

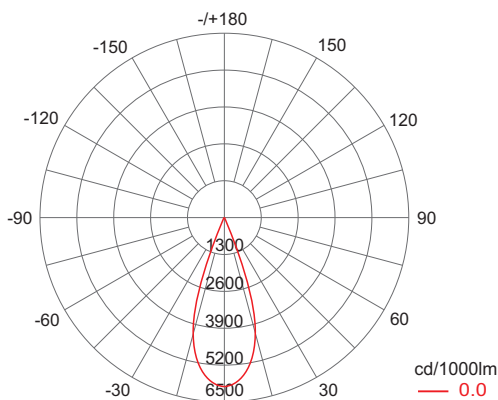
FHC9502 series LED Explosion-proof Sight Light



EX marking: Ex d e IIC T6 Gb
Ex tD A21 IP66 T80°C



Light distribution curve



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;

Applicable to IIA, IIB, IIC and IIIA, IIIB, IIC combustible environments;

Suitable for temperature group T1~T6 group;

Applicable ambient temperature is 40°C~−40°C.

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.

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"
Leading-in cable OD	Suitable for Φ6mm~Φ8mm cable
Net weight	1.3kg
Size	Φ105×144mm



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Ordering Reference

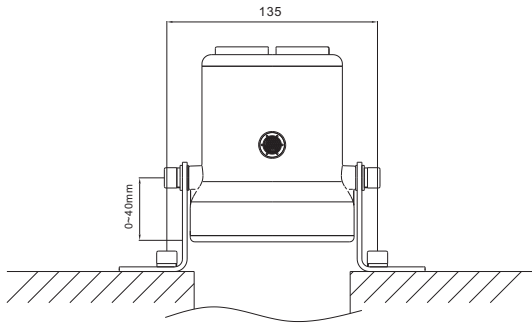
Model number	Mounted type	Rated wattage	Switch mode
Input voltage: 90~264VAC			
FHC9502S-L10	Vertical installation	10W	External switch
FHC9502AS-L10		10W	Conventional switch
FHC9502BS-L10		10W	Delay switch
FHC9502S-L20		20W	External switch
FHC9502AS-L20		20W	Conventional switch
FHC9502BS-L20		20W	Delay switch
FHC9502Z-L10	Seat installation	10W	External switch
FHC9502AZ-L10		10W	Conventional switch
FHC9502BZ-L10		10W	Delay switch
FHC9502Z-L20		20W	External switch
FHC9502AZ-L20		20W	Conventional switch
FHC9502BZ-L20		20W	Delay switch
Input voltage: 9~42VAC/12~48VDC			
FHC9502S-L10D	Vertical installation	10W	External switch
FHC9502AS-L10D		10W	Conventional switch
FHC9502BS-L10D		10W	Delay switch
FHC9502S-L20D		20W	External switch
FHC9502AS-L20D		20W	Conventional switch
FHC9502BS-L20D		20W	Delay switch
FHC9502Z-L10D	Seat installation	10W	External switch
FHC9502AZ-L10D		10W	Conventional switch
FHC9502BZ-L20D		10W	Delay switch
FHC9502Z-L20D		20W	External switch
FHC9502AZ-L20D		20W	Conventional switch
FHC9502BZ-L20D		20W	Delay switch
<p>For example: Model No.as FHC9502AZ-L10-5000K, FHC9502: product model, A: conventional switch, Z: vertical installation method, 10: 10W power, 5000K: color temperature For example: Model No.as FHC9502AZ-L10D-5000K, FHC9502: product model, A: conventional switch, Z: vertical installation method, 10D: low voltage 10W power, 5000K: color temperature If the power is 10W, the switch is turned off after 10 minutes, and the installation method is seat installation, the order number is: FHC9502BS-L10</p>			



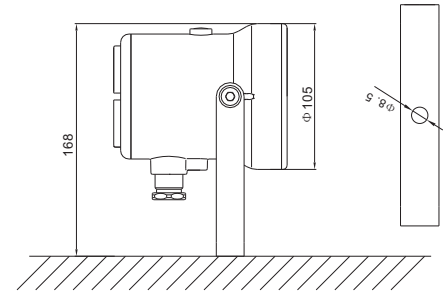
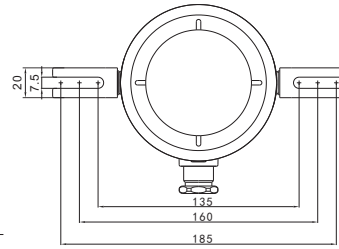
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Drawing of dimension (Dimensions in mm)



Vertical installation



Seat installation



www.fhsolarled.com



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