



Explosion Proof Light B Series



Industrial Field & Hazardous Locations



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Applications

Oil and Gas industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry

- All mining operations and service

Chemical industry

- All types of paint facilities
- Chemical production and storage

Ocean, marine and aerospace field

- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Metal treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

Other high humidity, high dust,
high temperature, vapor locations





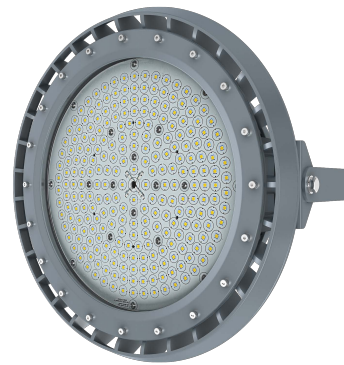
B2



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

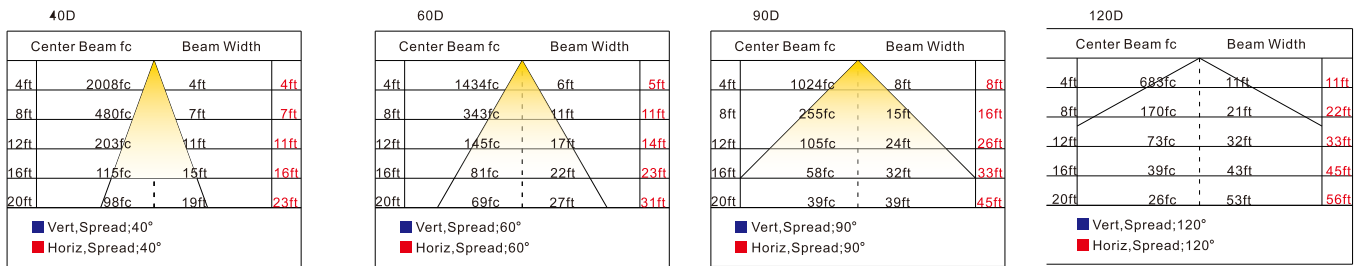
- Housing: Aluminum
- Lens: Tempered glass

- 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

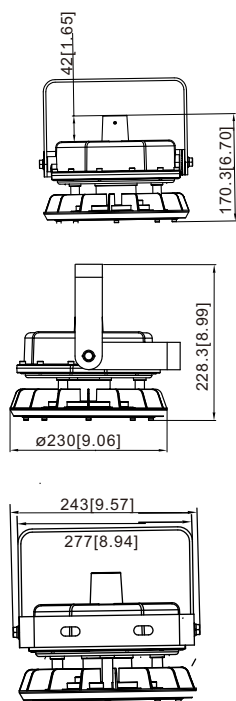
Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-20W B2YZDA	20	2200K-7000K	AC100-277V(by driver or by IC) Or DC12-48V	2800	5 years	80
EX-40W B2YZDA	40			5600		
EX-60W BYZDA	60		AC100-277V(by driver or by IC) Or DC12-48V Or AC200-480V(<65W)	8400		
EX-80W BYZDA	80			11200		
EX-100W 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

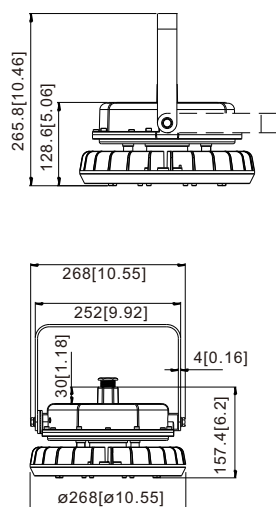
Model	Quantity/Carton	Length(cm)	Width(cm)	Height(cm)	Net weight(kg)	Gross weight(kg)
B	1	38.6	33	22	4.4	5.5
B2	1	36	35.4	26	3.5	5
B3	1	48	46	26.5	8.2	10.5
B4	1	53	53	44	18.8	21.5

Dimension

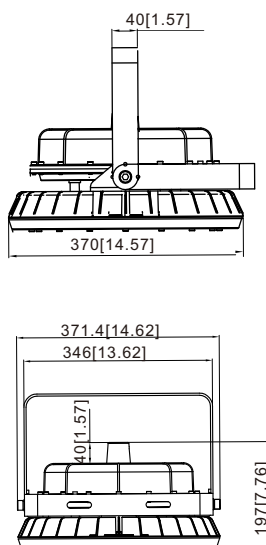
Model B2



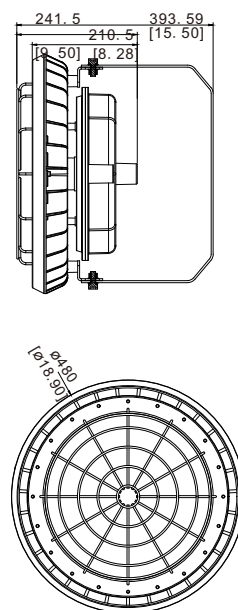
Model B



Model B3

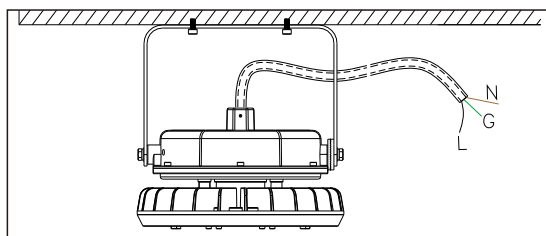


Model B4

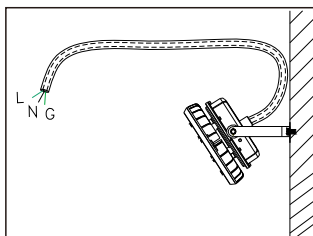


Mounting

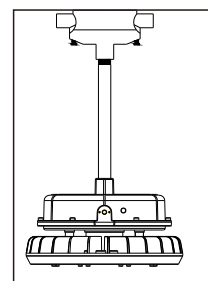
No.1: Ceiling Mounting



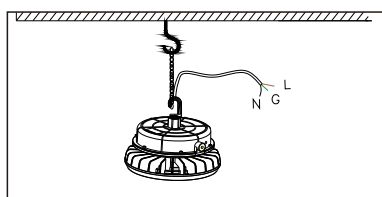
No.2: Wall Mounting



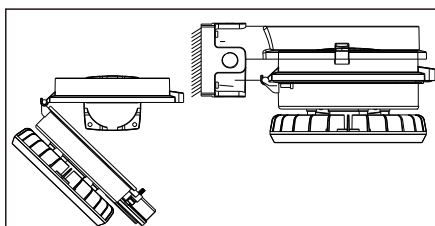
No.3: Pole Pendant



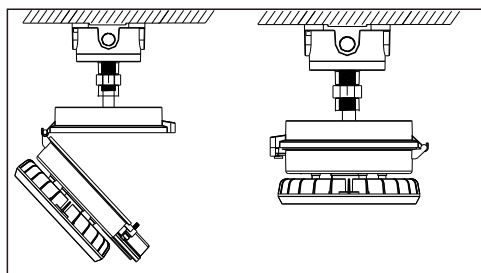
No.4: Hook Pendant



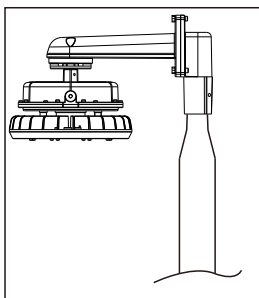
No.6: Arm Mounting by Opening Driver Box



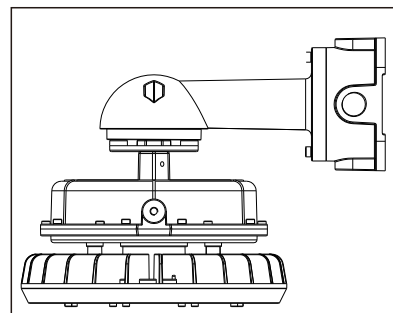
No.5: Ceiling Mounting by Opening Driver Box



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



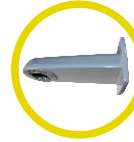
- Model: EX-90PSupport
Name: 90 Degree Pole Support
Material: Aircraft Aluminum A383



- 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



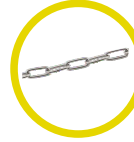
- Model: Ex-DArm
Name: Direct Mounting Arm
Material: Aircraft Aluminum A383



- 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

