

EXPLOSION PROOF LIGHT B SERIES



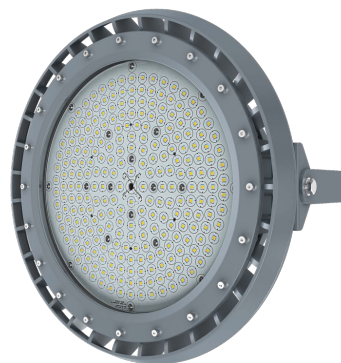
B2



B



B3



B4



Explosion Protection

Marking ATEX

II2 G Ex mb eb IIC T4 Gb
 II2 D Ex tb IIIC T135C Db IP66
 II3 G Ex ec IIC T3C Gc
 II2 D Ex tb IIIC T135C Db IP66

Marking IECEx Ex
 mb eb IIC T4 Gb
 Ex tb IIIC T135C Db IP66
 Ex ec IIC T3C Gc
 Ex tb IIIC T135C Db IP66

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

Marine Marking
 UL1598, UL1598A
 ABS

Other Rating
 IP 66

Materials

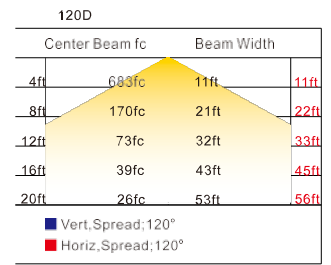
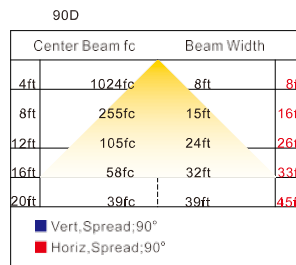
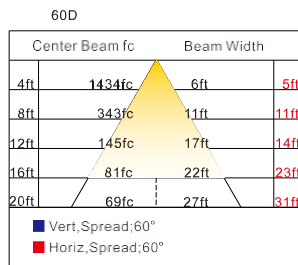
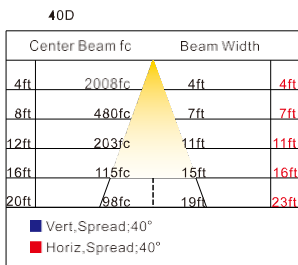
- Housing: Aluminum
- Lens: Tempered glass

- Hardware: stainless steel
- Mounting Bracket: stainless steel

Features

- Working Temperature: -40°C ~ +55°C.
- High quality SMT LED and Meanwell Driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle.

Light Distribution



Specification

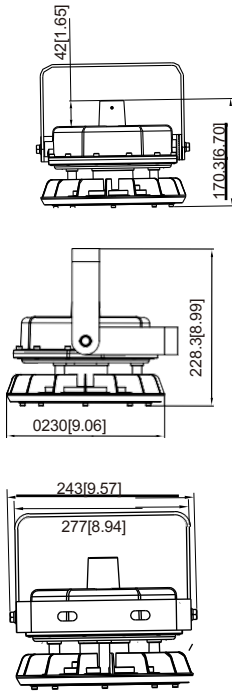
| Product Number | Wattage | Color Temperature | Voltage | Lumens | Warranty | CRI |
|----------------|---------|-------------------|--|--------|----------|-----|
| EX-20W B2YZDA | 20 | 2200K-7000K | AC100-277V(by driver or by IC) Or DC12-48V | 2800 | 5 years | 80 |
| EX-40W B2YZDA | 40 | | | 5600 | | |
| EX-60W BYZDA | 60 | | AC100-277V(by driver or by IC) Or DC12-48V Or AC200-480V(<65W) | 8400 | | |
| EX-80W BYZDA | 80 | | | 11200 | | |
| EX-100W B3YZDA | 100 | | AC100-277V(by driver or by IC) Or DC12-48V Or AC200-480V | 14000 | | |
| EX-120W B3YZDA | 120 | | | 16800 | | |
| EX-150W B3YZDA | 150 | | | 21000 | | |
| EX-200W B3YZDA | 200 | | | 28000 | | |
| EX-250W B4YZDA | 250 | | | 35000 | | |
| EX-300W B4YZDA | 300 | | | 42000 | | |
| EX-350W B4YZDA | 350 | | | 49000 | | |
| EX-400W B4YZDA | 400 | | | 56000 | | |

Packing Information

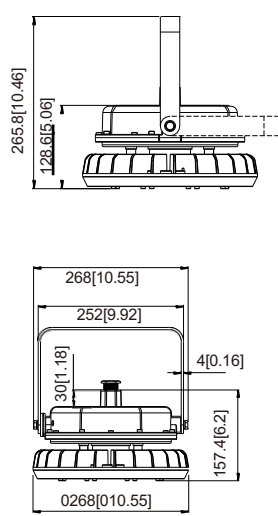
| Model | Quantity/Carton | Length(cm) | Width(cm) | Height(cm) | Net weight(kg) | Gross weight(kg) |
|-------|-----------------|------------|-----------|------------|----------------|------------------|
| B | 1 | 38.6 | 33 | 22 | 4.4 | 5.5 |
| B2 | 1 | 36 | 35.4 | 26 | 3.5 | 5 |
| B3 | 1 | 48 | 46 | 26.5 | 8.2 | 10.5 |
| B4 | 1 | 53 | 53 | 44 | 18.8 | 21.5 |

Dimension

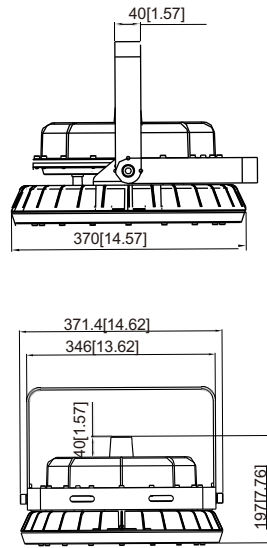
Model B2



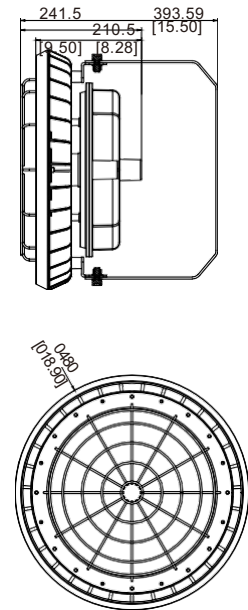
Model B



Model B3

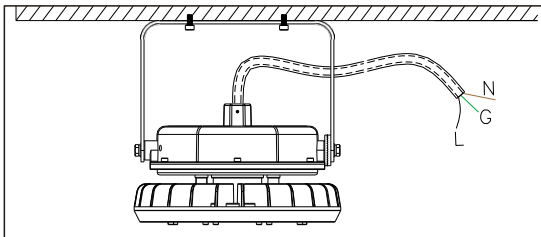


Model B4

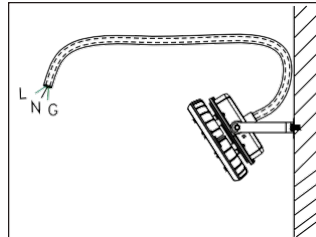


Mounting

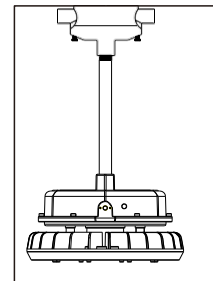
No.1: Ceiling Mounting



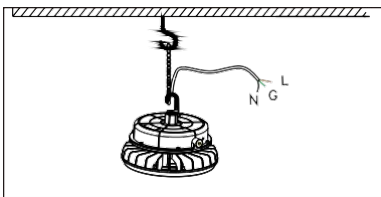
No.2: Wall Mounting



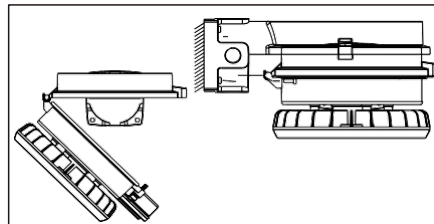
No.3: Pole Pendant



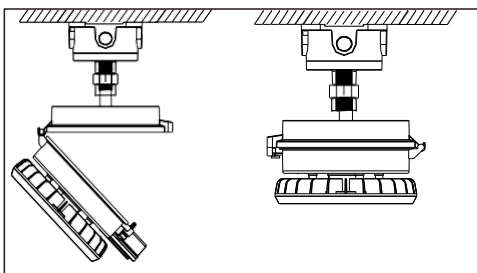
No.4: Hook Pendant



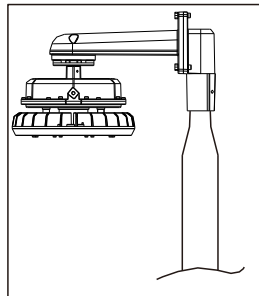
No.6: Arm Mounting by Opening Driver Box



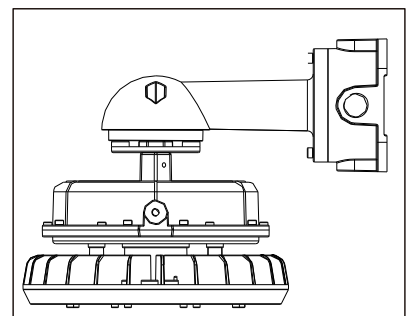
No.5: Ceiling Mounting by Opening Driver Box



No.7: Stanchion Mounting



No.8: Wall Mounting



Accessories



- Model: Ex-Junction01 Name: Junction Box Material: Aircraft Aluminum A383



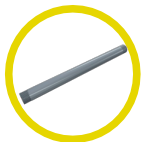
- Model: EX-Hook Name: Installation Hook Material: Aircraft Aluminum A383



- Model: Ex-Conduit01 Name: Metal Conduit Material: Stainless Steel and Aluminum



- Model: EX-WPipe Name: Winding Swing Pipe Material: Iron with Power Coating



- Model: EX-SPipe Name: Winding Swing Pipe Material: Iron with Power Coating



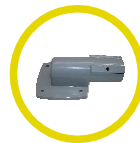
- Model: Ex-D01 Name: Pendant Direction Adapter Material: Aircraft Aluminum A383



- Model: EX-MArm Name: Surface Mounting Arm Material: Aircraft Aluminum A383



- Model: EX-25PSupport Name: 25 Degree Pole Support Material: Aircraft Aluminum A383



- Model: EX-90PSupport Name: 90 Degree Pole Support Material: Aircraft Aluminum A383



- Model: Ex-90JSupport Name: 90° Arm to Junction box Material: Aircraft Aluminum A383



- Model: Ex-25JSupport Name: 25° Arm to Junction box Material: Aircraft Aluminum A383



- Model: Ex-DArm Name: Direct Mounting Arm Material: Aircraft Aluminum A383



- Model: Ex-ShadeB/B2/B3 Name: Lamp Shade Material: Aluminum A6061



- Model: Ex-CshadeB/B2/B3 Name: Cut off lamp shade Material: Aluminum A6061



- Model: Ex-Chain Name: Pendant Chain Material: Stainless Steel S30400



- Model: Ex-90JSupport Name: 90° Arm to Junction box Material: Aircraft Aluminum A356



- Model: Ex-25JSupport Name: 25° Arm to Junction box Material: Aircraft Aluminum A356

