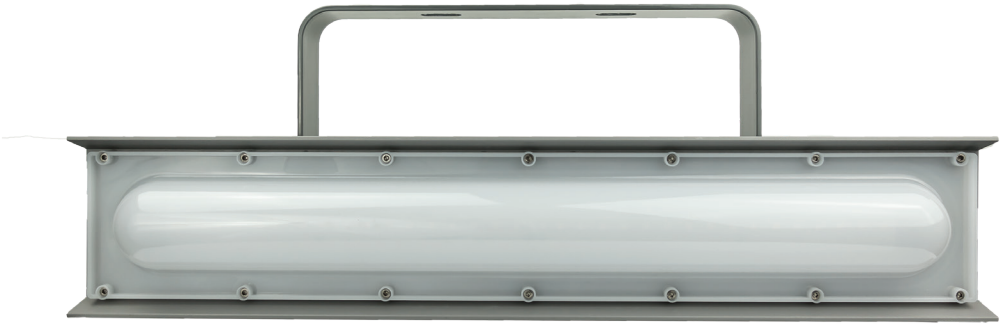
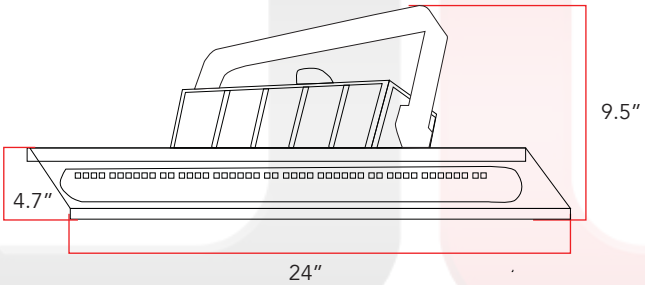
LED EXPLOSION PROOF LIGHT

Explosion Proof Outdoor LED Luminaire (H SERIES)

This LED Explosion Proof Light can provide general illumination in hazardous locations such as oil refineries, gasoline loading docks, distilleries, pumping stations, mines, vessels, paint manufacturing plants and other high humidity, high temperature, dusty locations.



DIMENSIONS



Voltage	H2 – DIMS (in)	H4 – DIMS (in)
AC100-277V models	24”x4.7”x9.5”	47”x4.7”x9.5”
AC200-480V models	24”x4.7”x9.5”	47”x4.7”x9.5”

CERTIFICATIONS & RATINGS

- NEMA 4X, IP66
- UL1598/UL1589A/UL844
- CSA C22.2 No. 137/No.250.0
  - Class I, Division 2, Groups A,B,C,D
  - Class II, Division 1, Groups E,F,G
  - Class II, Division 2, Groups E,F,G
  - Class III
- IECEX
- ATEX
- L70

FEATURES

- Copper free aluminum
- High vibration resistance
- IP67 Waterproof
- Reduces energy consumption up to 60%
- Cree LED Chips
- Mean Well driver
- Wide and narrow optics for uniform illumination
- Surface mounting and pendant installations
- 5 Year Manufacturer’s Warranty

COMMON TECHNICAL DATA

Color Temperature	4000K to 5700K
CRI	> 80
Beam Angle	120°
Operation Temperature	-40°C to 60°C
Efficiency	More than 140 LPW
Input Voltage	AC100-277V/200-480V
Frequency	50-60Hz
Power Factor	More than 0.90
Rated Life	150,000 hours
LED Type	Cree LED Chips

WARRANTY

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. JL Lighting does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in the country of purchase. JL Lighting reserves the right to alter specifications without prior notice.

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10/02/18

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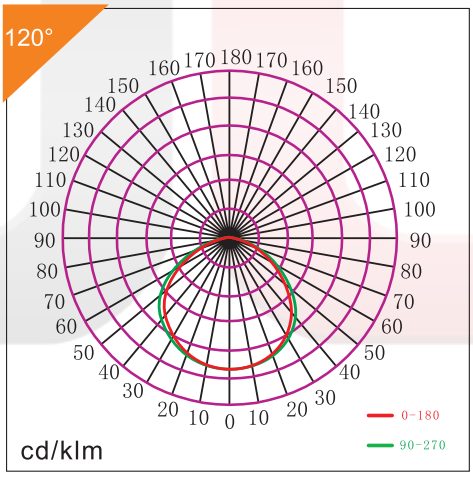
PRODUCT SPECIFICATION

Product Number	Watt	CCT	Voltage	Lumens	Working Hrs	CRI
JLX-10W H2YZDA	10	4000K-5700K	AC100-277V	1400	5 Years	70
JLX-20W H2YZDA	20	4000K-5700K	AC100-277V	2800	5 Years	70
JLX-40W H4YZDA	40	4000K-5700K	AC100-277V	5600	5 Years	70
JLX-50W H4YZDA	50	4000K-5700K	AC100-277V	7000	5 Years	70
JLX-60W H4YZDA	60	4000K-5700K	AC100-277V	8400	5 Years	70

ORDERING GUIDE

JLX	10W/20W/30W/40W/50W/60W	H	D/N	4000K-5700K	120°
Company Code	Wattage	Series	X= Dimming Options	Y= CCT	Z= Beam Angle

LIGHT DISTRIBUTION



CAUTION

- Risk of fire- make sure power is OFF before installation.
- Risk of electric shock- make installation with gloves.
- All wiring needs to be performed per National Electrical Code and local code by a qualified electrician.
- These lamps can be used with a light dimmer.
- High temperatures inside luminaire make certain line voltage corresponds with ballast's primary voltage.
- If the lamp or luminaire exhibits undesirable operation (i.e. buzzing, flickering, etc.), immediately turn off power and remove the lamp from luminaire and contact manufacturer.
- Luminaires should not be installed in narrow space to guarantee enough air convection.
- Do not make mass installation before sample testing.

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PRELIMINARY

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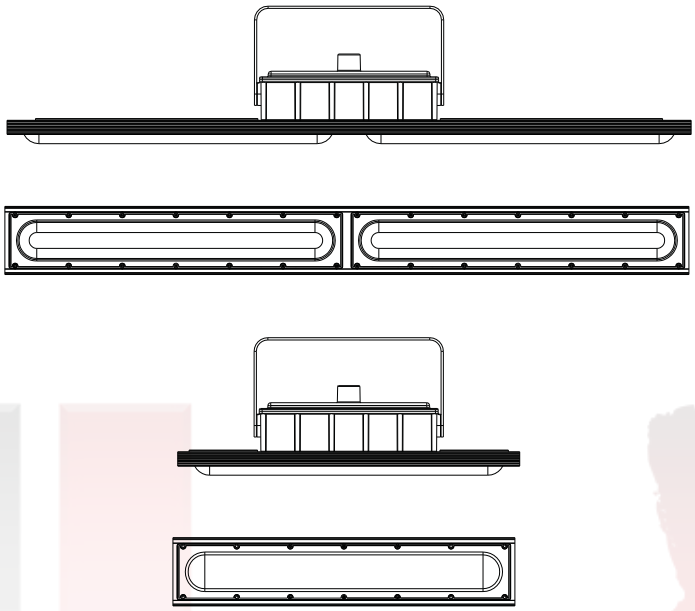
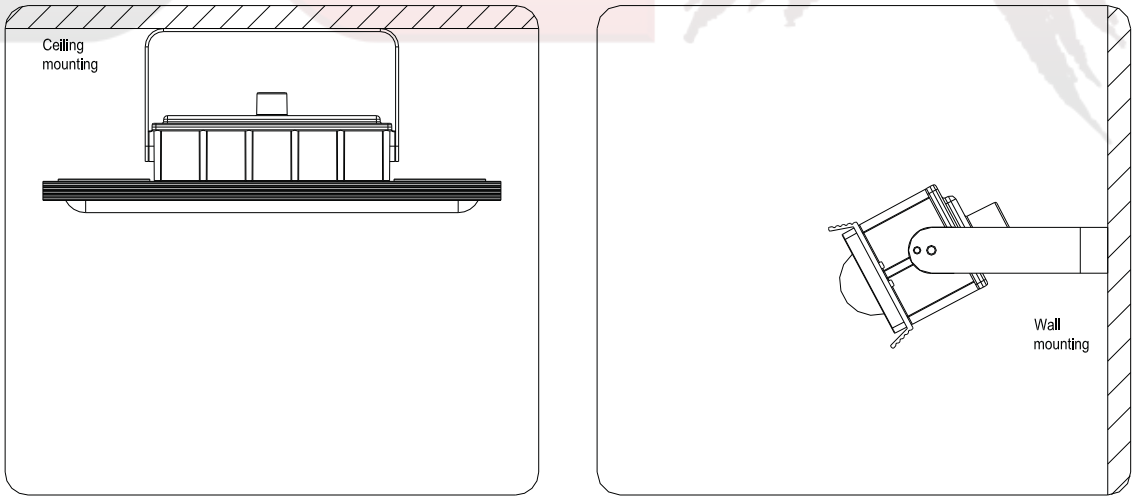
STRUCTURE DIAGRAM



MOUNTING OPTIONS



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