



## EXPLOSION PROOF LED HIGH BAY LIGHT

# EX-B Series

- ★ Instant illumination and no warm-up required, high lighting efficacy 140LM per watt.
- ★ Taiwan Meanwell power supply- world class brand, built-in 6Kv surging device and with OTP circuit , it's more stable and long lifespan.
- ★ Energy-efficient technology- up to 70% energy savings over HID fixtures.
- ★ Contains no mercury or other hazardous substances.
- ★ Vibration-resistant, use Tempered class lens and ACDC Aluminum shell, which greatly reduces the risk of premature failure.
- ★ Easy to install, and it's more safe to use U mounting brackets with 304 stainless steel materials.
- ★ IP66 waterproof rating.
- ★ Ambient temperature -40 °C to 55 °C .

Model number	Wattage	Dimension	Input voltage	Lumens(lm)	Luminous Efficacy	Beam Angle	Equivalent to HID
EX-60W BN50D120	60W	10.6"x10.6"x6.5"	100-277V <sub>ac</sub>	8400	140lm/W@5000K	120°	150W
EX-100W B3N50D120	100W	14.6"x14.6"x11.3"		1400			200W
EX-150W B3N50D120	150W	14.6"x14.6"x11.3"		21000			300W
EX-200W B3N50D120	200W	14.6"x14.6"x11.3"		28000			400W
EX-300W B4N50D120	300W	18.9"x18.9"x9.5"		42000			600W
EX-400W B4N50D120	400W	18.9"x18.9"x9.5"		56000			800W

Suitable for Zone 1&2 area, certifications include IECEx, Atex, CB and ABS



B

B2

B3

B4



## ⦿ Certificates and standards

ATEX Certificate number TPS 22 ATEX 102136 0016 X Rev.02  
II 2 G Ex eb mb IIC T6...T4 Gb  
II 2 D Ex tb IIIC T80°C...T100°C Db  
Zone 1&2 area  
ENIEC 60079-0:2018  
EN IEC60079-7:2015 +A1:2018  
EN 60079-18:2015 +A1:2017  
EN IEC60079-31:2014

IECEx marking- Certificates number TPS 22.0028X  
Ex eb IIC T5...T6 Gb  
Ex tb IIIC T80°C...T100°C Db  
IEC 60079-0:2017 Ed7.0  
IEC 60079-18:2017 Ed 4.1  
IEC 60079-31:2013 Ed 2  
IEC 60079-7:2017 Ed 5.1  
Zone 1&2 area

Marking UL844 (North American)  
Class I, Division 2, Groups A, B, C, D  
Class II, Division 1, Groups E, F, G  
Class II, Division 2, Groups F, G  
Class III  
UL 1598 Luminaries, UL 1598A Marine  
CSA C22.2#137

## ⦿ Applications

- ★ Oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, platforms, loading docks, tunnels, indoor/outdoor spotlighting, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present
- ★ Extremely corrosive, wet, dusty, hot and/or cold conditions
- ★ Classified and hazardous locations

## ⦿ Packing Information

Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
B	1PCS	386x330x220mm/15.19x12.99x8.66inch	4.4 kgs/ 9.70 lbs	5.5 kgs/ 12.13 lbs
B2	1PCS	360x354x260mm/14.17x13.94x10.24inch	3.5 kgs/ 7.72 lbs	5 kgs/ 11.02 lbs
B3	1PCS	480x460x265mm/18.90x18.11x10.43inch	8.2 kgs/ 18.08 lbs	10.5 kgs/ 23.15 lbs
B4	1PCS	530x530x300mm/20.87x20.87x11.81inch	18.8 kgs/ 41.45 lbs	21.5 kgs/ 47.40 lbs

**1** years  
warranty