

LED EXPLOSION PROOF LIGHT

Explosion Proof Outdoor LED Luminaire (H SERIES)

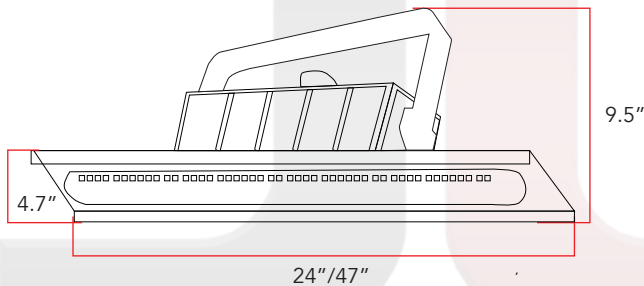


Our H Series LED Explosion Proof Light can provide general illumination in hazardous locations such as oil refineries, gasoline loading docks, distilleries, pumping stations, mines, vessels, paint manufacturing plants and other high humidity, high temperature, dusty locations.



BUY NOW

DIMENSIONS



CERTIFICATIONS & RATINGS



- NEMA 4X, IP66
 - UL1598/UL1589A/UL844
 - CSA C22.2 No. 137/No.250.0
 - IECEx
 - ATEX
 - L70
- 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

FEATURES

- Copper free aluminum
- High vibration resistance
- IP66 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	5000K
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. James® 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. James® reserves the right to alter specifications without prior notice.

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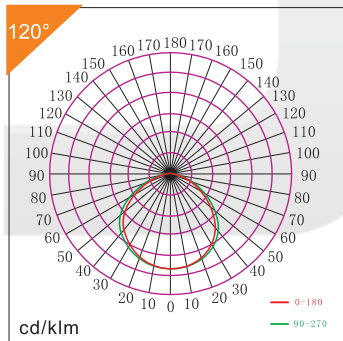
PRODUCT SPECIFICATION

Product Number	Length	Wattage	Color	Beam Angle	Lumens	Input Voltage
JLX -40W H2YZA	2 FT	40W	5000K	40°, 60°, 90°, 120°	5,600	AC100-277V/AC200-480V
JLX -40W H4YZA	4 FT	40W	5000K	40°, 60°, 90°, 120°	5,600	AC100-277V/AC200-480V
JLX -60W H4YZA	4 FT	60W	5000K	40°, 60°, 90°, 120°	8,400	AC100-277V/AC200-480V
JLX -80W H4YZA	4 FT	80W	5000K	40°, 60°, 90°, 120°	11,200	AC100-277V/AC200-480V

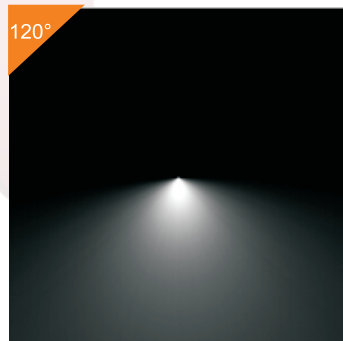
ORDERING GUIDE

JLX	40W/60W/80W	H	D/N	5000K	120°	C/Blank
Company Code	Wattage	Series	X= Dimming Options	Y= CCT	Z= Beam Angle	A= Long Glass Cover/ None

LIGHT DISTRIBUTION



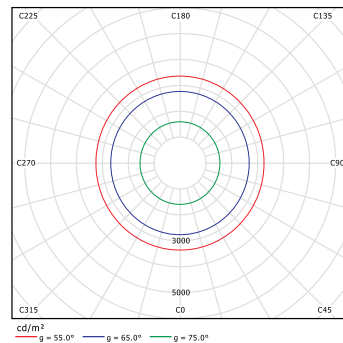
Light intensity curve (60W)



Plane illuminance curve

Distance [m]	Pyramid Diameter [m]	E (E ₁) [lx]	E (E ₂) [lx]
1.0	1.91	8039	717
2.0	4.13	1915	204
3.0	5.90	767	98
4.0	8.26	329	41
5.0	11.03	192	25
6.0	12.10	102	15

Distance [m] Pyramid Diameter [m] Illuminance [lx]
 — C0- C180 Half divergence angle: 111.4°



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.