from eight feet. This fixture is operates on 12V DC for use with the low voltage solar panel. The fixture ships with 50 feet of SOOW cable and custom lengths are available upon request. Please contact us for special requirements.

NOTE: Larson Electronics has further upgraded the options available with this light. We expect the light to be mounted separately from the panel. This means the solar panel can be mounted in direct sunlight (not in the hazardous area) while the light is mounted in a hazardous area workspace. Standard installation for explosion proof lighting, including threaded rigid pipe to the LED light fixture and appropriate seal-offs, etc. are required.

Additional Mounting Options: Unless otherwise specified, our standard, most popular configuration is the bracket end mounting shown above. We also offer a pendant mount for those needing to suspend the fixture away from the ceiling surface (i.e. suspend from pipe or conduit).

Standard Bracket Mounts: Each bracket is cinched to the bracket mounting peg on each side of the light. The angle of the bracket is set by tightening two cap screws on

either side of the bracket. The cap screws act as a set screw. The bracket itself is mounted via a single bolt hole at the top of the bracket. There are two brackets, one on each end of the light. Once the brackets are mounted to a surface (ceiling, floor or wall), the light fixture can be removed from the brackets by loosening the cap screws that hold the bracket to the mounting peg. The pictures shown above illustrate the side brackets. The third picture enlarged below also shows the brackets at the both ends of the light.

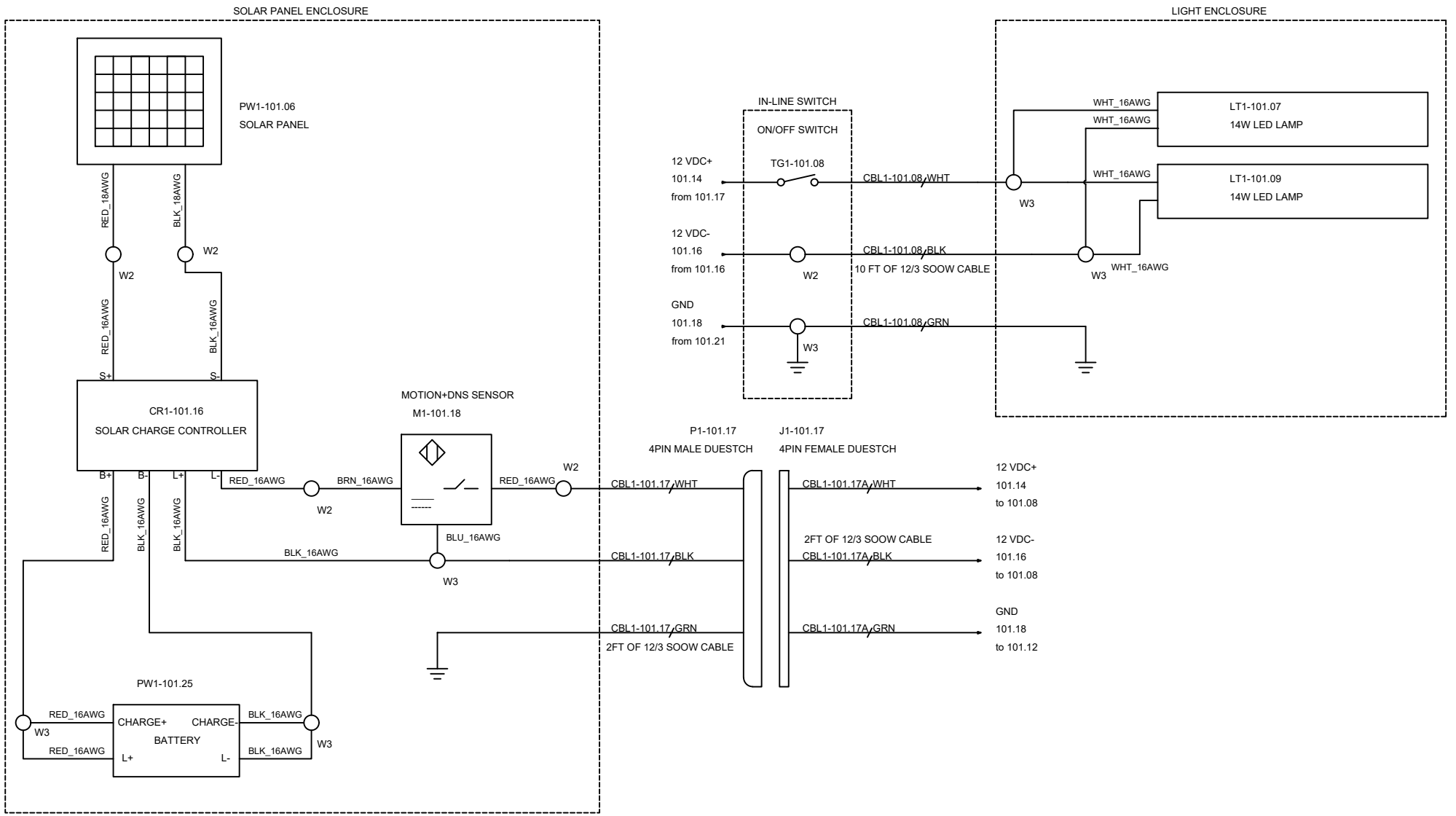
Suggested Applications: Paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, gas processing plants, chemical manufacturing, waste treatment plants, gas processing plants.

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	2/5/2024

EPL-24-2L-LV-SOL-50-EX.ILS -DNMS-SFC

LARSON ELECTRONICS®



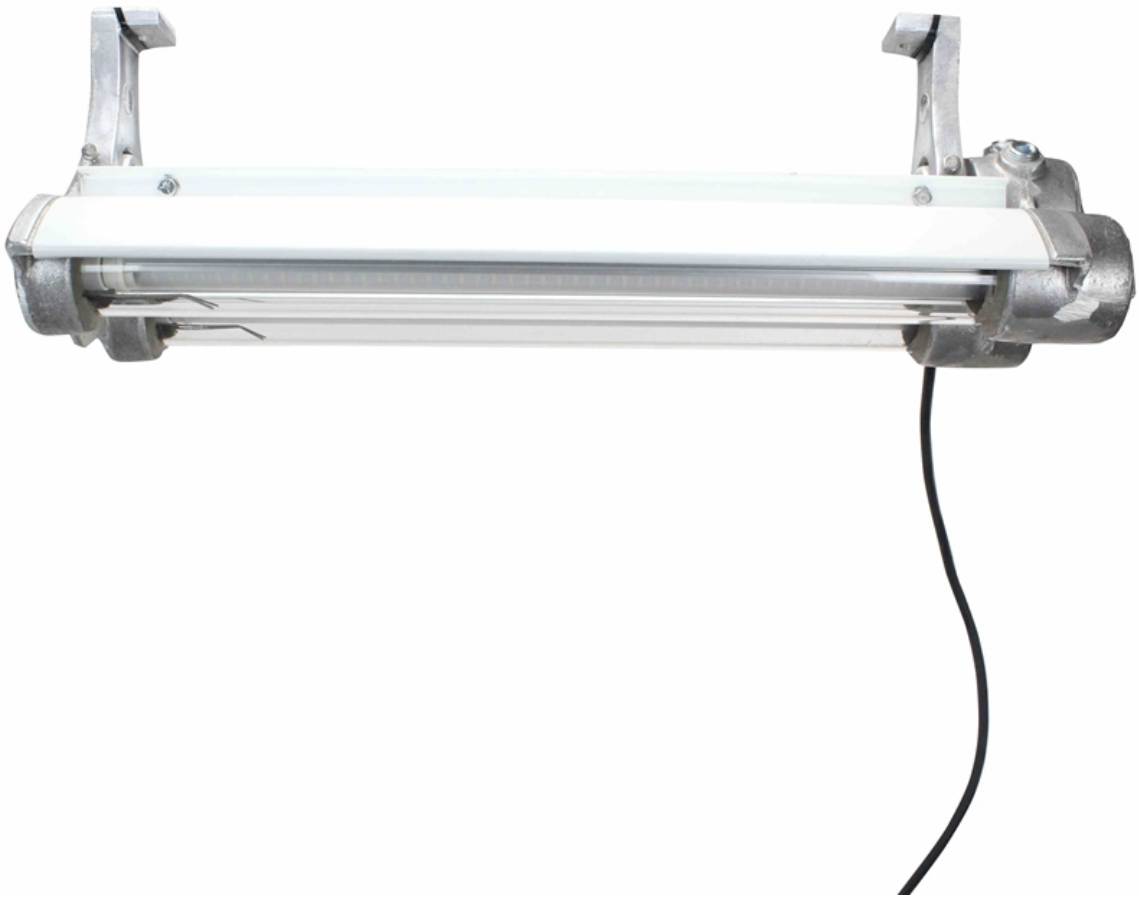
LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE EPL-24-2L-LV-SOL-50-EX.ILS -DNMS-SFC		
	DRAWN BY S.Desai	DATE 2/5/2024	REV A
	CHECKED BY J.Maldonado	SHEET # 1 OF 2	DRAWING # 101

TAGS	QTY	CATALOG	DESCRIPTION
J1-101.17	1	UNV00005485	DEUTSCH RECEPTACLE, 4PIN, SIZE 12 INLINE DTP SERIES
P1-101.17	1	UNV00005487	DEUTSCH PLUG, 4PIN,SIZE 12 INLINE DTP SERIES
LT1-101.09	1	UNV00004296	2FT 2LED LAMPS C1D1 LOW VOLTAGE SURFACE MOUNT 12/24V
LT1-101.07	2	UNV00008101	14W 2F T8 LED TUBE 5600K
M1-101.18	1	UNV00003182	12V PIR MOTION SENSOR
PW1-101.06	1	UNV00001328	SOLAR PANEL 30W
PW1-101.25	1	UNV00011977	40AH BATTERY LITHIUM ION
CR1-101.16	1	UNV00012607	10A SOLLAR CONTROLLER
TG1-101.08	1	UNV00005436	1P 20A EXP PROOF TUMBLER SWITCH
W2	5	UNV00009802	2 HOLE WAGO
W3	6	UNV00011954	3 HOLE WAGO
CBL1-101.08 CBL1-101.17 CBL1-101.17A	3	UNV00002908	12/3 SOOW CABLE

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

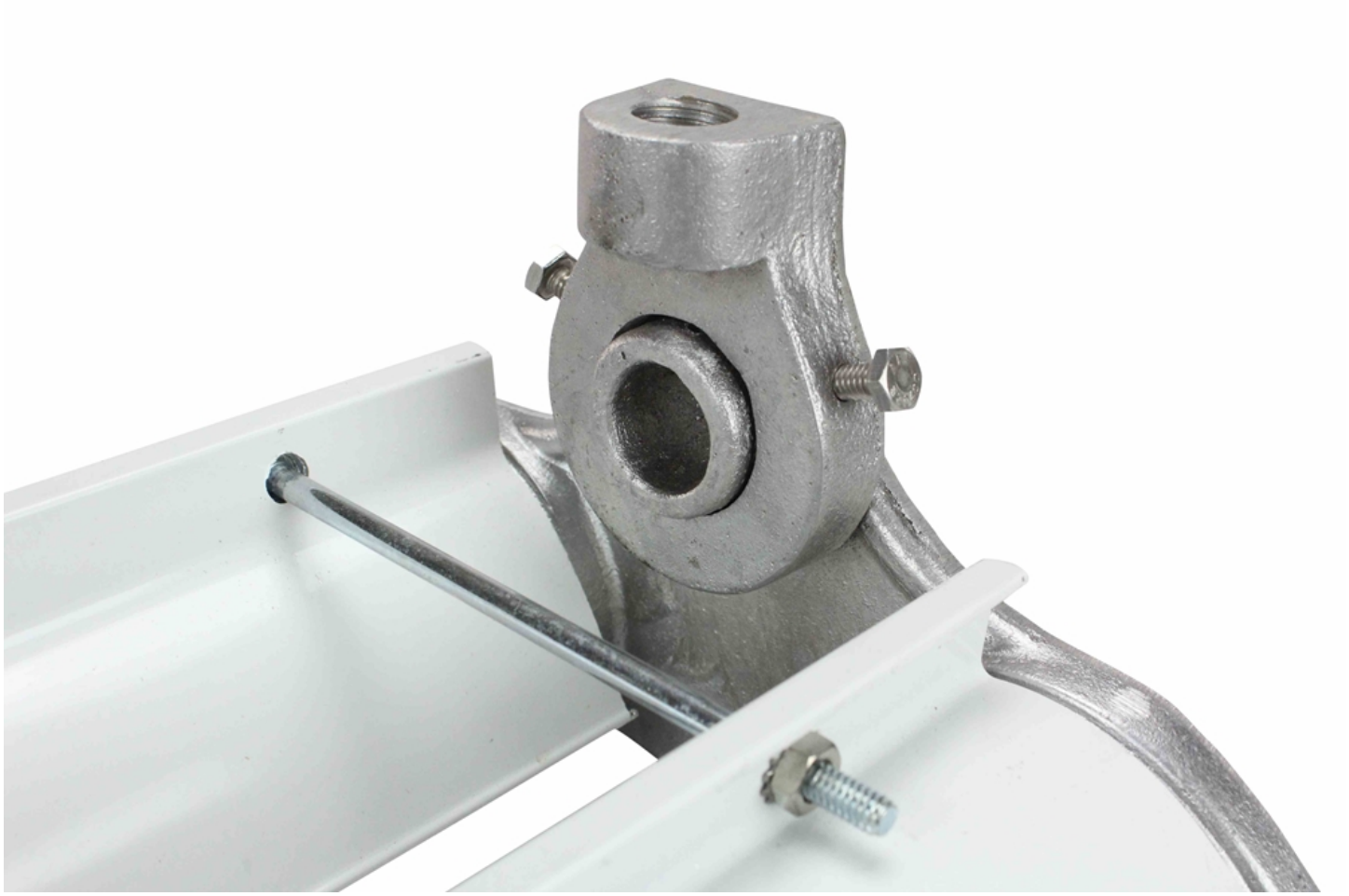
TITLE: EPL-24-2L-LV-SOL-50-EX.ILS-DNMS-SFC

DRAWN BY	DATE	REV
S.Desai	2/5/2024	A
CHECKED BY	SHEET #	DRAWING #
J.Maldonado	2 OF 2	102









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-24-2L-LV-SOL-50-EX.ILS-DNMS
Description: Explosion Proof Solar LED Light

Evaluated Listings:

ETL: UL 844 NEC / United States standards for Electric Lighting Fixtures for use in Hazardous (Classified) Locations
ETL: UL 1598 NEC / United States standards for Luminaires
ETL: CAN/CSA-C22.2 No. 137 CEC / Canada standards for Electric Lighting Fixtures for use in Hazardous (Classified) Locations
ETL: CAN/CSA-C22.2 No. 250 CEC / Canada standards for Luminaires
ETL: UL 1203 NEC / United States standards for Explosion Proof & Dust Ignition Proof Electrical Equipment for use in Hazardous Locations
ETL: CSA C22.2 No. 30 CEC / Canada standards for Explosion Proof & Dust Ignition Proof Electrical Equipment for use in Hazardous Locations

The EPL-24-2L-LV-SOL-50-EX.ILS-DNMS is certified to NEC & CEC standards for hazardous locations for:

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

The EPL-24-2L-LV-SOL-50-EX.ILS-DNMS is comprised of a Larson Electronics EPL-24-2L-LED LED light fixture, Killark XS series switch and Killark SWB series device box, and Larson Electronics LLC weatherproof remote solar panel assembly. This assembly is built to NEC & CEC standards for hazardous locations for the light and switch assembly. The solar panel must be mounted outside of hazardous (classified) locations.

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

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

intertek
Total Quality. Assured.



<- 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.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.



<- Back

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.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email
etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.

<- Back

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.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email
etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.

<- Back

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.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.



<- Back

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.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email
etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.

<- Back

Product Description

Title: ELECTRIC LIGHTING FIXTURES FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): Magna Light., EPL.

LED Flood Light, Model Nos. EPLC2-HB-150LED-RT, EPLC2-LED-150W-RT, EPLC2-WPLED-150W-RT, EPLC2-HB-150LED-RT-48, EPLC2-HB-100LED-RT, EPLC2-HB-100LED-RT-UVA, EPL-HB-150LED-RT, EP-LED-150W-RT, EPL-WPLED-150W-RT, EPL-HB-150LED-RT-48, EPL-HB-100LED-RT, EPL-HB-100LED-RT-UVA, AL-12-IPS-LED-1224DC, HAL-24-IPS-LED-1224DC, HAL-36-IPS-LED-1224DC, HAL-48-IPS-LED-1224DC; followed by -UVA, -UVB, -UVC, -IR, -C, -VISUV, -VISIR, -VISRED, -VISBLU, -VISGRN, -VISAMB, -27K, -30K, -40K, -45K, -50K, -55K, -56K, -60K, -65K, -DAYLIGHT, -750NM, -770NM, -850NM, -940NM, -1550NM, -RED, -BLU, -GRN, -AMB, or -PRPL.

LED Fixed Lighting suitable for used in Class I, Division 1, Groups C, D. Class I, Division 2, Groups A, B, C & D, T6, -25°C to +40°C., Model Nos. EPL-LP-12-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-48-LED-SFC.LED Fixed Lighting suitable for used in Class I Division 1 Group B C and D, Class I Division 2 Group A B C and D, Class II Division 1 Group E F and G, Class II Division 2 Group F and G and Class III hazardous locations, T6, -25°C to +40°C., Model Nos. EPL-HB-100LED-RT, EPL-HB-150LED-RT, EPL-HB-200LED-RT, EPL-HB-240LED-RT, EPL-HB-300LED-RT.

LED Light, Model Nos. HAL-7W-LED-XX-Y-ZZZ, HAL-XX-YYY-LED-XX-T-ZZZZ, HAL-31L-LV-XX-Y-ZZZZ, HAL-60W-HV-XX-Y-ZZZZ.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

Luminaires, Model Nos. HALSS; followed by EM; followed by 48; followed by 2L; followed by LED. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: 0°C < Tamb < 40°C, T4.

Luminaires, Model Nos. HALS; followed by 48; followed by 2L, 4L or 6L; followed by T8,T5HO,LED or LEDT8; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D Class II Division 2, Groups F and G -20°C < Tamb < 40°C, T3A, T3B, T3C, T5 or T6.

Luminaires, Model Nos. HALSS; followed by 48; followed by 2L; followed by LED, LEDT8,26 or 46; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: -20°C < Tamb < 40°C IR2-4-2-26: T6 IR2-4-2-46: T3C IR2-4-2-LEDT8 and IR2-4-2-LED: T4.

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

Luminaires, Model Nos. HALP; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,LED or LEDT8. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: 0°C < Tamb < 40°C, T4.

Luminaires, Model Nos. HAL; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,T12,T12HO, LEDT8 or LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: 0°C < Tamb < 40°C, T4.

Luminaires, Model Nos. EPL; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,T12,T12HO, LEDT8 or LED; followed by SFC. For use in: Hazardous Locations Class I, Division 1, Groups C and D, Class II, Division 1, Groups E, F, G, Class III.

LED Luminaire for use in Class I, Division 1&2, Groups C&D, T5 Hazardous Location, Model Nos. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1227 or -1224; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM, -CLG; followed by -1347 or -347V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM, -CLG; followed by -3480 or -480V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K.

Luminaires, Model Nos. HAL-48-1L-LED-BMSW, HAL-48-2L-LED-BMSW, HAL-48-3L-LED-BMSW, HAL-24-1L-LED-BMSW, HAL-24-2L-LED-BMSW, HAL-24-3L-LED-BMSW. For use in Hazardous Locations, Class I, Division 2, Groups A, B, C and D; T3C, T4A or T5 -20°C < Tamb < 40°C.

Luminaires, EPL, Model Nos. EPL-24-2L-T8-SFC, EPL-24-2L-T5-SFC, EPL-48-2L-T8- SFC, EPL-48-2L-T5H0-SFC, EPL-48-4L-T8-SFC, EPL48-4L-T5HO, EPL-24-216-SFC, EPL-48-216-SFC. For use in: Hazardous Locations Class I, Division 1, Groups C and D, T5, T6 Class II, Division 1, Groups E, F, and G, T3B Class III

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

Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -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 Electric Lighting Fixtures for Use in Hazardous (Classified) Locations (UL-844) and are identified with the ETL Listed Mark.

<- Back

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.

<- Back

Product Description

Title: LUMINAIRES

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): Magna Light, EPL.

Fixed Luminaires, Model Nos. EPL-HB-100LED-RT, EPL-HB-150LED-RT, EPL-HB-200LED-RT, EPL-HB-240LED-RT, EPL-HB-300LED-RT, EPL-EMG-LB-100LED-RT, EPL-EMG-LB-150LED-RT, EPL-EMG-LB-200LED-RT.

LED Flood Light, Model Nos. EPLC2-HB-150LED-RT, EPLC2-LED-150W-RT, EPLC2-WPLED-150W-RT, EPLC2-HB-150LED-RT-48, EPLC2-HB-100LED-RT, EPLC2-HB-100LED-RT-UVA, EPL-HB-150LED-RT, EPL-LED-150W-RT,
EPL-WPLED-150W-RT, EPL-HB-150LED-RT-48, EPL-HB-100LED-RT, EPL-HB-100LED-RT-UVA.

LED Light, Model Nos. HAL-7W-LED-XX-Y-ZZZ, HAL-XX-YYY-LED-XX-T-ZZZZ, HAL-31L-LV-XX-Y-ZZZZ, HAL-60W-HV-XX-Y-ZZZZ.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

Luminaires, Model Nos. HALS; followed by 48; followed by 2L, 4L or 6L; followed by T8,T5HO,LED or LEDT8; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D Class II Division 2, Groups F and G -20°C < Tamb < 40°C, T3A, T3B, T3C, T5 or T6.

Luminaires, Model Nos. HALSS; followed by 48; followed by 2L; followed by LED, LEDT8,26 or 46; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: -20°C < Tamb < 40°C IR2-4-2-26: T6 IR2-4-2-46: T3C IR2-4-2-LEDT8 and IR2-4-2-LED: T4.

Luminaires, Model Nos. HAL-48-1L-LED-BMSW, HAL-48-2L-LED-BMSW, HAL-48-3L-LED-BMSW, HAL-24-1L-LED-BMSW, HAL-24-2L-LED-BMSW, HAL-24-3L-LED-BMSW. For use in Hazardous Locations, Class I, Division 2, Groups A, B, C and D; T3C, T4A or T5 -20°C < Tamb < 40°C.

Luminaires, EPL, Model Nos. EPL-24-2L-T8-SFC, EPL-24-2L-T5-SFC, EPL-48-2L-T8- SFC, EPL-48-2L-T5H0-SFC, EPL-48-4L-T8-SFC, EPL48-4L-T5HO, EPL-24-216-SFC, EPL-48-216-SFC. For use in: Hazardous Locations Class I, Division 1, Groups C and D, T5, T6 Class II, Division 1, Groups E, F, and G, T3B Class III

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

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

-20°C < Tamb < 40°C Class II, Div. 1., Groups E, F, and G; Class III Div.1 T3B -20°C < Tamb < 40°C

Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -20°C < Tamb < 40°C.

Surface-mounted Luminaire, Model Nos. EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC.

Wall mounted luminaire, Model Nos. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1227 or -1224; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1347 or -347V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -3480 or -480V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K.

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 Luminaires (UL-1598) and are identified with the ETL Listed Mark.

<- Back

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

<- Back

Product Description

Title: LUMINAIRES - MARINE VESSELS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): EPL.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

Luminaires, Model Nos. HALP; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,LED or LEDT8. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: 0°C < Tamb < 40°C, T4.

Luminaires, Model Nos. HAL; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,T12,T12HO, LEDT8 or LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: 0°C < Tamb < 40°C, T4.

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.

Luminaires, EPL, Model Nos. EPL-24-2L-T8-SFC, EPL-24-2L-T5-SFC, EPL-48-2L-T8- SFC, EPL-48-2L-T5H0-SFC, EPL-48-4L-T8-SFC, EPL48-4L-T5HO, EPL-24-216-SFC, EPL-48-216-SFC. For use in: Hazardous Locations Class I, Division 1, Groups C and D, T5, T6 Class II, Division 1, Groups E, F, and G, T3B Class III.

Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -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 Supplemental Requirements for Luminaires for Installation on Marine Vessels (UL-1598A) and are identified with the ETL Listed Mark.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

CERTIFICATE OF COMPLIANCE

Certificate Number	20180111-E10501
Report Reference	E10501-19660802
Issue Date	2018-JANUARY-11
Issued to:	KILLARK, DIV OF HUBBELL INC (DELAWARE) 3940 MARTIN LUTHER KING DR ST LOUIS, MO 63113 USA
This is to certify that representative samples of	Snap Switches for Use in Hazardous Locations (See Addendum Page.)
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 1203, Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.
Additional Information:	See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

CERTIFICATE OF COMPLIANCE

Certificate Number	20180111-E10501
Report Reference	E10501-19660802
Issue Date	2018-JANUARY-11

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum –

USL - Series XS snap switches and FXS factory sealed snap switches for use in hazardous locations, Class I, Groups C and D, and Class II, Groups E, F, and G with the following designations and ratings.

Cat. Nos. XS-1 through -14, -17 through -21, and -41 through -46, or FXS-1 through -12, with Suffix 1C, 2C, 3C, 4C, 5C, 6C, 7C, 8C, 9C, 1D, 2D, 3D, 5D, 7D, 1T, 2T, 3T, or 4T. The suffix may be repeated up to five times for XS Series and one suffix for FXS Series.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

intertek
Total Quality. Assured.

<- Back

Product Description

Title: ELECTRIC LUMINAIRES FOR USE IN HAZARDOUS LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): Magna Light.

LED Flood Light, Model Nos. EPLC2-HB-150LED-RT, EPLC2-LED-150W-RT, EPLC2-WPLED-150W-RT, EPLC2-HB-150LED-RT-48, EPLC2-HB-100LED-RT, EPLC2-HB-100LED-RT-UVA, EPL-HB-150LED-RT, EP-LED-150W-RT, EPL-WPLED-150W-RT, EPL-HB-150LED-RT-48, EPL-HB-100LED-RT, EPL-HB-100LED-RT-UVA, HAL-12-IPS-LED-1224DC, HAL-24-IPS-LED-1224DC, HAL-36-IPS-LED-1224DC, HAL-48-IPS-LED-1224DC; followed by -UVA, -UVB, -UVC, -IR, -C, -VISUV, -VISIR, -VISRED, -VISBLU, -VISGRN, -VISAMB, -27K, -30K, -40K, -45K, -50K, -55K, -56K, -60K, -65K, -DAYLIGHT, -750NM, -770NM, -850NM, -940NM, -1550NM, -RED, -BLU, -GRN, -AMB, or -PRPL.

LED Fixed Lighting suitable for used in Class I, Division 1, Groups C, D. Class I, Division 2, Groups A, B, C & D, T6, -25°C to +40°C., Model Nos. EPL-LP-12-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-48-LED-SFC.LED Fixed Lighting suitable for used in Class I Division 1 Group B C and D, Class I Division 2 Group A B C and D, Class II Division 1 Group E F and G, Class II Division 2 Group F and G and Class III hazardous locations, T6, -25°C to +40°C., Model Nos. EPL-HB-100LED-RT, EPL-HB-150LED-RT, EPL-HB-200LED-RT, EPL-HB-240LED-RT, EPL-HB-300LED-RT.

LED Light, Model Nos. HAL-7W-LED-XX-Y-ZZZ, HAL-XX-YYY-LED-XX-T-ZZZZ, HAL-31L-LV-XX-Y-ZZZZ, HAL-60W-HV-XX-Y-ZZZZ.

LED Luminaire for use in Class I, Division 1&2, Groups C&D, T5 Hazardous Location, Model Nos. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1227 or -1224; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM, -CLG; followed by -1347 or -347V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM, -CLG; followed by -3480 or -480V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

Luminaires, Model Nos. EPL; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,T12,T12HO, LEDT8 or LED; followed by SFC. For use in: Hazardous Locations Class I, Division 1, Groups C and D, Class II, Division 1, Groups E, F, G, Class III.

Luminaires, Model Nos. EPL-48-2L-LED-SFC, EPL-24-2L-LED-SFC. for

Contact Us
ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center
Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News
Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

	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. Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -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 Electric Luminaries for Use in Hazardous Locations (CAN/CSA-C22.2 No. 137) and are identified with the cETL Listed Mark.

<- Back

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.

<- Back

Product Description

Title: LUMINAIRES

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): Magna Light.

Fixed Luminaires, Model Nos. EPL-HB-100LED-RT, EPL-HB-150LED-RT, EPL-HB-200LED-RT, EPL-HB-240LED-RT, EPL-HB-300LED-RT, EPL-EMG-LB-100LED-RT, EPL-EMG-LB-150LED-RT, EPL-EMG-LB-200LED-RT.

LED Flood Light, Model Nos. EPLC2-HB-150LED-RT, EPLC2-LED-150W-RT, EPLC2-WPLED-150W-RT, EPLC2-HB-150LED-RT-48, EPLC2-HB-100LED-RT, EPLC2-HB-100LED-RT-UVA, EPL-HB-150LED-RT, EPL-LED-150W-RT,
EPL-WPLED-150W-RT, EPL-HB-150LED-RT-48, EPL-HB-100LED-RT, EPL-HB-100LED-RT-UVA.

LED Light, Model Nos. HAL-7W-LED-XX-Y-ZZZ, HAL-XX-YYY-LED-XX-T-ZZZZ, HAL-31L-LV-XX-Y-ZZZZ, HAL-60W-HV-XX-Y-ZZZZ.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

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

Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -20°C < Tamb < 40°C.

Surface-mounted Luminaire, Model Nos. EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC.

Wall mounted luminaire, Model Nos. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1227 or -1224; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1347 or -347V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -3480 or -480V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K.

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

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 Luminaires (CAN/CSA-C22.2 No. 250.0) and are identified with the cETL Listed Mark.; A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Luminaires (CAN/CSA-C22.2 No. 250.0) and are identified with the cETL Listed Mark.

<- Back

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

CERTIFICATION RECORD

The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 011712_C_000

Class No: 6248 01 SWITCHES Snap - For Hazardous Locations

SUBMITTOR

4501218

Killark, Div of Hubbell Inc.
(Delaware)
2112 Fenton Logistics Park Blvd
Fenton, Missouri 63026
United States

FACTORIES

4501218

Killark, Div of Hubbell Inc.
(Delaware)
2112 Fenton Logistics Park Blvd
Fenton, Missouri 63026
United States

September 17, 2012 (Replaces: July 28, 1998)

Class I, Groups C and D; Class II, Groups E, F and G; Class III:

- Series XP, XPB, XSP, Cat Nos XP-, XPB-, XSP-1 to -14 incl., -17 to -21 incl., with suffix numbers 1, 2 or 3 (these suffixes may be repeated up to five times).
- Series XDT, XDTF, Cat Nos XDT-, XDTF-1 to -14 incl., -17 to -21 incl., with or without suffix numbers or 3 (these suffixes, singly or in combination, may be repeated up to five times).
- Series XS, XT, Cat Nos XS-1, XT-1, each through -14, -17 through -21, and -41 through -46 with suffix number 1C, 2C, 3C, 4C, 5C, 6C, 7C, 8C, 9C, 1D, 2D, 3D, 5D, 7D, 1T, 2T, 3T or 4T. The suffix numbers may be repeated up to five times.

Note: Series XT and XT assemblies suitable for Encl 3 designationwhen provided with a Certified breather drain/fitting.
Max electrical ratings for above switches are as follows:

		Ampere Rating		HP Rating
Series	Style	125V	250V	230V ac, 250V
XP, XPB, XSP	1-pole	20	10	-

	2-pole	-	20	2
	3-way	10	5	-
XDT, XDTF	1-pole	10	5	-
	2-pole	10	10	-
	3-way	10	5	-
	Switch	Switch		-
	Suffix	Rating	Suffix	Rating
XS, XT:	-1C, -3C, -4C	R1	-1T	R8, R9
	-2C	R1, R3, R4		
	-5C, -6C, -7C	R1, R3, R5	-2T	R8, R9, R11
	-8C	R6	-3T	R8, R10
	-1D, -2D, -3D	R2, R4, R7		Alt., R8, R9
	-5D, -7D	R2, R3, R5	-4T	R13, R14

		Switch Rating	
R1	120/277V 20A	R8	125V,20A T
R2	120/277V 30A	R9	250V, 20A
R3	1 hp, 120V ac	R10	250V, 10A
R4	2 hp, 240V ac	R11	2 hp, 230V ac, 250V dc
R5	1 hp, 240V ac	R12	125V, 10A
R6	15A, 240/480V ac 3 ph, 3 hp	R13	250V, 5A
	240V ac	R14	125V, 10A T
	5 hp, 480V ac	R15	125V, 20A
R7	2 hp, 120V ac		

Class I, Groups C and D; Class II, Groups E, F and G; Class III; (Factory Sealed),(Component Packaged):

- Tumbler switches, single or double gang, Series FXS, Cat Nos FXS-1 to 12, followed by Suffix 1C to 6C, rated 20A, 120/277V ac; Cat Nos FXS-1 to -12 followed by Suffix 8C, rated 15A, 240/480V ac, 3 ph, 3 hp-240V ac; 5 hp-480V ac; Cat Nos FXS-1 to -12 followed by Suffix 9C, rated 20A-125V ac; 10A-250V ac; Cat Nos FXS-1 to -12, followed by Suffix 1, 2, 3, 5, 7 followed by Suffix D, rated 30A, 120/277V ac, 1 ph; Cat No FXS-1 to -12 followed by the following suffix:

Suffix		125V	250V	230V
1T	1 pole	20T	20	-
2T	2 pole	20T	20	2 hp
3T	3 way	20T	10	-
4T	4 way	10T	5	-

- Cover sub-assemblies may be shipped separately and are intended to be assembled during installation with "Killark" splice boxes Series FXB, single or double gang.

- Cover sub-assemblies, "Factory Sealed", tumbler switch, Series FXS; Cat Nos FXS-1C to 6C, rated 20A, 120/277V ac; Cat No FXS-8C, rated 15A, 240/480V ac, 3 ph, 3 hp-240V ac, 5 hp-480V ac; Cat No FXS-9C, rated 20A-125V ac, 10A-250V ac; Cat Nos FXS-1, 2, 3, 5, 7 followed by Suffix D, rated 30A, 120/277V ac, 1 ph.

Cat No		125V	250V	230V
FXS-1T	1 pole	20T	20	-
FXS-2T	2 pole	20T	20	2 hp
FXS-3T	3 way	20T	10	-
FXS-4T	4 way	10T	5	-

- Splice boxes, Cat Nos FXB-1 through FXB-6, single gang type; Cat Nos FXB-7 through FXB-12, double gang type, dead end or through feed 1/2 in, 3/4 in or 1 in hub.

Class I, Groups C and D; Class II, Groups E, F and G; Class III(Component Packaged):

- Tumbler switch and snap switches, single, double or multi-gang, Series XS and XT; Cat Nos XS and XT-1 through -14, -17 through -21, -31 through -38, 41 through -45; followed by Suffix 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by Suffix C or D rated 30A, 120/277V ac; Cat Nos XS and XT-1 through -14, -17 through -21, -31 through -38, -41 through -45, followed by Suffix 1, 2, 3, 4, followed by T, rated:

Suffix		125V	250V	230V
1T	1 pole	20T	20	-
2T	2 pole	20T	20	2 hp
3T	3 way	20T	10	-
4T	4 way	10T	5	-

- Cover sub-assemblies may be shipped separately and are intended to be assembled during installation with "Killark" splice boxes, Series SWB, single, double or multi-gang.
- Cover sub-assemblies, tumbler and snap switches, Series XT and XS, Cat No XS-0 followed by Suffix 1, 2, 3, 4, 5, 6, 7, 8, 9 followed by C or D; Cat No XTS-0, followed by Suffix 1, 2, 3, 4, followed by T, and blank cover, Cat No X-10.

Notes:

1. Suffix numbers may be repeated up to five times.
2. Series XS and XT assemblies, suitable for Encl 3 designation when provided with a Certified breather/drain fitting.

Class I, Groups C and D; Class II, Groups E, F and G; Class III;

- Series No XST followed by 15 or 20, followed by 21C, 23C, 31C, 33C, 51C, 53C, 61C or 63C; Rated 20A max, 347VAC max.

ELECTRICAL RATINGS:

These devices have the following electrical ratings:

Series XST Suffix	***Switch Type***	***Hubbell Wiring Switch Cat. No.***	***Electrical Rating of Switch***
15-21C	Single pole	HBL18201CN	15A, 347VAC, 1 Phase
15-31C	Single pole	HBL18201CN	15A, 347VAC, 1 Phase
15-23C	3 way	HBL18203CN	15A, 347VAC, 1 Phase
15-33C	3 way	HBL18203CN	15A, 347VAC, 1 Phase
20-21C	Single pole	HBL18221CN	20A, 347VAC, 1 Phase
20-31C	Single pole	HBL18221CN	20A, 347VAC, 1 Phase
20-23C	3 way	HBL18223CN	20A, 347VAC, 1 Phase

/pl

Frequently Asked Questions (FAQ)