

EPSLED-80-1HZ

15W Explosion Proof LED Strobe Light - C1D1 - 1Hz Flash Rate - IP67

Product ID: 270956



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.

EPSLED-80-1HZ Explosion Proof LED Strobe Light

Listing: NRTL Listed for United States and Canada

Lamp Technology: LED

Dimensions: -

Weight: -

Voltage: 100-277V AC, 50/60Hz or 12-24V AC/DC

Watts: 15W

Lumens: 2,400 lms

Luminous Efficacy: 160 lm/w

Lamp Life Expectancy: 50,000+ Hours

Color: White - 6000K, 5000K, 4300K, 4000K, 3000K, Blue, Amber, Red or Green

Color Rendering Index: 82 (White)

Lamp Type: -

Lamp Base: E26

Replacement Lamp: -

Beam Angle: 300°

Lighting Configuration: Strobing

Strobe Rate: 1 Hz

Power Efficacy: -

Power Factor: >0.9

Amp Draw: 0.125A @ 120V, 0.06A @ 240V, 0.5A @ 277V

Ambient Operating Temp Range: -20°C to +85°C

Ratings/Features

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

Class I, Zones 1 & 2, Groups IIB, IIA

Class II, Divisions 1 & 2, Groups E,F,G

Class III, Divisions 1 & 2

NEMA 3, 4, 4X, 7CD, 9EFG

Suitable for Wet Locations

Factory Sealed Light Fixture

Operating Temp Rating: -

Housing Material: Copper Free Cast Aluminum

Housing Finish: Epoxy Powder Coated

Lens Material: Polycarbonate

Mounting: Wall, Pendant, Ceiling or 25° Stanchion

Wiring Hub: 3/4" NPT (1-1/4" NPT Stanchion)

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 Texas

The EPSLED-80-1HZ Explosion Proof LED Strobe Light from Larson Electronics is rated for Class I, II and III combustible sites and produces 4 flashes per second. This IP67 rated LED lamp features 2400 lumens of illumination and heavy-duty cast aluminum housing. Equipped with a 3/4" NPT hub, the explosion proof unit is offered in a selection of light colors and mounting options.

The EPSLED-80-1HZ is ideal for industrial applications, hazardous work spaces, and areas where gases, vapors and dusts may be present and a powerful and durable strobe light solution is needed. This 15-watt LED lamp provides up to 2400 lumens of output, with a 300-degree beam angle. Equipped with an E26 base, the strobe-only light source can be ordered with red, blue, green, amber and white colors, as well as different voltages including: 100-277V AC, 50/60Hz or 12-24V AC/DC.

The lamp's housing is waterproof, constructed of heavy cast aluminum, and tested to withstand 1490 lbs. per square inch of hydrostatic pressure. The housing is also fully factory sealed and includes an integrated inspection hole for easy access to the splice compartment. The IP67 rated LED light is protected by an impact and heat resistant clear prismatic globe.

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.

Wiring: Operators may access a 3/4" hub on the unit for wiring connections. This LED light is energized by leads which pass through sealing compound that separates the lamp chamber from the wiring compartment.



Wall Mount



Ceiling Mount



Pendant Mount



25° Stanchion Mount

Mount: The explosion proof LED light is available in pendant, ceiling, wall or stanchion mount for added installation versatility.

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

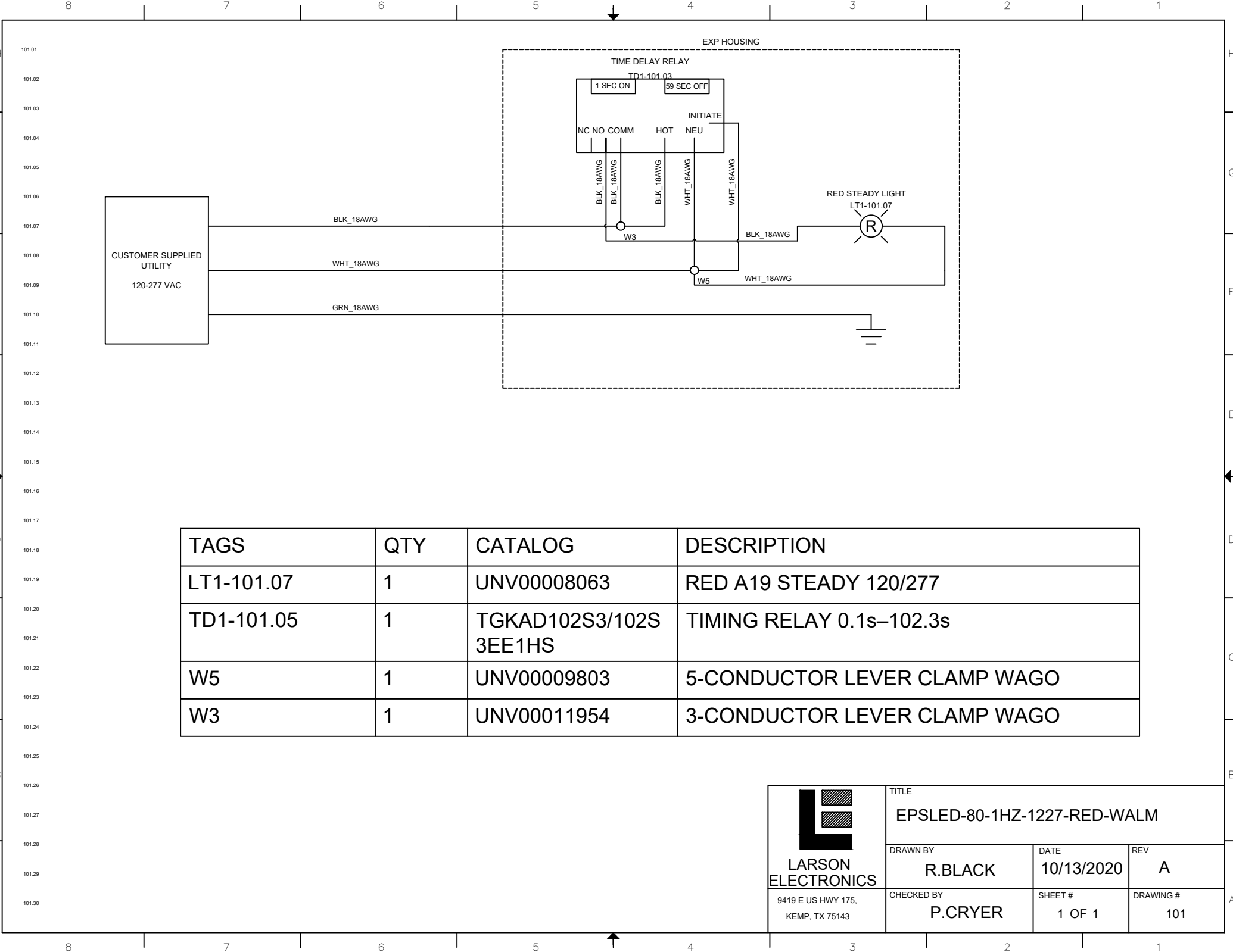
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973.

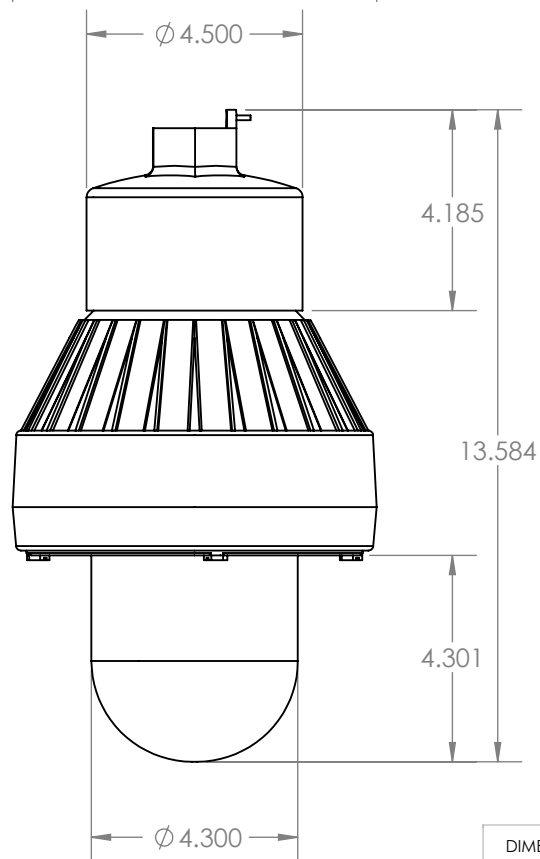
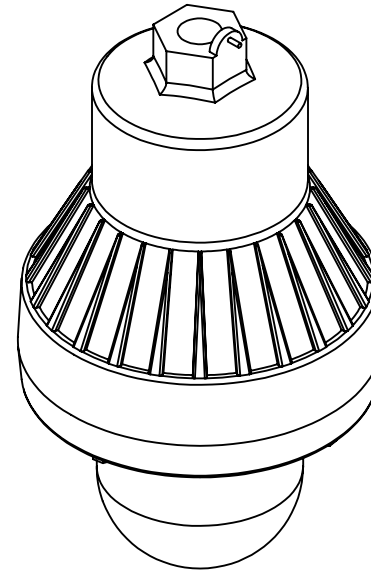
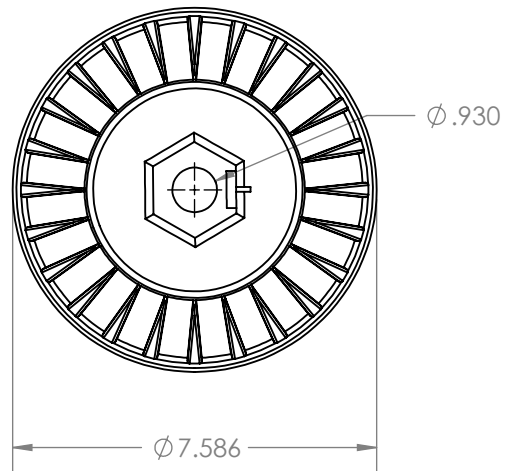
Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						10/13/2020
EPSLED-80-1HZ-1227-RED-WALM 							
8	7	6	5	4	3	2	1

EPSLED-80-1HZ-1227-RED-WALM



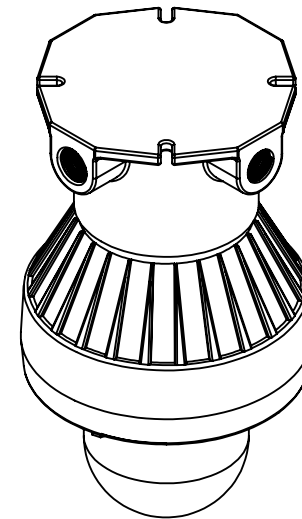
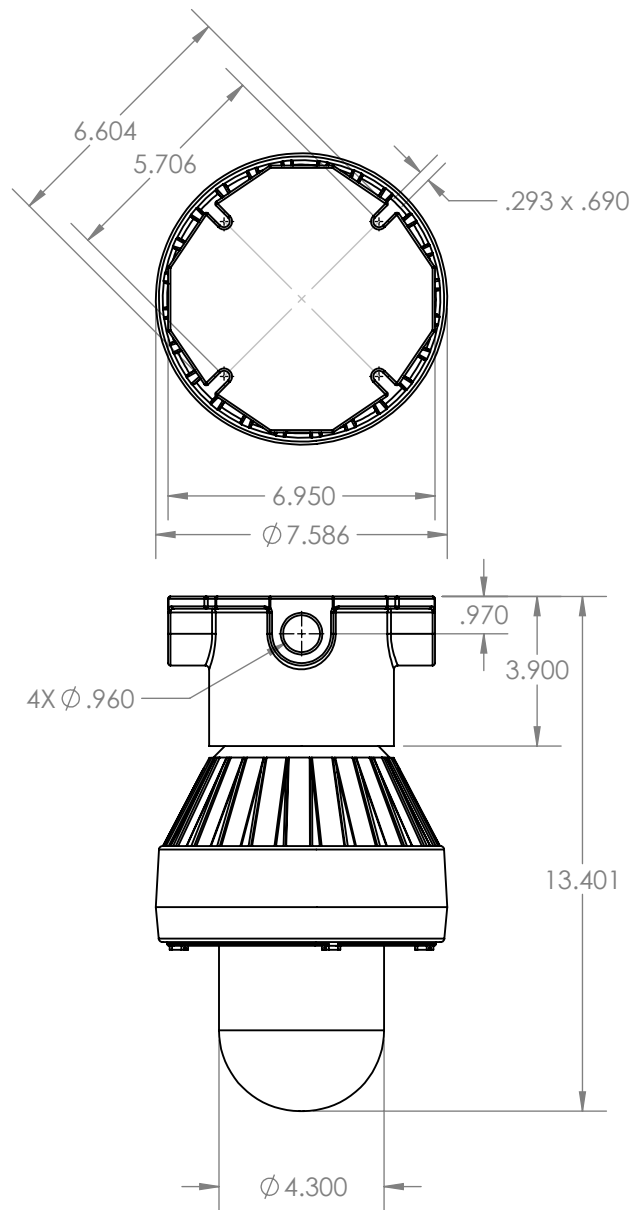




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DIMENSIONS ARE IN INCHES		DRAWN	CHRIS THAUER
MATERIAL		CHECKED	JEREMY BLANKENSHIP
DO NOT SCALE DRAWING			

TITLE: EPSLED-80-PND			
SIZE A	DWG. NO.	REV	
SCALE: 1:4		SHEET 1 OF 3	



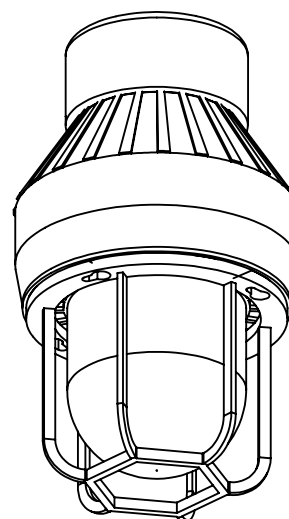
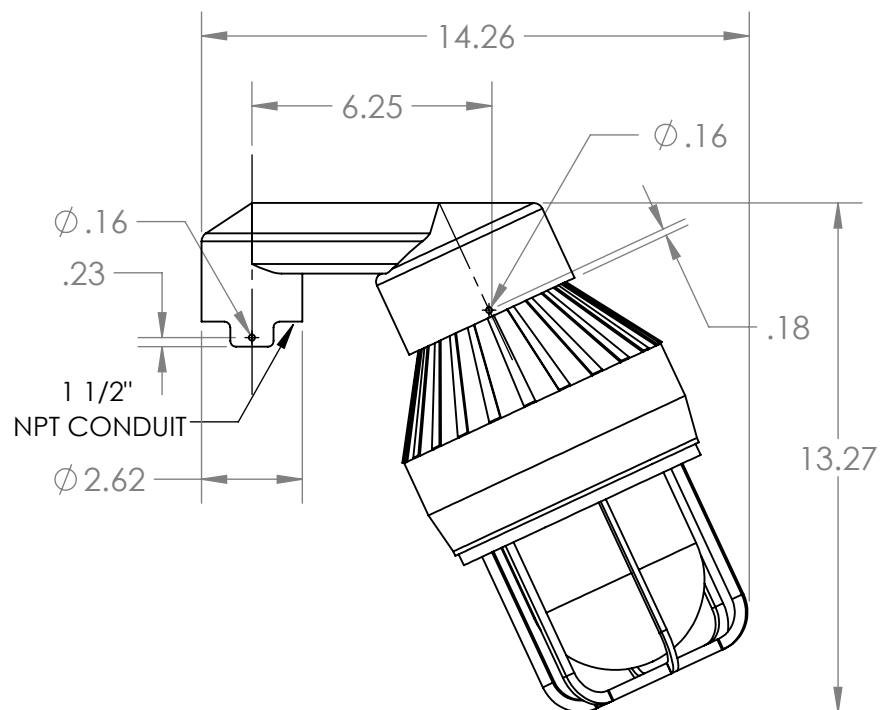
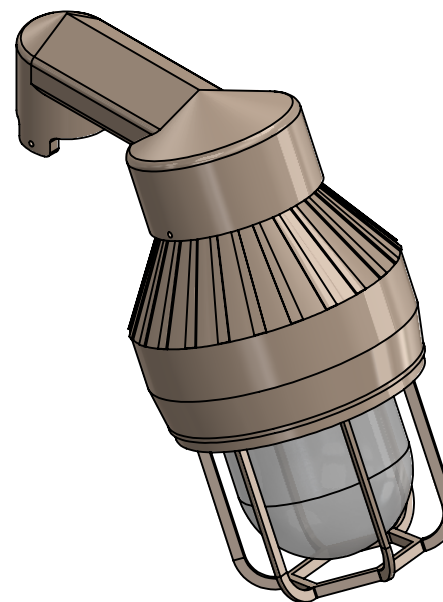
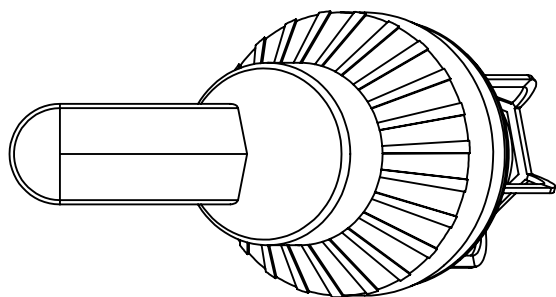
TITLE:			
EPSLED-80-CLG			
SIZE	DWG. NO.	REV	
A			
SCALE: NTS		SHEET 2 OF 3	

FINISH		NAME	
SURFACE AREA [sq. in.]		DRAWN	CHRISTOPHER THAUER
DIMENSIONS ARE IN INCHES		CHECKED	N/A
MATERIAL		DATE	4/5/2018
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UNLESS OTHERWISE NOTED:

Angle +/- .5 deg
.X +/- .02
.XX +/- .01
.XXX +/- .005



PART NUMBER:

EPSLED-80-STNM

SIZE

A

REV

SCALE: NTS

SHEET 3 OF 3

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DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

DATE

2/25/2019











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: EPSL-80-XX-YY
Description: Explosion Proof Jelly Jar Light

Evaluated Listings:

UL: E10514, E91793 – NEC / United States standards
UL: E10514 – CEC / Canada standards
CSA: LR11716 – CEC / Canada standards
ETL: UL 508A, UL 1203 – NEC / United States standards
ETL: CSA C22.2 No. 14, No. 25, No. 30 – CEC / Canada standards

The EPSL-80-XX-YY is 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 E, F, G
- NEC: Class I, Zones 1 & 2, Groups IIB, IIA
- CEC: Class I, Divisions 1 & 2, Groups C & D; Class II, Divisions 1 & 2, Groups E, F, G
- CEC: Class I, Zones 1 & 2, Groups IIB, IIA

The EPSL-80-XX-YY comprised of a Killark EMI series device enclosure. This device enclosure may contain an incandescent, compact fluorescent, or LED lamp and custom mounting of the lamp assembly to prevent damage. This assembly is built to NEC and CEC standards for hazardous locations and quality checked per ISO 9001:2015 standards.

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

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager

IGIV.E10514 - Luminaire Fittings for Use in Hazardous Locations

Luminaire Fittings for Use in Hazardous Locations

See General Information for Luminaire Fittings for Use in Hazardous Locations

KILLARK, DIV OF HUBBELL INC (DELAWARE)

E10514

2112 FENTON LOGISTICS PARK BLVD
FENTON, MO 63026 USA

Trademark and/or Tradename: "E10514" , "Killark/Chalmit"

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

Flexible luminaire fittings: Series EKH, Types EKJH, EKHH, EKGH. Series EKJ, Cat. No. EKJ-1 followed by 4 to 36 incl.; Cat. No. EKJ-2 followed by 4 to 36 incl.

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

Luminaire fittings: Series GEC, Cat. Nos. GECCAT, GECCT, GECCTF, GECEAT, GECET, GECLAT, GECLBT, GECLT, GECLTF, GECNT, GECTAT, GECTT, GECTTF, GECUET, GECUWT, GECXAT, GECXT, GECXTF followed by -11, -12, -21, or -22, may be followed by M; Series GEC, Cat. Nos. GECCAT, GECCT, GECCTF, GECEAT, GECET, GECLAT, GECLBT, GECLT, GECLTF, GECNT, GECTAT, GECTT, GECTTF, GECXT, GECXTF followed by -31 or -32, may be followed by M; Series GRCD, Cat. Nos. GRCDC, GRCDE, GRCDL, GRCDT, GRCDX followed by -11, -12, -21, -22, -31, or -32.

Series HXB, Cat. Nos. HXB-11, -12, -21, -22, -31, -32; Series JL, Cat. Nos. JLC, JLE, JLL, JLT, JLX-11, -12, -21, -22; Series JAL, Cat. Nos. JALC, JALE, JALL, JALT, JALX-11, -12, -21, -22, -31, -32; Cat. Nos. SPM, SPH, SPJ or SPI followed by 000001 to 999999 incl., followed by A to Z incl.

Series XFH, Cat. Nos. XFH-21, -22, -31, -32.

Flexible luminaire: Type EKJ, Cat. No. EKJ-3.

Series EZ, Cat. Nos. EZM10, EZS05, EZS07 or EZS10 followed by 0, 1, 2, 3, 4, 5, 6 or 7, followed by A2, A3, B2, B3, X2, X3, followed by G or O, followed by PS.

Class I, Group D; Class II, Groups E, F and G.

Luminaire fittings: Series JAL, Cat. Nos. JALC, JALE, JALL, JALT, JALX-4, -5 with suffixes: SU1, SU2, SU3, SU8, SUP, SU10, SU12, SU14, SU46, L, WL, P or Y.

Cat. No. EZH, EZM or EZS followed by 05, 07, 10, 15, 17, 20, 25 or 40, followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8, followed by D4 or D5, followed by G or O, may be followed by Q, may be followed by BP or R.

Series EZ, Cat. No. EZM10, EZS05, -07 or -10 followed by 0, 1, 2, 3, 4, 5, 6 or 7, followed by D4 or D5, followed by G or O, followed by PS.

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

EZ Series Luminaire Fittings: (+)

Ballast housing assemblies: Cat. No. EZ, followed by M, S or H, followed by 05, 07, 10, 15, 17, 20, 25 or 40, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9, may be followed by Q, R, BP, PS and/or F#, followed by 1 to 7.

Ballast housing assemblies: Cat. No. EZ followed by P followed by 05, 07, 10, 12, 15, 17, 20, 25, 32, 35 or 40, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9, may be followed by Q, R, BP, PS and/or F#, followed by 1 to 7 incl.

Luminaire Fitting	Cat. No.
Ballast housing assemblies	Series EZH, EZP, EZM or EZS
Optic assembly	EZGS1 or -2
Splice boxes	EZA2, -3, EZB2, -3, EZX2, -3
Optional accessories	
Angle reflector	VMPA-40
Deep dome reflector	HDR-400
Guards	EZG1, VMAG-40
Standard dome reflector	VMPSD-40

(+) Also Complementary Listed as Miscellaneous Marine Luminaires Fittings (IGZR)

Luminaire fittings: Series EMI followed by 15 or 20, may or may not be followed by ML.

Luminaire Fitting	Cat. No.
Lampholder housings	Series EMI
Optic assembly	EMGS1
Splice boxes	
Ceiling, 3/4 in. conduit	EZX2
Ceiling, 1 in. conduit	EZX3
Pendant, 3/4 in. conduit	EZA2
Pendant, 1 in. conduit	EZA3
Wall mount, 3/4 in. conduit	EZB2
Wall mount, 1 in. conduit	EZB3
Optional accessories	
Angle reflector	ERA-15
Guard	EMG1
Shallow dome reflector	ERSD-15
Angle stanchion, 1-1/4 in. conduit	EZD4
Angle stanchion, 1-1/2 in. conduit	EZD5
Optional accessories	

Angle reflector	ERA-15
Guard	EMG1
Shallow dome reflector	ERSD-15

Luminaire fittings: Series EBF followed by 13 or 26, followed by 1, 4 or 7, may or may not be followed by ML.

Luminaire Fitting	Cat. No.
Lampholder housings	Series EBF
Optic assembly	EMGS1
Splice boxes	
Ceiling, 3/4 in. conduit	EZX2
Ceiling, 1 in. conduit	EZX3
Pendant, 3/4 in. conduit	EZA2
Pendant, 1 in. conduit	EZA3
Wall mount, 3/4 in. conduit	EZB2
Wall mount, 1 in. conduit	EZB3
Optional accessories	
Angle reflector	ERA-15
Guard	EMG1
Shallow dome reflector	ERSD-15
Angle stanchion, 1-1/4 in. conduit	EZD4
Angle stanchion, 1-1/2 in. conduit	EZD5
Optional accessories	
Angle reflector	ERA-15
Guard	EMG1
Shallow dome reflector	ERSD-15

Luminaire fittings: Series EMH, EMI, EMM, EMS followed by 5, 7, 10, 15, 20, 30, 35, 75, may or may not be followed by 0, 1, 2, 3, 4, 5 or 7, may or may not be followed by ML.

Luminaire Fitting	Cat. No.
Luminaire housings	Series EMH, EMI, EMM, EMS
Optic assembly	EMGS3

Splice boxes	
Ceiling, 3/4 in. conduit	EZX2
Ceiling, 1 in. conduit	EZX3
Pendant, 3/4 in. conduit	EZA2
Pendant, 1 in. conduit	EZA3
Wall mount, 3/4 in. conduit	EZB2
Wall mount, 1 in. conduit	EZB3
Optional accessories	
Angle reflector	ERA30
Guard	EMG2
Shallow dome reflector	ERSD30

Luminaire Fitting	Cat. No.
Luminaire housings	Series EMH, EMI, EMM, EMS
Optic assembly	EMGS3
Splice boxes	
Angle stanchion, 1-1/4 in. conduit	EZD4
Angle stanchion, 1-1/2 in. conduit	EZD5
Optional accessories	
Angle reflector	ERA30
Guard	EMG2
Shallow dome reflector	ERSD30

Luminaire fittings: Series EQF followed by 26, 32, 42, 52, 64 or 84 , followed by 30, may be followed by N4, D or A.

Luminaire Fitting	Cat. No.
Lampholder housings	Series EQF
Optic assembly	EMGS1, EMGS3
Splice boxes	
Ceiling, 3/4 in. conduit	EZX2
Ceiling, 1 in. conduit	EZX3

Pendant, 3/4 in. conduit	EZA2
Pendant, 1 in. conduit	EZA3
Wall mount, 3/4 in. conduit	EZB2
Wall mount, 1 in. conduit	EZB3
Optional accessories	
Angle reflector	ERA-15, ERA30
Guard	EMG1
Shallow dome reflector	ERSD-15, ERSD30
Angle stanchion, 1-1/4 in. conduit	EZD4
Angle stanchion, 1-1/2 in. conduit	EZD5
Optional accessories	
Angle reflector	ERA-15
Guard	EMG1, EMG2
Shallow dome reflector	ERSD-15

Class I, Groups C and D.

EZ Series Luminaire Fittings: (+)

Ballast housing assemblies: Cat. No. EZ followed by M, S, or H, followed by 05, 07, 10, 15, 17, 20, 25 or 40, followed by 0 to 9, may be followed by T, R, BP and/or PS.

Ballast housing assemblies: Cat. No. EZ followed by P followed by 05, 07, 10, 12, 15, 17, 20, 25, 32, 35 or 40, followed by 0 to 9, may be followed by T, R, BP and/or PS.

Splice boxes: Cat. Nos. EZD4 or EZD5.

(+) Also Complementary Listed as Miscellaneous Marine Luminaires Fittings (IGZR)

Class I, Division 2, Groups A, B, C and D; Class II, Groups E, F and G.

Ballast tank assemblies: Series VM (E, F, P or V)-0-0-(2, 3, 7, 8, 9, 32 or 35)-(0, 1, 2, 3, 4, 5, 7 or 8)-00, may be followed by NR for use with the following fittings:

Optics: VMER40, VMG-40, VZRG-4050.

Guard: VMAG-40.

Mounting splice boxes: VMA-2, -3, -24, -34, VMB-2, -3, VMC-2, -3, VMX-2, -3.

Reflectors: HRA-500, HRD-400, HRS-500, HRSD-500, VMPA-40, VMPSD-40.

Ballast tank assemblies: Series VMKO, VMLO, VMMO followed by -0, followed by 1, 4, 5, 6, 7 or 9, followed by 00, 10, 20, 30, 40, 50, 60, 70*or 80, may be followed by 1, may be followed by IR, NR, QTZ (Class II) and/or BP and/or KIT followed by 134, 135, 136, 137, 138, 139, 140, 141, 142, 143 or 144 for the use with the following fittings. (Not all combinations are covered for Class II).

Optics - VMG-17, VZRG-1550, VZRG-2550.

Guards - VMAG-17, VMRWG-8, VMRWG.

Mounting splice boxes - VMA-2, -3, -24 and -34, VMX-2 and -3, VMB-2 and -3, VMC-2 and -3, VMD-4 and -5 (Class I, Div. 2 only with no reflectors), VMDS-5.

Reflectors - VMPPA-17 and VMPPSD-17.

Ballast tank assembly: Series VBF followed by 13, 26 or 39, followed by 1 or 4. May be followed by F or N4.

Ballast tank assembly: Series VQF followed by 26, 32, 39, 42, 52, 64 or 84, followed by 30. May be followed by F or N4.

Mounting splice boxes: VMA-2, -3, -24 and -34, VMX-2 and -3, VMB-2 and -3, VMC-2 and -3, VMD-4 and -5 (Class I, Div.2 only with no reflectors), VMDS-5.

Optics - Globe: VMG-17.

Guard: VMAG-17.

Reflectors: VMPPA-17 and VMPPSD-17.

Ballast tank assembly: Series MB for use with the following fittings

Mounting splice boxes: Cat. Nos. MBA-2, -3, MBB-2, -3, MBD-4, -5, MBX-2, -3.

Optics: MBG, VZRG-1550.

Guard: MBAG, VMRGW-8.

Reflectors: VMPPA-17, VMPPSD-17.

Class I, Groups A, B, C and D, Division 2.

	Cat. No.
Luminaire LED Modules	VTL-1
	VTL-2
Luminaire bodies	VXFC-100-N34
	VXFC-200-N34
Splice boxes	VB-1 or -2
	VBC-1 or -2
	VD-4
	VGA-1 or -2
	VGC-1 or -2
	VGH-1 or -2
	VGX-1 or -2
	VXA-1 or -2
Globes	VAMG-100, -200
	VBG-100 or -200
	VCG-100 or -200
	VCGP-100 or -200
	VGG-100 or -200

	VRG-100 or -200
	VRSG-100
Optional accessories	
Guard	VAG-100 or -200
Reflector	VPRSD-100 or -200
Bracket Mounting Adapter	VFL

Cat. No. VM5S; followed by 60; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8) or F# (1 thru 8).

Cat. No. VM5H; followed by 25, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8) or F# (# = 1 thru 8).

Cat. Nos. VM5P or VM5E; followed by 17, 25, 32, 35, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8) or F# (# = 1 thru 8).

Cat. No. VM5M; followed by 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8) or F# (# = 1 thru 8).

The VM5 series ballast tank assemblies are intended for use with the following Listed Luminaire Fittings for hazardous locations. Not all combinations are covered.

Optics , Cat. Nos: VMG40, VZRG4050, VZRG4020, VMER40.

External guards , Cat. Nos: VMAG40S, VMRWG, VMERG.

External reflectors, Cat. Nos: VMPSD40, VMPA40, HRD400, HRD400ALZ.

Mounting splice boxes, Cat. Nos: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B, VMB10B, VMB8B, VMB810B.

VM series Luminaire fittings for use in hazardous locations, Class I, Divisions 2, Groups A, B, C and D; Class II, Groups E, F, and G; Class III.

Luminaire fittings:

Optics: VMG17, VMG-17, VMR175, VMR171, VMG25, VMR255, VMR251, VMR253, VZRG1550, VZRG2520, VZRG2550, VMER40, VMEP40.

Guards: VMAG17, VMAG25S, VMRWG, VMRWGS, VMRWG8, VMERG.

Reflectors: VMPSD40, VMPA40.

Mounting Splice Boxes: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B.

Ballast Tank Assemblies: VM1H, VM1P, VM1S, VM2H, VM2P or VM2S followed by 03, 05, 07, 10, 12, 15 or 17, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15, may be followed by IR, NR, BP, P# (1, 2 or 3), TBX (X = 1 thru 9), Q# (1 thru 8) or F# (1 thru 8).

Series VM3S followed by 05, 07, 10 or 15, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P# (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM3H followed by 07, 10, 15, 17, or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P# (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM3P followed by 12, 15, 17 or 20, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P# (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM3M followed by 10, 17, or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P# (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4S followed by 05, 07, 10, or 15, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4H followed by 07, 10, 15, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4P followed by 12, 15, 17, or 20, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4M followed by 10, 17, or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Ballast Tank Assemblies: Cat. No. VM5S; followed by 25, or 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB, Q# (# = 1 thru 8) or F# (1 thru 8).

Cat. No. VM5H; followed by 25, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB, Q# (# = 1 thru 8) or F# (# = 1 thru 8).

Cat. Nos. VM5P or VM5E; followed by 17, 25, 32, 35, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB, Q# (# = 1 thru 8) or F# (# = 1 thru 8).

Cat. No. VM5M; followed by 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB, Q# (# = 1 thru 8) or F# (# = 1 thru 8) + Note:

The VM5 series ballast tank assemblies are intended for use with the following Listed Luminaire Fittings for hazardous locations. Not all combinations are covered.

Optics , Cat. Nos: VMG40, VZRG4050, VZRG4020, VMER40.

External guards , Cat. Nos: VMAG40S, VMRWG, VMERG.

External reflectors , Cat. Nos: VMPSD40, VMPPA40, HRD400, HRD400ALZ.

Mounting splice boxes, Cat. Nos: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B, VMB10B, VMB8B, VMB810B.

(Mailing address: P. O. Box 5325, St. Louis, MO 63115)

Last Updated on 2019-09-17

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IGZR.E91793 - Luminaires, Miscellaneous, Marine

Note: We are enhancing our systems and you may notice missing/outdated data. During this interim period, please refer to your Certificate of Compliance or contact our Customer Service at <https://www.ul.com/about/locations>.

Luminaires, Miscellaneous, Marine

See General Information for Luminaires, Miscellaneous, Marine

KILLARK, DIV OF HUBBELL INC (DELAWARE)

E91793

2112 FENTON LOGISTICS PARK BLVD

FENTON, MO 63026 USA

EBF fluorescent or EMI incandescent Series, Complete unit consists of an assembly of components. The complete unit Cat. No. is as follows: E, followed by MI or BF, followed by 13, 15, 20 or 26, followed by 1, 4, or 7 or a blank followed by ML.

Splice box, Cat. No. EZ followed by A2, A3, X2, X3, B2, B3, D4, D5.

External reflectors, Cat. Nos. ERSD15, ERA15.

Guard, Cat. No. EMG1.

Optic assembly, Cat. No. EMGS1.

EMI incandescent, EMS high pressure sodium, EMM mercury vapor or EMH metal halide series, Complete unit consists of an assembly of components. The complete unit Cat. No. is as follows: E, followed by MI, MS, MM or MH, followed by 35, 05, 07, 75, 10, 15 or 30, followed by 0, 1, 2, 3, 4, 5, or 7 or a blank followed by ML.

Splice box, Cat. No. EZ followed by A2, A3, X2, X3, B2, B3, D4 or D5.

External reflectors, Cat. Nos. ERSD30, ERA30.

Guard, Cat. No. EMG2.

Optic assembly, Cat. No. EMGS3.

VM series Luminaire fittings. +

Optics: VMG17, VMG-17, VMR175, VMR171, VMG25, VMR255, VMR251, VMR253, VZRG1550, VZRG2520, VZRG2550, VMER40, VMEP40.

Guards: VMAG17, VMAG25S, VMRWG, VMRWGS, VMRWG8, VMERG.

Reflectors: VMPSD40, VMPPA40.

Mounting Splice Boxes: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B.

Ballast Tank Assemblies: VM1H, VM1P, VM1S, VM2H, VM2P or VM2S followed by 03, 05, 07, 10, 12, 15 or 17, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15, may be followed by IR, NR, BP, P# (1, 2 or 3), TBX (X = 1 thru 9) or Q# (1 thru 8).

Series VM3S followed by 05, 07, 10 or 15, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Series VM3H followed by 07, 10, 15, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Series VM3P followed by 12, 15, 17 or 20, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Series VM3M followed by 10, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB,

Q# (1 thru 8), or QA.

Series VM4S followed by 05, 07, 10 or 15, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Series VM4H followed by 07, 10, 15, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Series VM4P followed by 12, 15, 17 or 20, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Series VM4M followed by 10, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), or QA.

Ballast tank assemblies, Cat. No. VM5S followed by 25, 40 or 60, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB or Q.

Cat. No. VM5H followed by 25, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB or Q.

Cat. No. VM5P or VM5E followed by 17, 25, 32, 35, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB or Q.

Cat. No. VM5M followed by 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by NR, BP, TB or Q.

The ballast tank assemblies are intended for use with the following Listed Fixture Fittings for hazardous locations. Not all combinations are covered.

Optics, Cat. Nos: VMG40, VZRG4050, VZRG4020, VMER40.

External guards, Cat. Nos. VMAG40S, VMRWG, VMERG.

External reflectors, Cat. Nos. VMPSD40, VMPPA40, HRD400, HRD400ALZ.

Mounting splice boxes, Cat. Nos. VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B.

VM (Old Style) series Luminaire fittings. +

Ballast tank assemblies, Cat. Nos. VMKO, VMLO, VMMO followed by -0, followed by 1, 4, 5, 6, 7, or 9; followed by 00, 10, 20, 30, 40, 50, 60, 70 or 80; may be followed by 1; may be followed by IR, NR, QTZ, and/or BP and/or KIT# followed by 134, 135, 136, 137, 138, 139, 140, 141, 142, 143 or 144.

Optics, Cat. Nos. VMG-17+, VZRG-1550+, VZRG-2550.

External guards, Cat. Nos. VMAG-17+, VMRWG-8+, VMRWG.

External reflectors, Cat. Nos. VMPPA-17+, VMPSD-17.

Mounting splice boxes, Cat. Nos. VMA-2, -3, -24, -34, VMX-2, -3, VMB-2, -3, VMC-2, -3, VMD-4, -5, VMDS-5.

MB series Luminaire fittings +

Ballast housings, Series MB, MBF.

Optics, Cat. Nos. MBG, VZRG-1550.

External guards, Cat. Nos. MBAG, VMRWG-8.

External reflectors, Cat. Nos. VMPSD-17, VMPPA-17.

Mounting splice boxes, Cat. Nos. MBA-2, MBA-3, MBX-2, MBX-3, MBB-2, MBB-3, MBD-4, MBD-5.

EZ Series Fixture Fittings: (+)

Series EZ followed by M, S, H or P; followed by 05, 07, 10, 12, 15, 17, 20, 25, 32, 35 or 40; followed by 0 to 9; may be followed by Q, PS, R, T and/or BP.

Optic assemblies, Cat. Nos. EZGS1+, EZGS2.

Reflectors, Cat. Nos. VMPSD-40+, VMPPA-40+ or HRD-400.

Guards , Cat Nos. EZG1+ or VMAG-40.

+ - Complementary Listing under "Luminaires For Hazardous Locations" (IGIV).

Last Updated on 2012-10-05

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IHSN.E10514 - Luminaire Fittings for Use in Zone Classified Hazardous Locations

Luminaire Fittings for Use in Zone Classified Hazardous Locations

See General Information for Luminaire Fittings for Use in Zone Classified Hazardous Locations

KILLARK, DIV OF HUBBELL INC (DELAWARE)

E10514

2112 FENTON LOGISTICS PARK BLVD

FENTON, MO 63026 USA

Class I, Zone 1, AEx d IIB.

Series EZM, EZH or EZS followed by 10, 15, 17, 25, 40, 50 or 70, followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8, followed by A2, A3, B2, B3, D4, D5, X2 or X3, may be followed by G, PS, BP or R.

Series EMI or EBF followed by 13, 15, 20, 26 or 30, followed by A2, 3, B2, B3, D4, D5, X2 or X3, may be followed by G.

Series EMS, EMM or EMH followed by 35, 05, 07, 75, 10, 15, 13, 26, followed by, followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8, followed by A2, A3, B2, B3, D4, D5, X2 or X3, may be followed by G.

Trademark and/or Tradename: "E10514", "Killark/Chalmit"

Last Updated on 2015-10-20

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IGIV7.E10514 - Luminaire Fittings for Use in Hazardous Locations Certified for Canada

Luminaire Fittings for Use in Hazardous Locations Certified for Canada

See General Information for Luminaire Fittings for Use in Hazardous Locations Certified for Canada

KILLARK, DIV OF HUBBELL INC (DELAWARE)

E10514

2112 FENTON LOGISTICS PARK BLVD

FENTON, MO 63026 USA

VM series Luminaire fittings for use in hazardous locations, Class I, Divisions 2, Groups A, B, C and D; Class II, Groups E, F, and G; Class III.

Fixture fittings:

Optics: VMG17, VMG-17, VMR175, VMR171, VMG25, VMR255, VMR251, VMR253, VZRG1550, VZRG2520, VZRG2550, VMER40, VMEP40.

Guards: VMAG17, VMAG25S, VMRWG, VMRWGS, VMRWG8, VMERG.

Reflectors: VMPSD40, VMPA40.

Mounting Splice Boxes: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B, VMB10B, VMB8B, VMB810B

Ballast Tank Assemblies: VM1H, VM1P, VM1S, VM2H, VM2P or VM2S followed by 03, 05, 07, 10, 12, 15 or 17, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15, may be followed by IR, NR, BP, P# (1, 2 or 3), TBX (X = 1 thru 9), Q# (1 thru 8) or F# (1 thru 8).

Series VM3S followed by 05, 07, 10 or 15, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM3H followed by 07, 10, 15, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM3P followed by 12, 15, 17 or 20, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM3M followed by 10, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4S followed by 05, 07, 10 or 15, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4H followed by 07, 10, 15, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4P followed by 12, 15, 17 or 20, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Series VM4M followed by 10, 17 or 25, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by IR, NR, BP, P # (1, 2 or 3), TB, Q# (1 thru 8), QA or F# (1 thru 8).

Ballast Tank Assemblies: Cat. No. VM5S; followed by 25, or 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, TB, or Q# (# = 1 thru 8).

Cat. No. VM5H; followed by 25, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, TB, or Q# (# = 1 thru 8).

Cat. Nos. VM5P or VM5E; followed by 17, 25, 32, 35, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, TB, or Q#

(# = 1 thru 8).

Cat. No. VM5M; followed by 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, TB, or Q# (# = 1 thru 8).

The VM5 series ballast tank assemblies are intended for use with the following Listed Fixture Fittings for hazardous locations. Not all combinations are covered.

Optics , Cat. Nos: VMG40, VZRG4050, VZRG4020, VMER40.

External guards , Cat. Nos: VMAG40S, VMRWG, VMERG.

External reflectors , Cat. Nos: VMPSD40, VMMA40, HRD400, HRD400ALZ.

Mounting splice boxes, Cat. Nos: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B, VMB10B, VMB8B, VMB810B.

Class I, Divisions 2, Groups A, B, C and D.

Cat. No. VM5S; followed by 25, 40 or 60; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, or Q# (# = 1 thru 8).

Cat. No. VM5H; followed by 25, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8).

Cat. Nos. VM5P or VM5E; followed by 17, 25, 32, 35, 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8).

Cat. No. VM5M; followed by 40; followed by 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or 15. May be followed by BP, P# (# = 1, 2 or 3), TB, Q# (# = 1 thru 8).

The VM5 series ballast tank assemblies are intended for use with the following Listed Fixture Fittings for hazardous locations. Not all combinations are covered.

Optics , Cat. Nos: VMG40, VZRG4050, VZRG4020, VMER40.

External guards , Cat. Nos: VMAG40S, VMRWG, VMERG.

External reflectors , Cat. Nos: VMPSD40, VMMA40, HRD400, HRD400ALZ.

Mounting splice boxes, Cat. Nos: VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B, VMB10B, VMB8B, VMB810B.

Trademark and/or Tradename: "E10514", "Killark/Chalmit"

Last Updated on 2016-05-31

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CUSTOMER	CLASS	FILE NUMBER
Killark, Div of Hubbell Inc. (Delaware) 2112 Fenton Logistics Park Blvd, Fenton Missouri United States 63026	3428-03 (../class/?class=3428-03) FIXTURES AND FITTINGS-For Hazardous Locations	011713_C_000

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

(Temperature Coded), CSA Encl. 3 and 4 (component packaged):

- Series "HZ" integral ballast with or without aux. quartz lamp 100 or 150W, (for Div 1 only) 480V max, 60Hz, pendant ceiling, bracket, bulk-head or stanchion mount, max 400W high pressure sodium; 250 and 400W mercury vapour or metal halide. Suffix letters and digits following Series "HZ" denote lamp type, wattage, voltage, guard option, mounting conduit , globe and aux. lamp options.
- Temperature coded as follows: HPS without quartz lamp (T3C), with quartz lamp (T2D). 200 and 400W, MH and MV, without quartz lamp (T3A), with quartz lamp (T2D).

Class I, Groups C and D; Class II, Groups E, F and G; Class III; (Temperature Coded); CSA Encl 3, 4, 4X:

Class I, Division 2, Groups B, C and D; Class II, Division 2, Groups E, F and G; Class III; CSA Encl 3, 4, 4X:

- Series EZ luminaires, mercury vapour (MV), metal halide (MH) or high pressure sodium (HPS) and EZL - LED, 190W max; 50/60 Hz, 480 VAC max or 250VDC max; lamp wattage 400 W max; 60 Hz, 600 V max.

Note: Suffixes letters/numerals denote Lamp Type, Lamp Ratings, Voltage, Mounting and Options.

Temperature coded as follows:

				Suitable For Simultaneous Use In Class	
	Lamp		Rated Ambient	Class I Div. 1	Groups C, D and Class
Cat No	W	Type+	C	Groups	II, Groups
*EZS50	50	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS50	50	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)
EZS50	50	HPS	65	C,D 120(T4A)	E,F,G 165 (T3B)
*EZS07	70	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS07	70	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)
EZS07	70	HPS	65	C,D 120(T4A)	E,F,G 165 (T3B)
*EZS10	100	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS10	100	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)
EZS10	100	HPS	65	C,D 120(T4A)	E,F,G 165 (T3B)
EZS15	150	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS15	150	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)

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Expert

We're always here to help. Let's talk.

We're here to answer your questions and help you get started right away. Call or send us a message anytime.

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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: EPSL-80-XX-YY
Description: Explosion Proof Jellyjar Light

Evaluated Listings:

CE: EN 60598-2-5:2015
CE: EN 62560:2012/AC:2015

The EPSL-80-XX-YY Series complies with the essential protection requirements of the European Parliament of the Council Directive 2014/34/EU on the approximation of the laws of the Member States relating to electrical apparatuses operating within the range of 50-1000 volts AC or 75-1500 volts DC. This certification applies to all specimens manufactured in accordance to the manufactures drawings.

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)