

LED EXPLOSION PROOF LIGHT

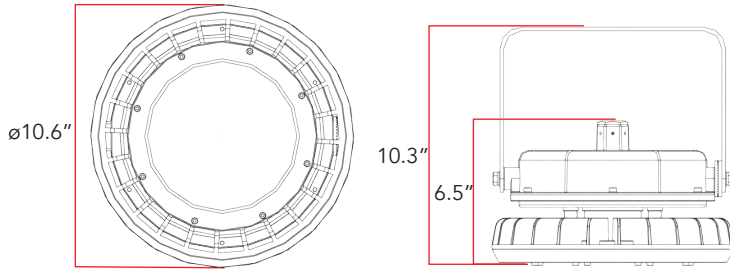
Explosion Proof Outdoor LED Luminaire (B SERIES)

ECOMAX
LIGHTING

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



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%
- Philips 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	> 70
Beam Angle	40°, 60°, 90°, 120°, 140°
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	Philips 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. Ecomax® 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. Ecomax® reserves the right to alter specifications without prior notice.

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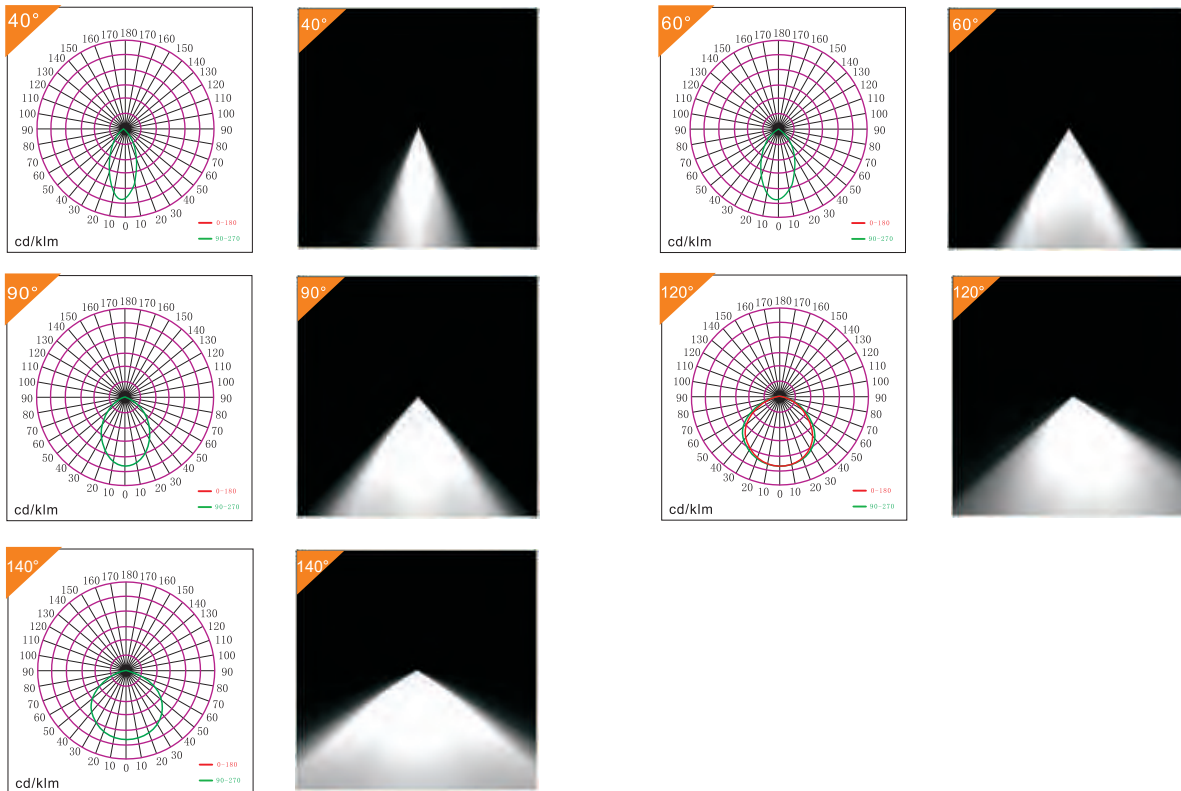
PRODUCT SPECIFICATION

Product Number	Wattage	Color	Beam Angle	Lumens	Input Voltage
EX-40W B2N50D120	40W	4000K-5700K	40°, 60°, 90°, 120°, 140°	5200	AC100-277V
EX-60W BN50D120	60W	4000K-5700K	40°, 60°, 90°, 120°, 140°	7800	AC100-277V/AC200-480V
EX-80W BN50D120	80W	4000K-5700K	40°, 60°, 90°, 120°, 140°	10400	AC100-277V/AC200-480V
EX-100W B3N50D120	100W	4000K-5700K	40°, 60°, 90°, 120°, 140°	13000	AC100-277V/AC200-480V
EX-150W B3N50D120	150W	4000K-5700K	40°, 60°, 90°, 120°, 140°	19500	AC100-277V/AC200-480V
EX-200W B3N50D120	200W	4000K-5700K	40°, 60°, 90°, 120°, 140°	26000	AC100-277V/AC200-480V

ORDERING GUIDE

EX	40W-200W	B	D/N	4000K-5700K	40°, 60°, 90°, 120°, 140°	C/Blank
Company Code	Wattage	Series	X= Dimming Options	Y= CCT	Z= Beam Angle	A= Long Glass Cover/ None

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.