

Explosion Proof W Series

Warning Device



Explosion Protection

Marking ATEX	II 2 G Ex db IIC T6 Gb II 2 D Ex tb IIIC T80 Db IP66
Marking IECEx	Ex db IIC T6 Gb Ex tb IIIC T80 Db IP66
Other Rating	IP 66 IK 10

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



Materials

- ★ Housing: die-casting aluminum
- ★ Mounting Bracket: aluminum

Basic Data

Product Number	Max Wattage/Joule	Voltage	Decibel	Warranty
EX-WSLXxxJSxxdB-1	5J	AC220-240V	100/120	5 years
EX-WSLExxWSxxdB-1	35W	AC220-240V DC24V(18-36)		
EX-WSLXxxJSxxdB-2	5J	AC220-240V		
EX-WSLExxWSxxdB-2	35W	AC220-240V DC24V(18-36)		
EX-WSSxxdB-1	25W	AC220-240V DC24V(18-36)		
EX-WSSxxdB-2				
EX-WSLXxxJ-3	5J	AC220-240V	Non	
EX-WSLExxW-3	10W	AC220-240V DC24V(18-36)		

“EX” for explosion proof product; “W”=Product code, “J”=Joule; “LX”=Xenon light, “LE”=LED light; “dB”=Decibel.

Packing Information

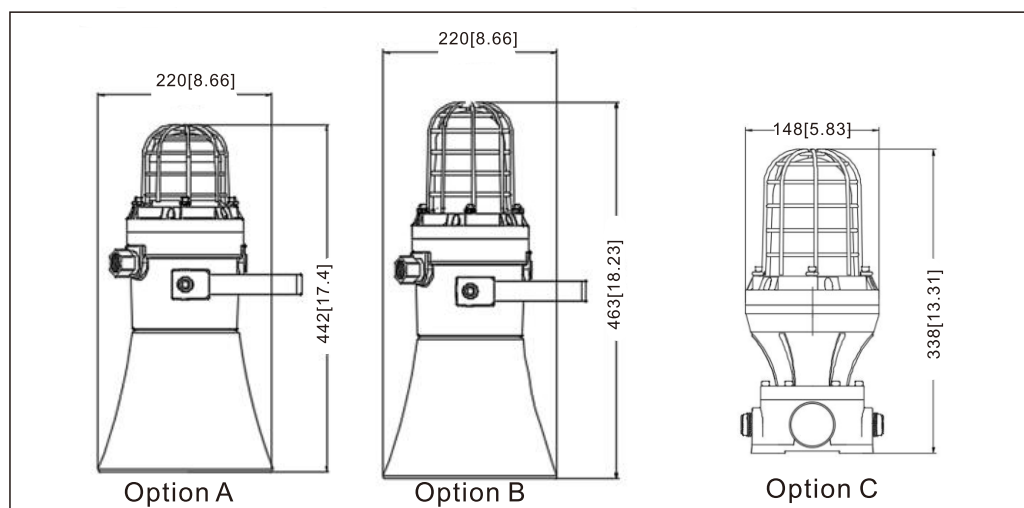
Model	Quantity/Carton	Packing Size(mm)	N.W(KG)	G.W(KG)
Amplifier	1	450*350*350	4.5	6.3
Light A	8	400*400*400	16	18
Light B C D E	1	500*200*200	5	6.5
Fast Connect	1	500*200*200	7	8.5
Amplifier and Light	1	600*350*350	6	7.5

Key Features

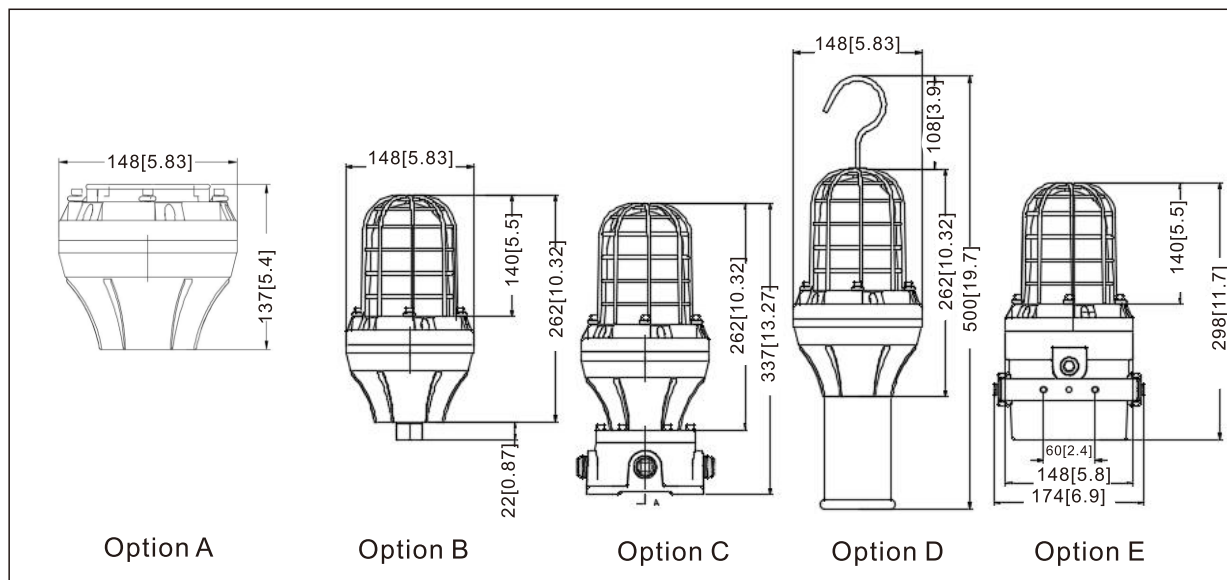
- Multi-functions, can transform into different lights to suit different locations and needs.
- Various material and color for lamp and amplifier are optional.
- Diversity of mounting methods.
- Suitable for Explosion proof environment both marine and on land.
- Working Temperature: -40℃ ~ +60℃.

Mechanical Structure

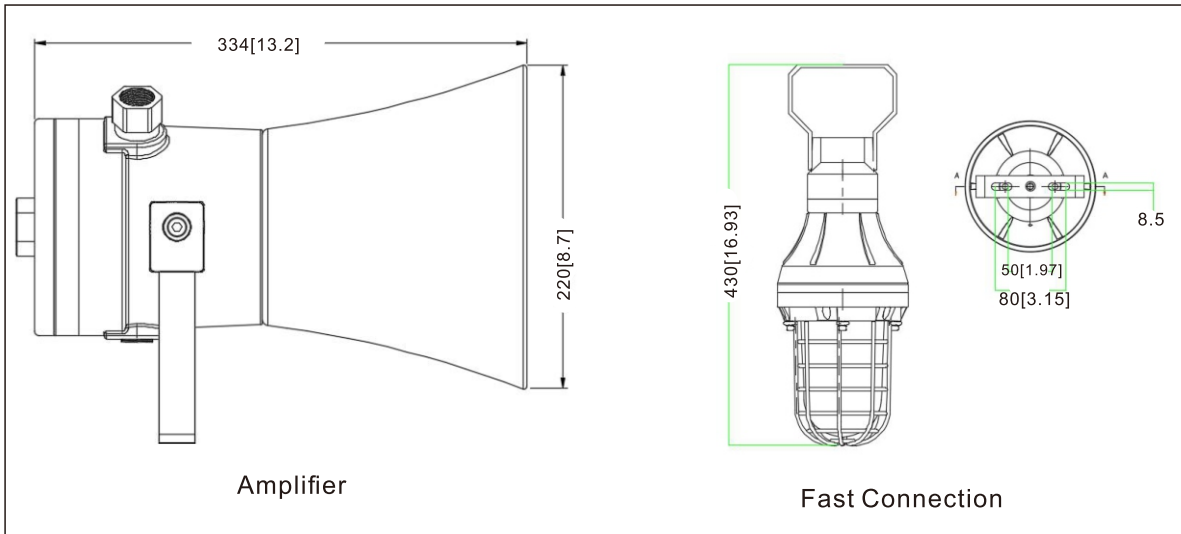
Integrated with amplifier and light



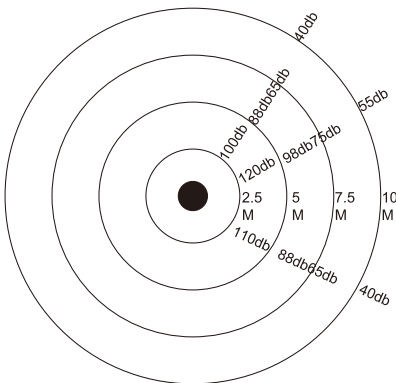
Light



Amplifier And fast connection



Distribution



Installation Manual

WARNING

READ THIS INSTRUCTION CAREFULLY BEFORE INSTALLING. KEEP THIS INSTRUCTION FOR FUTURE REFERENCE.

Fixtures must be wired in accordance with the National electrical code and all applicable local codes. Proper grounding is required for safety.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Warning: Risk of fire or electric shock. High bay Light installation requires knowledge of luminaires and electrical systems. If not qualified, DO NOT try to install. Please contact an electrician.

Warning: Risk of fire or electric shock. Suitable for wet locations. Make sure the power is off prior to install.

Warning: Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.

Warning: DO NOT install in unstable, loose or breakable surfaces.

Warning: DO NOT let objects impact or exert force on the surface of the fixture.

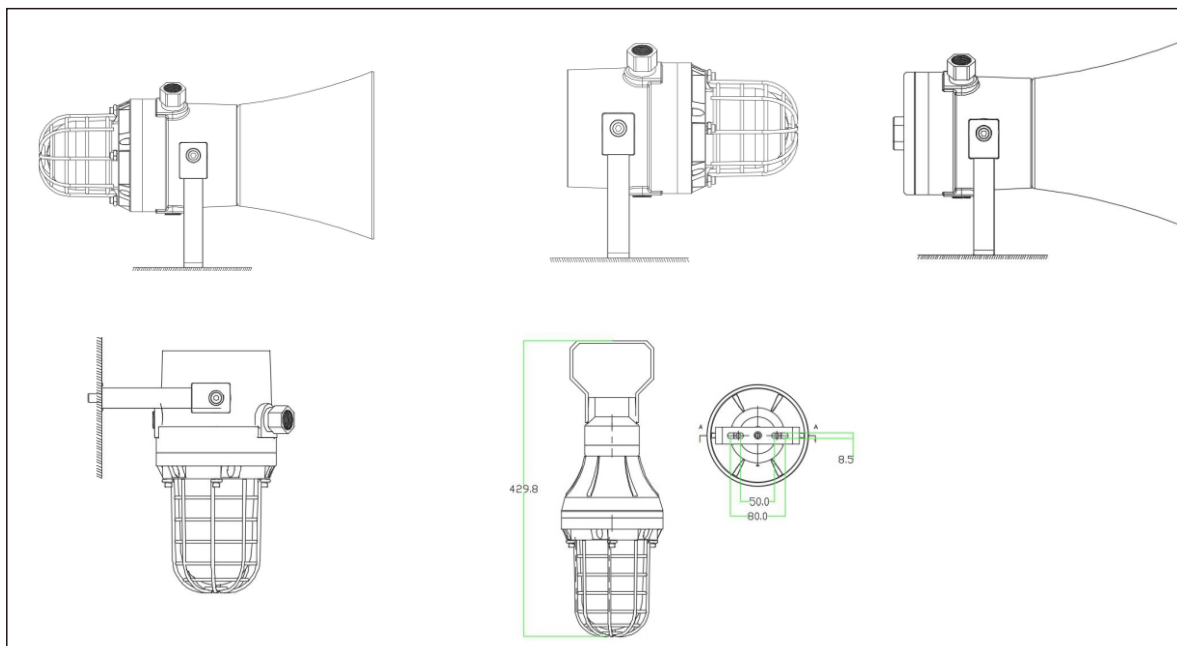


⚠ WARNING

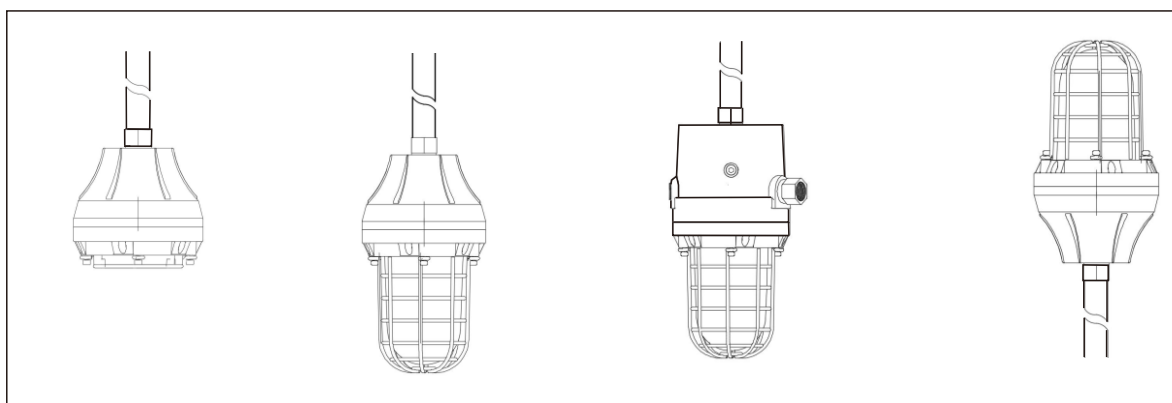
Risk of fire, Electric shock or personal injury
Before installation, turn off power!

Installation Methods

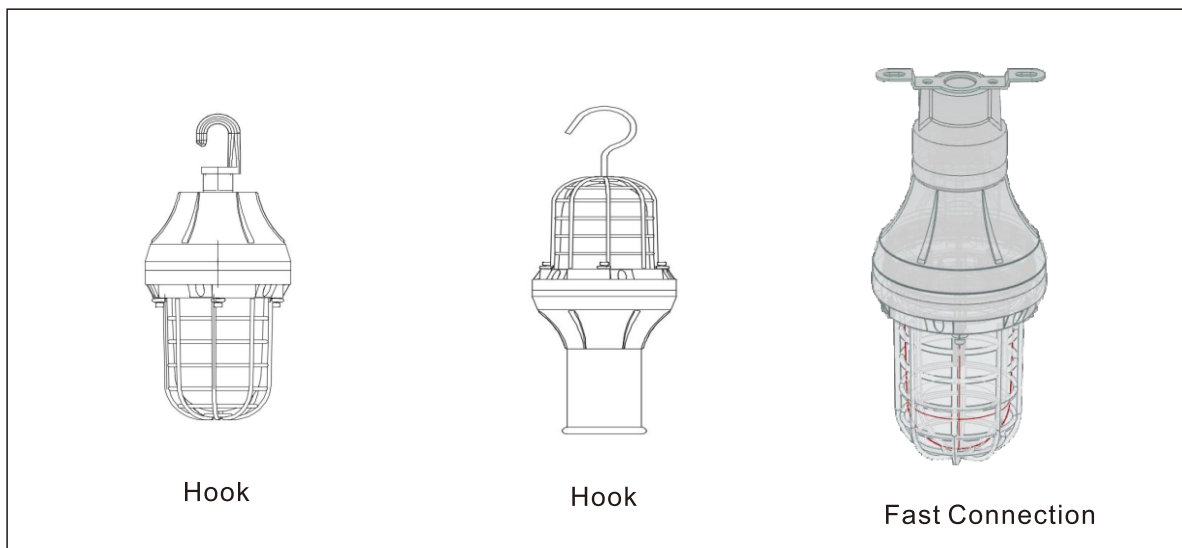
No.1 Bracket mounting(Adjustable angle)



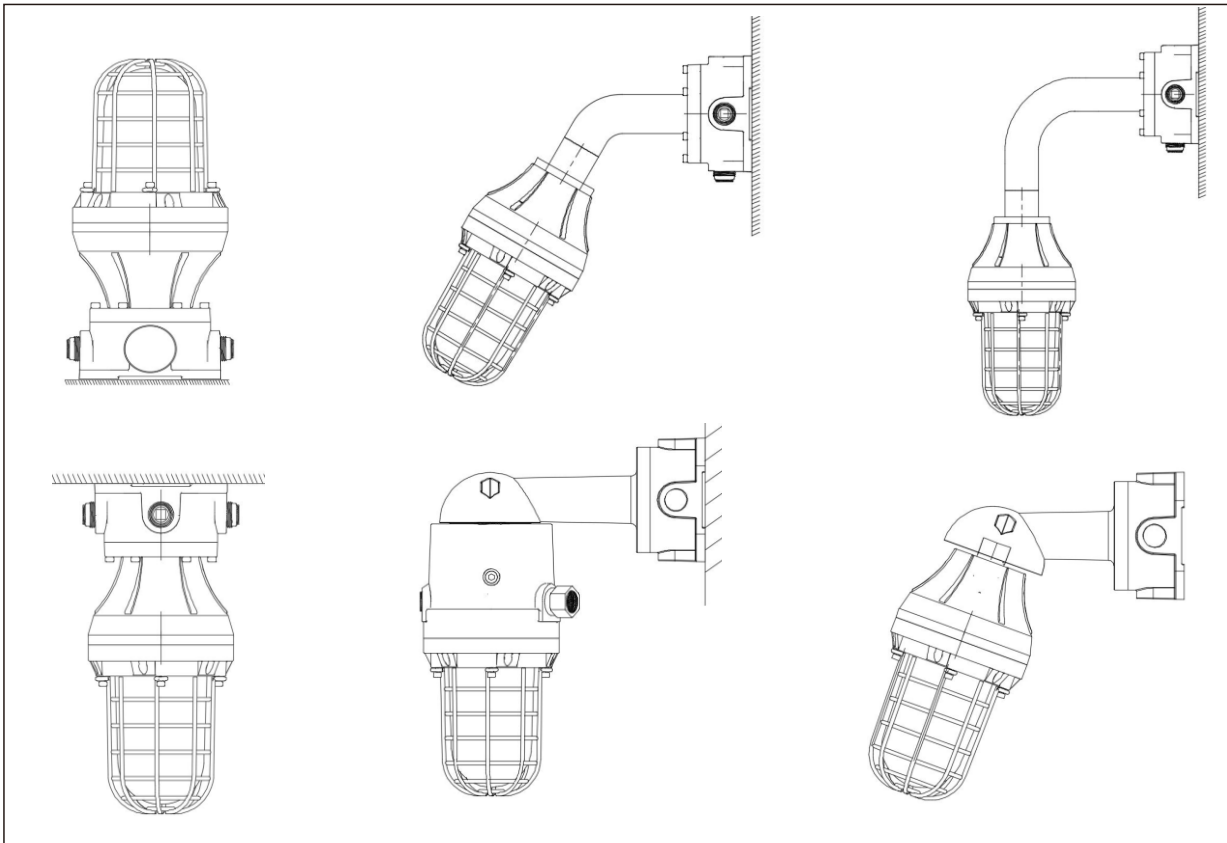
No.2 Pole mounting



No.3 Hook and Fast Connect







No.4 Junction Box Mounting



Combinations



Accessories And Spare Parts

No.	Parts	Parts Photo	Mounting Type	Qty
1	Bracket		01	1
2	Junction Box		04	1
3	Straight Pipe		02	1
4	90 Degree Arm		04	1
5	25 Degree Arm		04	1