

# LED EXPLOSION PROOF LIGHT

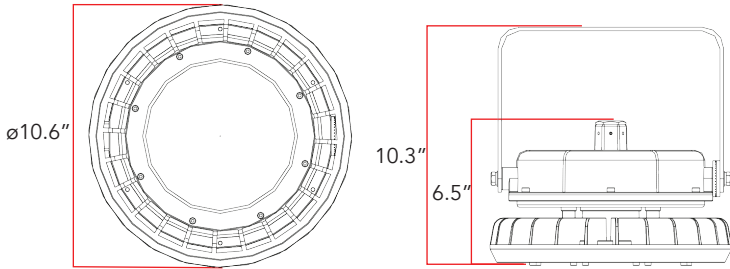
Explosion Proof Outdoor LED Luminaire



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	B – DIMS (in)	B2 – DIMS (in)	B3 – DIMS (in)
UNV models	ø10.6"x6.5"/15.5"	ø9.2"x9"/14"	ø14.6"x11.4"/18.8"
480V models	ø10.6"x6.5"/15.5"	ø9.2"x9"/14"	ø14.6"x11.4"/18.8"

## 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

## 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.

## 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

## COMMON TECHNICAL DATA

Color Temperature	4000K to 5000K
CRI	> 70
Beam Angle	40°, 60°, 90°, 120°, 140°
Operation Temperature	-40°C to 40°C
Efficiency	More than 140 LPW
Input Voltage	UNV/480V
Frequency	50-60Hz
Power Factor	More than 0.90
Rated Life	150,000 hours
LED Type	Cree LED Chips

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Explosion Proof Outdoor LED Luminaire

## PRODUCT SPECIFICATION

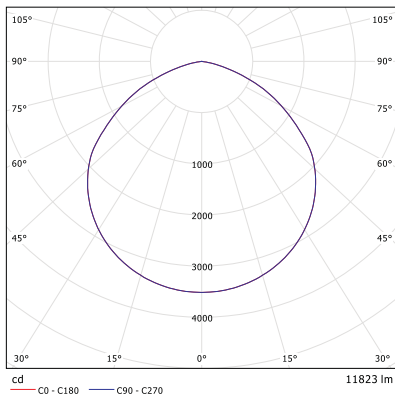
Product Number	Wattage	CCT	Voltage	Lumens	Working Hrs	CRI
NHL-HLX	20	4000K-5000K	UNV	2800	5 Years	70
NHL-HLX	40	4000K-5000K	UNV	5600	5 Years	70
NHL-HLX	60	4000K-5000K	UNV or 480V	8400	5 Years	70
NHL-HLX	80	4000K-5000K	UNV or 480V	11200	5 Years	70
NHL-HLX	100	4000K-5000K	UNV or 480V	14000	5 Years	70
NHL-HLX	150	4000K-5000K	UNV or 480V	21000	5 Years	70
NHL-HLX	200	4000K-5000K	UNV or 480V	28000	5 Years	70

## ORDERING GUIDE

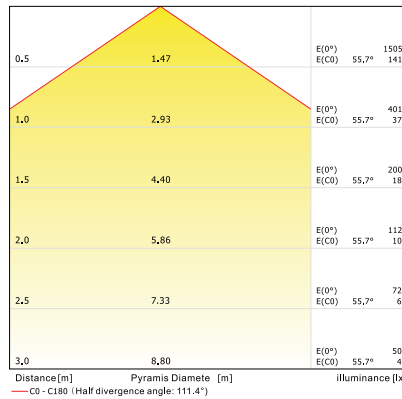
NHL-HLX	20W/40W/60W/80W/100W 150W/200W	4000K-5000K	UNV or 480V	A=40°, B=60°, C=90°, D=120°
Company Code	Wattage	Z= CCT	Voltage	Beam Angle

## LIGHT DISTRIBUTION

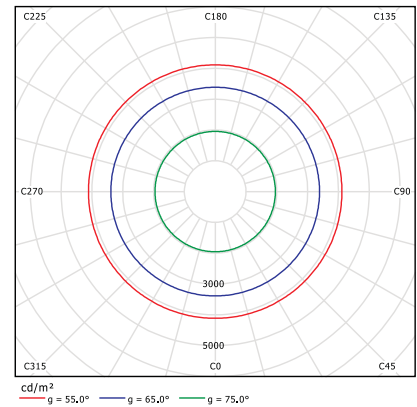
Light Distribution Pattern (80W)



Light intensity curve



Plane illuminance curve



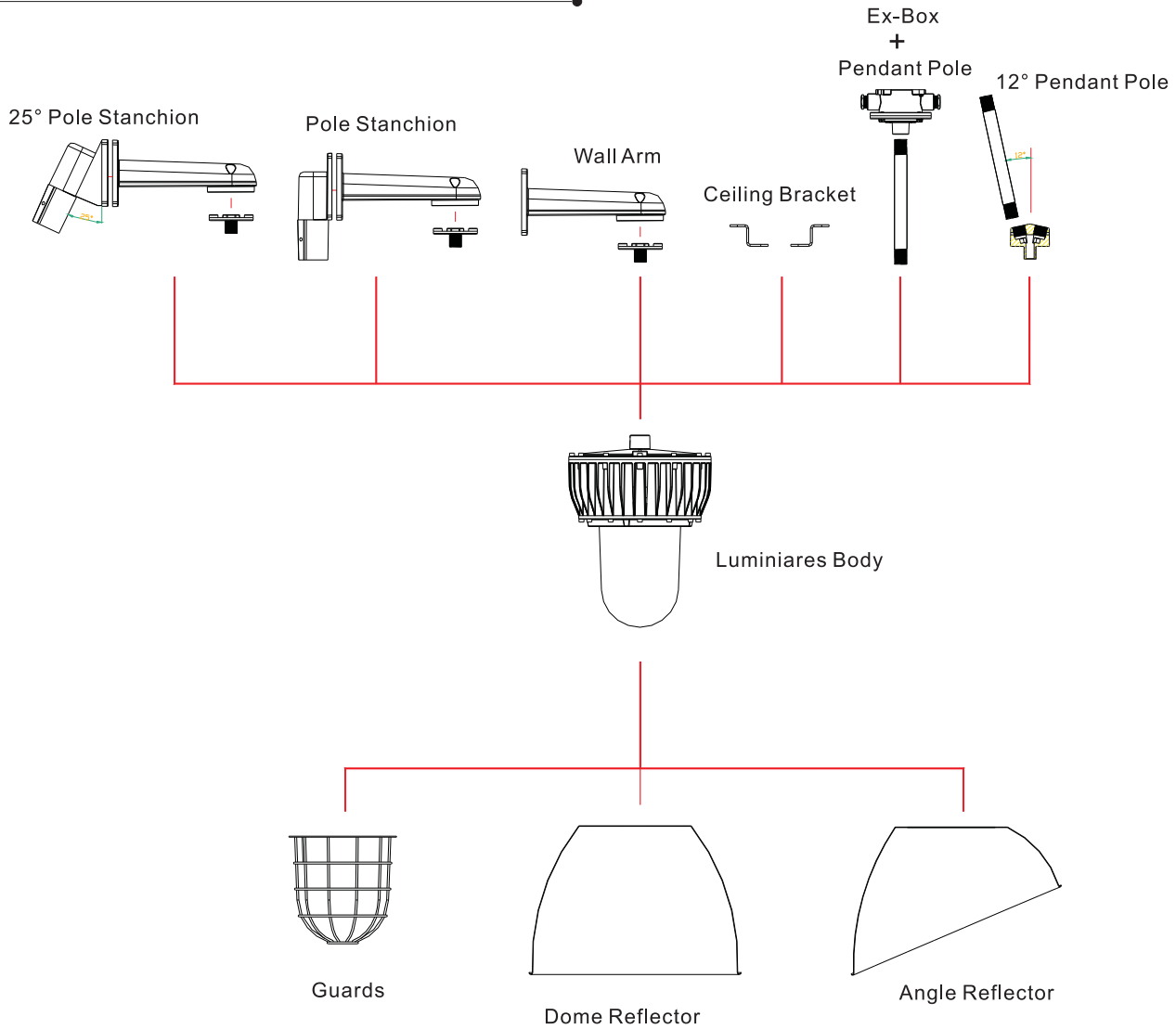
## CAUTION

- 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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## MOUNTING OPTIONS



Adaptor	Conduit	Catalog No.
25° Pole Stanchion	3/4" or 1"	25DPS
Pole Stanchion	3/4" or 1"	PS
Wall Arm	3/4" or 1"	WA
Ceiling Bracket	Expand Screw	CB
Pendant Pole	Use Ex-Box	PP
12° Pendant Pole	3/4" or 1"	12DPP
Ex-Box	3/4"	EB