

■ Features

- Applicable to Zone 1 and Zone 2 in explosive gas environment.
- Suitable for II A, II B, II C explosive gas environment.
- Applicable to flammable dust environment in areas 21 and 22.
- Suitable for environments with temperature group T1 ~ T6.
- Widely used in explosive places such as petroleum exploitation, oil refining, chemical industry, medicine, textile, printing and dyeing, spraying, military industry, etc.
- It is especially suitable for flammable and explosive roadways, belt trestles, cable interlayers, pipeline passages, pedestrian passages, coal conveying lanes, etc., as well as various longitudinally long and narrow transverse lighting occasions.



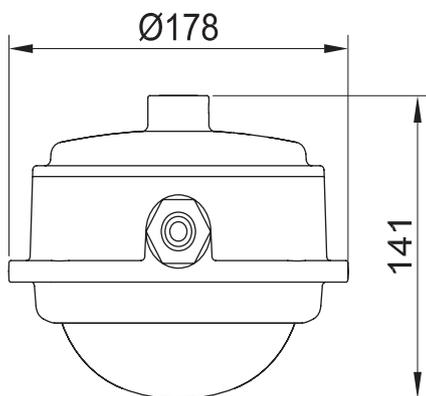
■ Technical Parameters

Performance

Table Of Basic Product Parameters

No	Table Of Basic Product Parameters				
1	Atex Standard	Ex d IIC T6 Gb/Ex tD A21 IP66 T80°C			
2	Rated Voltage(AC)	AC70~264V			
3	Frequency	50/60Hz			
4	Model	SZSW7152-12	SZSW7152-15	SZSW7152-20	SZSW7152-24
5	Power	12W	15W	20W	24W
6	Luminous Flux	1320lm	1650lm	2200lm	2640lm
7	Color Temperature	5700K±300K			
8	PF	0.9			
9	Ra	>70			
10	Beam Angle	90°/180°			
11	Lighting Effect	110-130 lm/W			
12	IP/IK Level	IP66/IK10			
13	Ambient Temperature	-30℃ ~ +60℃ (12W、15W) , -30℃ ~ +50℃ (20W、24W)			
14	Enclosure Material	Die-casting Aluminum			
15	Warranty	5 years			
16	LED Source	Osram/Philips			
17	Driver	SEVA/Meanwell/Moso/SoSen			
18	Dimension (mm)	φ178*141			
19	Weight	2.4kg			

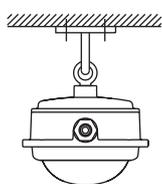
■ Dimensions (Unit:mm)



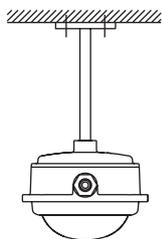
■ Other Characteristics

- Using high-efficiency, imported LED (Cree or Osram brand), life expectancy of more than 100,000 hours.
- The circuit design adopts wide voltage stabilization and constant power design. The high-voltage working range: 70V ~ 264V and the low-voltage working range: 18V ~ 60V. It can meet stable operation even when the voltage fluctuation is large.
- Choose a slightly warmer LED to ensure that the brightness is sufficient, and it will not stimulate the vision. The color rendering index is above 85, making it easy to observe various details.
- Small size and light weight, it can adopt various installation methods such as quick hook, side wall, lifting ring, hanging pipe, elbow and so on.

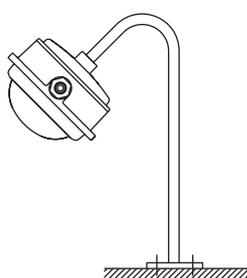
■ Installation



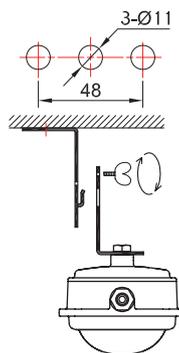
Ring Installation



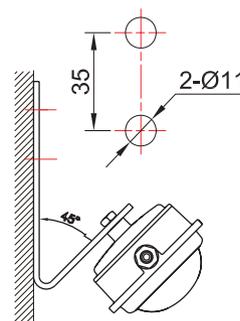
Pipe Installation



Elbow Installation

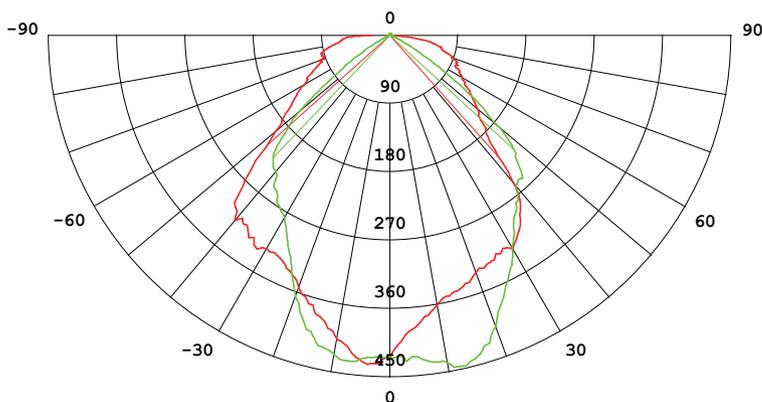


Hook Installation



Side Wall Installation

■ Photometric Data



Average Beam Angle: 90 °

Illumination-90 Degree		
Height	Diameter	Eavg
5m	9.9m	8.29Lux
6m	11m	5.75Lux
7m	13m	4.23Lux
8m	15m	3.24Lux
9m	17m	2.56Lux