BC9502 series
LED Explosion-proof Sight Light



EX marking: Ex db eb IIC T6 Gb
Ex tb IIIC T80℃ Db



Application

This product is widely used in highly corrosive places such as various reaction kettles in chemical and pharmaceutical factories for local observation and lighting;

Applicable to places with high humidity and corrosion protection;

Applicable to explosive gas or dust environment in Zone 1, Zone 2 or Zone 21, Zone 22;

Suitable for ⅡA,ⅡB,ⅡC explosive gas environment;

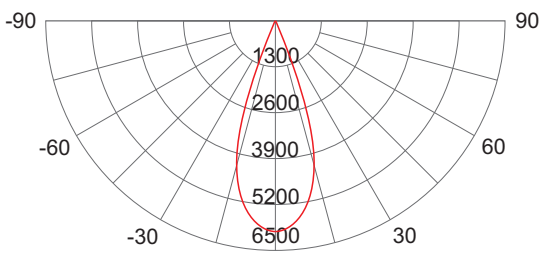
Suitable for temperature group T1~T6 group;

Applicable ambient temperature is 40℃~-40℃.

Characteristics

- The shell is made of anti-corrosion aluminum alloy, the seal is made of high-corrosion-resistant material, the standard parts are made of 304 stainless steel, and the surface adopts high-tech anti-corrosion treatment technology, which is suitable for long-term use in highly corrosive environments;
- Using CREE light source, the color rendering index is as high as Ra90, the light spot has no color and no aperture, and can accurately observe the reaction of substances in the reactor;
- The humanized adjustable mounting bracket is suitable for the installation requirements of various specifications of reactor sight glasses, and the distance between the lamp and the visual environment can be adjusted according to needs;
- After pressing the switch, it will automatically turn off after a delay of 10 minutes, and you can also choose to turn on and off immediately and connect an external switch;
- The protection level reaches IP66, which can effectively resist various pressure sprays and dust;
- The outer surface has a groove-free design, no liquid accumulation, and is easy to clean.

Light distribution curve



Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
	9~42VAC/12~48VDC(low voltage)
Rated frequency	50Hz/60Hz
Light source	LED
CCT	5700K(4000K/ 5000K optional)
CRI (Ra)	90(70/ 80 optional)
Life time	50,000hrs
Cable entry	G1/2"
Net weight	1.3kg
Size	Φ105×144mm

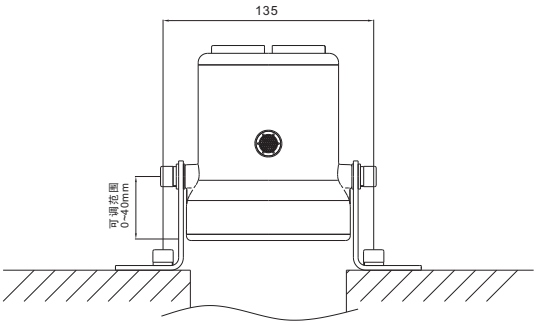
TORMIN

BC9502 series
LED Explosion-proof Sight Light

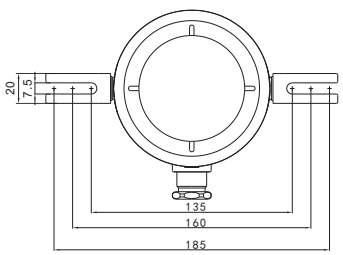
Ordering reference

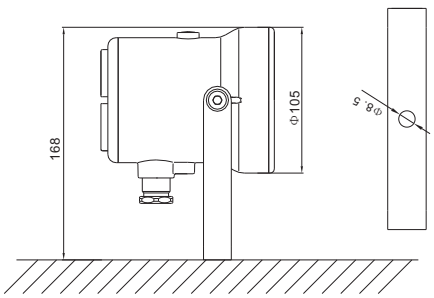
Model number	Mounted type	Rated wattage	Switch mode
Input voltage: 90~264VAC			
BC9502S-L10	Vertical installation	10W	External switch
BC9502BS-L10		10W	Conventional switch
BC9502BS-L10		10W	Delay switch
BC9502S-L20		20W	External switch
BC9502BS-L20		20W	Conventional switch
BC9502BS-L20		20W	Delay switch
BC9502Z-L10	Vertical installation	10W	External switch
BC9502AZ-L10		10W	Conventional switch
BC9502BZ-L10		10W	Delay switch
BC9502Z-L20		20W	External switch
BC9502AZ-L20		20W	Conventional switch
BC9502BZ-L20		20W	Delay switch
Input voltage: 9~42VAC/12~48VDC			
BC9502S-L10	Vertical installation	10W	External switch
BC9502AS-L10		10W	Conventional switch
BC9502BS-L10		10W	Delay switch
BC9502S-L20		20W	External switch
BC9502AS-L20		20W	Conventional switch
BC9502BS-L20		20W	Delay switch
BC9502Z-L10	Vertical installation	10W	External switch
BC9502AZ-L10		10W	Conventional switch
BC9502BZ-L10		10W	Delay switch
BC9502Z-L20		20W	External switch
BC9502AZ-L20		20W	Conventional switch
BC9502BZ-L20		20W	Delay switch
For example: Model No.as BC9502AZ-L10-5000K, BC9502: product model, A: conventional switch, Z: vertical installation method, 10: 10W power, 5000K: color temperature			

Drawing of dimension (Dimensions in mm)



Vertical installation





Seat installation