

HZALJ LED

LED area lighting for hazardous locations

Key Features

- Low profile body, less than 5" high
- Interchangeable optics with Type I, III, V and wide distribution options
- Spring pressure connection terminal block
- Field replaceable LED circuit boards and drivers with quick disconnects
- Hinged mount for access to internal components
- Optional trunnion mount with locking positions in 15 degree increments
- Two (2) safety cable attachment points



Additional Features

- Optional emergency backup with switching capability and field replaceable battery
- Pendant, ceiling, wall, trunnion and stanchion mounting options
- Mates directly to select competitor mounts
- Dimming option
- Optional Type 316 stainless steel guard
- Standard 10kV surge protection
- 5-year warranty

Classifications

- Class I, Division 2, Groups A, B, C & D
- Class II, Divisions I & 2, Groups E, F & G
- Class III
- Class I, Zone 2, Group IIA, IIB, IIC
- Zone 2I
- Simultaneous Presence
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Emergency Battery Backup
- -40°C to 70°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981(R2014)
- NEMA 4X
- ABS Type Approved
- IP66
- Tested to LM79, LM80
- Factory Sealed
- IECEx
- ATEX

Standard Materials

Body: A360 aluminum
(less than .4% copper content)
with baked-on gray epoxy finish

Gaskets: One-piece silicone

Lens: Tempered glass or polycarbonate

Hardware: Stainless Steel

Certification Guide

Model	Mount	Watts	Operating Voltage	Total Lumens ¹	Lumens per Watt ¹	CRI ¹	CCT ¹	Ambient Temperature ^{1,2}	Class I, Div. 2, Group A, B, C & D	Supply Wire Suitable Temp. °C
HZALJ04LU	C, P, T, W, S, L	22W	120-277V 50/60HZ	3253	151.0	80.7	4910	-40°C < Tamb < 70°C	T4A	90°C
HZALJ04LD	C, P, T, W, S, L	22W	127 - 250 VDC	3253	151.0	80.7	4910	-40°C < Tamb < 70°C	T4A	90°C
HZALJ04LN	C, P, T, W, S, L	22W	347/480V 60HZ	3253	151.0	80.7	4910	-40°C < Tamb < 70°C	T4A	90°C
HZALJ06LU	C, P, T, W, S, L	39W	120-277V 50/60HZ	5749	149.0	80.5	4918	-40°C < Tamb < 70°C	T4A	90°C
HZALJ06LD	C, P, T, W, S, L	39W	127 - 250 VDC	5749	149.0	80.5	4918	-40°C < Tamb < 65°C	T4A	90°C
HZALJ06LN	C, P, T, W, S, L	39W	347/480V 60HZ	5749	149.0	80.5	4918	-40°C < Tamb < 70°C	T4A	90°C
HZALJ08LU	C, P, T, W, S, L	53W	120-277V 50/60HZ	7561	142.5	80.5	4960	-40°C < Tamb < 70°C	T4A	90°C
HZALJ08LD	C, P, T, W, S, L	53W	127 - 250 VDC	7561	142.5	80.5	4960	-40°C < Tamb < 65°C	T4A	90°C
HZALJ08LN	C, P, T, W, S, L	53W	347/480V 60HZ	7561	142.5	80.5	4960	-40°C < Tamb < 70°C	T4A	90°C
HZALJ10LU	C, P, T, W, S, L	67W	120-277V 50/60HZ	9634	144.3	80.6	4896	-40°C < Tamb < 70°C	T4A	90°C
HZALJ10LD	C, P, T, W, S, L	67W	127 - 250 VDC	9634	144.3	80.6	4896	-40°C < Tamb < 65°C	T4A	90°C
HZALJ10LN	C, P, T, W, S, L	67W	347/480V 60HZ	9634	144.3	80.6	4896	-40°C < Tamb < 70°C	T4A	90°C
HZALJ11LU	C, P, T, W, S, L	80W	120-277V 50/60HZ	11410	141.8	80.4	4968	-40°C < Tamb < 65°C	T4A	90°C
HZALJ11LD	C, P, T, W, S, L	80W	127 - 250 VDC	11410	141.8	80.4	4968	-40°C < Tamb < 65°C	T4A	90°C
HZALJ11LN	C, P, T, W, S, L	80W	347/480V 60HZ	11410	141.8	80.4	4968	-40°C < Tamb < 65°C	T4A	90°C
HZALJ13LU	C, P, T, W, S, L	97W	120-277V 50/60HZ	13430	138.7	80.6	4959	-40°C < Tamb < 65°C	T4A	90°C
HZALJ13LD	C, P, T, W, S, L	97W	127 - 250 VDC	13430	138.7	80.6	4959	-40°C < Tamb < 65°C	T4A	90°C
HZALJ13LN	C, P, T, W, S, L	97W	347/480V 60HZ	13430	138.7	80.6	4959	-40°C < Tamb < 60°C	T4A	90°C
HZALJAM4LU	C, P, T, W, S, L	57W	120-277V 50/60HZ	4150	73.2	21.0	Amber	-40°C < Tamb < 65°C	T4A	90°C
HZALJAM4LD	C, P, T, W, S, L	57W	127 - 250 VDC	4150	73.2	21.0	Amber	-40°C < Tamb < 65°C	T4A	90°C
HZALJAM4LN	C, P, T, W, S, L	57W	347/480V 60HZ	4150	73.2	21.0	Amber	-40°C < Tamb < 60°C	T4A	90°C
HZALJAM5LU	C, P, T, W, S, L	85W	120-277V 50/60HZ	4895	57.7	22.8	Amber	-40°C < Tamb < 65°C	T4A	90°C
HZALJAM5LD	C, P, T, W, S, L	85W	127 - 250 VDC	4895	57.7	22.8	Amber	-40°C < Tamb < 65°C	T4A	90°C
HZALJAM5LN	C, P, T, W, S, L	85W	347/480V 60HZ	4895	57.7	22.8	Amber	-40°C < Tamb < 55°C	T4A	90°C

1. When FG or optics options are selected, total lumens, lumens per watt, CRI, CCT or ambient temperature may change. Consult factory for values.

2. Ambient temperature range is 0°C < Tamb < 40°C when EM option is selected.

HZALJ 08 - L - U - CG - 5 - G - T - XX

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BASIC LUMINAIRE

HZALJ = North American Standards
EXHZALJ = ATEX and IECEx Standards

2

LUMENS / WATTS

04 = 3,253 Lumens / 22 Watts
06 = 5,749 Lumens / 39 Watts
08 = 7,561 Lumens / 53 Watts
10 = 9,634 Lumens / 67 Watts
11 = 11,410 Lumens / 80 Watts
13 = 13,430 Lumens / 97 Watts
AM4 = Amber (4,150 Lumens / 57 Watts)
AM15 = Amber (4,895 Lumens / 85 Watts)

3

LAMP TYPE

L = LED (5000K CCT - White Light)*

4

VOLTAGE/FREQUENCY

U = 120- 277V 50/60HZ
D = 127-250VDC³
N = 347/480V 60HZ³

5

LENS

CG = Clear Tempered Glass⁴
FG = Frosted Tempered Glass^{3,4}
CP = Clear Polycarbonate³

6

OPTICS

Blank = Type V
1 = Type I
3 = Type III
5 = Type V Wide Beam

7

GUARD

G = Stainless Steel Wire Guard

8

MOUNTING STYLE

P = 3/4" Pendant Mount
PI = 1" Pendant Mount
C = 3/4" Ceiling Mount
CI = 1" Ceiling Mount
W = 3/4" Wall Mount
WI = 1" Wall Mount
T = 3/4" Trunnion Mount
TI = 1" Trunnion Mount
S = 1-1/4" 25° Stanchion
SI = 1-1/2" 25° Stanchion
L = 1-1/4" 90° Stanchion
LI = 1-1/2" 90° Stanchion

9

OPTIONS

EM = Emergency Battery Backup^{2,3}
FB1 = Single Fuse Block^{1,3}
FB2 = Double Fuse Block^{1,3}
SC = Safety Cable
30 = 3000K CCT*
40 = 4000K CCT*

1. When selected, one fuse block is provided for 120V or 277V, two fuse blocks are provided for 208V – 240V or 480V. Fuse options not available with 347V, fixtures listed for use in Canada, marine listed fixtures or fixtures with EM option.

2. EM Option not available with 347/480V or 127-250VDC models.

3. Not available for EXHZALJ models.

4. Not for Class II use in Canada without suffix "G", guard.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

* Not available when amber light is selected.