

HEXLON

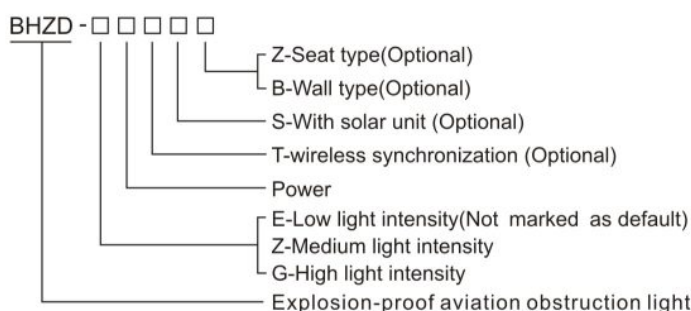
BHZD- Series Explosion-proof Aviation Obstruction Light

1 Application and Features

- Explosion protection
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2,
 - Zone 21 and Zone 22
- Light source:
 - LED light source, with low power consumption, high brightness, long life, maintenance-free, or xenon light source.
- Use automatic light control switch control, strong reliability, automatically turn on at night and foggy, and automatically turn off during the day.
- According to requirements, it can be made into a wireless synchronization (GPS) method to realize synchronous flashing of multiple lamps, or provide a centralized controller.
- Reliable photoswitch, automatically turn on at night and foggy day, automatically turn off at the day time.
- It can be customized for wireless sync-flashing of multiple devices, or controlled by centralized controller.

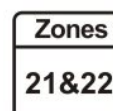
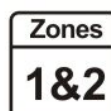


2 Nomenclature



3 Technical Parameter

Ex marking	Gas	Ex d IIC T6 Gb			
	Dust	Ex tD A21 IP66 T80°C			
Conformity to standards		GB3836.1,GB3836.2,GB12476.1,GB12476.5			
Structure, Material	Enclosure	Aluminum alloy enclosure, powder coated, industrial grey with dark lines texture (RAL7035)			
	Transparent cover	Tempered glass, resistant to 4J impact			
	Exposed fastener	Stainless steel			
Light source	Type	LED			Xenon light
	Light intensity	Low light intensity	Low light intensity	Medium light intensity	High light intensity
	Peak light intensity	>200cd	>1000cd	> 2000cd	> 20000cd
	Rated power (W)	≤ 8	≤ 24	≤ 40	≤ 50
	Flash frequency	Standard 20 times/min, adjustable to 40, 60 times/min,			
Rated voltage		LED: 220,230,240V AC, Xenon Light: 220V AC			
Frequency		50/60Hz			
Degree of protection		IP66			
Ambient temperature		-20℃~+40℃			
Terminal block		3X1.5 ~ 4mm ² (L+N+PE)			
Cable entries		3-G3/4			
Available cable outer diameter (mm)		φ 10 ~ φ 14(mm)			

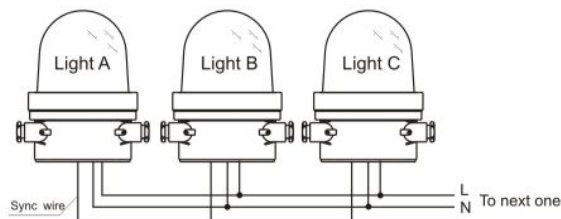


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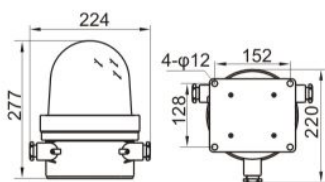
4 Selection Table

Installation method	Weight (kg)
Regular type	5.2
Seat type	13.2

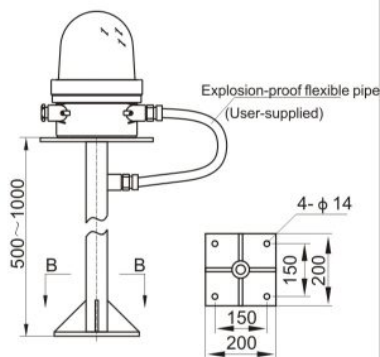
5 Schematic diagram of sync connection



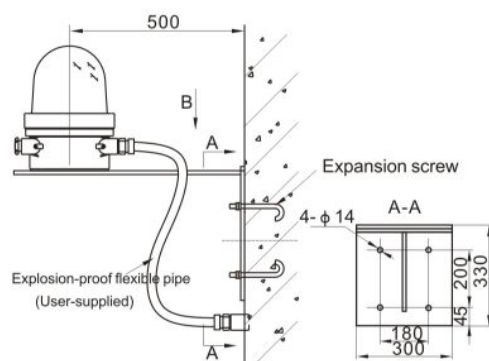
6 Outline and Installation Dimension (Dimensions in mm)



Regular type



Seat type(Z)



Wall type (B)