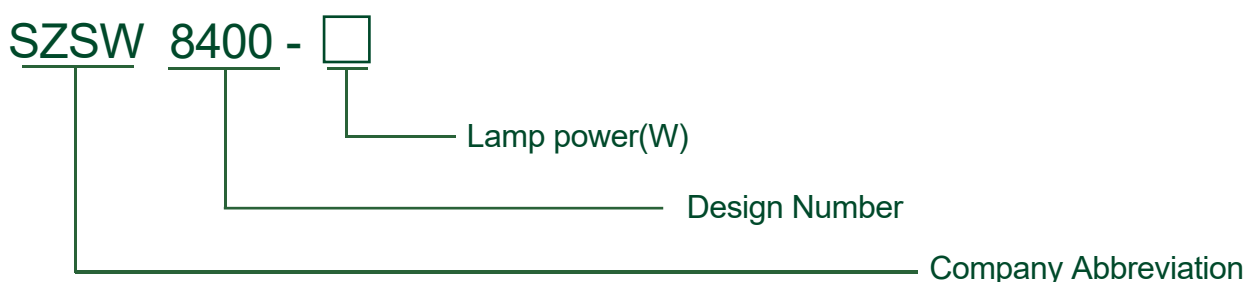




■ Product Model and Meaning



■ Application

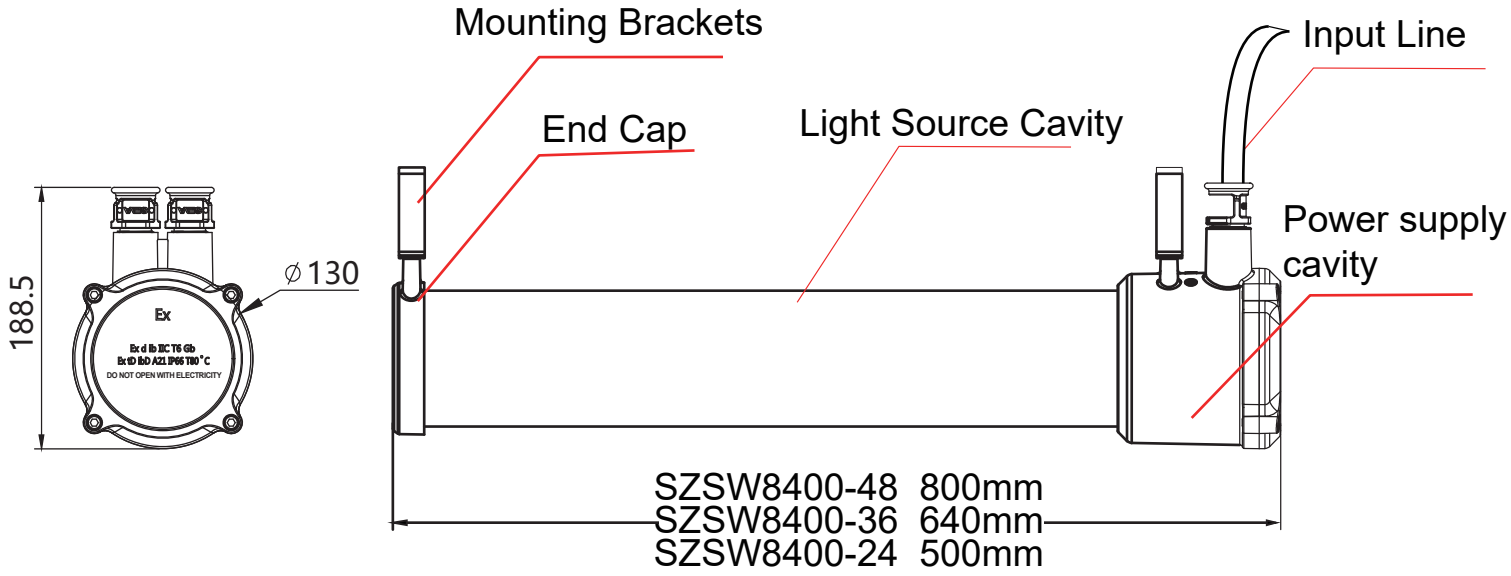
SZSW8400 series explosion-proof lamps are suitable for floodlighting in factories, workshops, various equipments, platforms, corridors, passages, etc., which are inflammable and explosive.

1. Applicable to altitude: ≤ 2000 m.
2. Applicable to ambient temperature: $-20^{\circ}\text{C} \sim +40^{\circ}\text{C}$.
3. Applicable to relative humidity: $\leq 95\%$.
4. Suitable for hazardous gas mixtures hazardous locations: Zone 1, Zone 2.
5. Applicable to flammable dust sites: Zone 21, Zone 22.
6. Applicable to explosive gas mixture temperature group: T1~T6.
7. Applicable to explosive gas mixtures Hazard categories: IIA, IIB, IIC.

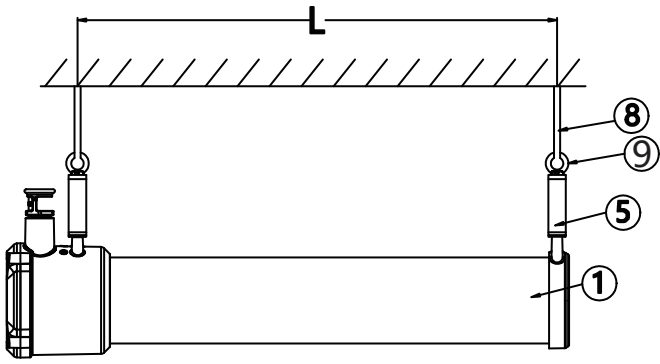
■ Technical Parameters

NO	Parameter				Numerical value
1	Rated Voltage			V	AC100~277V,50/60Hz
2	LED Source	48W	Luminious Flux	lm	4800
			Average Usage Time	h	100000
			Current	A	0.24
			Size	mm	800x188.5x130
			Weight	kg	4.3
		36W	Luminious Flux	lm	3600
			Average Usage Time	h	100000
			Current	A	0.18
			Size	mm	640x188.5x130
			Weight	kg	4.0
		24W	Luminious Flux	lm	2400
			Average Usage Time	h	100000
			Current	A	0.12
			Size	mm	500x188.5x130
			Weight	kg	3.6
3	Irradiation Distance			Lx	≥10
4	Total Volume			cm3	≥2000
5	Protection			IP66	
6	Anti-corrosion Grade			WF2	
7	Ambient Temperature			-20~40℃	
8	Height Ratio			2.5	
9	Ex-mark			EX d id IIC T6 Gb EX tD ibD A21 IP66 T80℃	
10	Relative Humidity			≤95%（25℃）	
11	Atmospheric Pressure			80-110KPa	

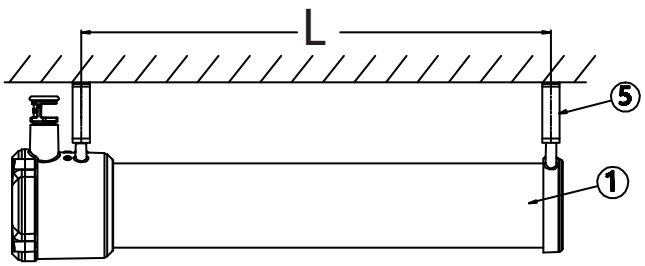
■ Dimensions&Components(Unit:mm)



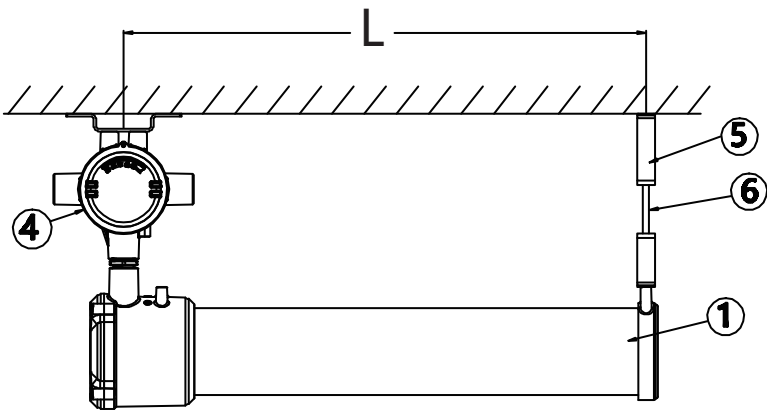
■ Installation



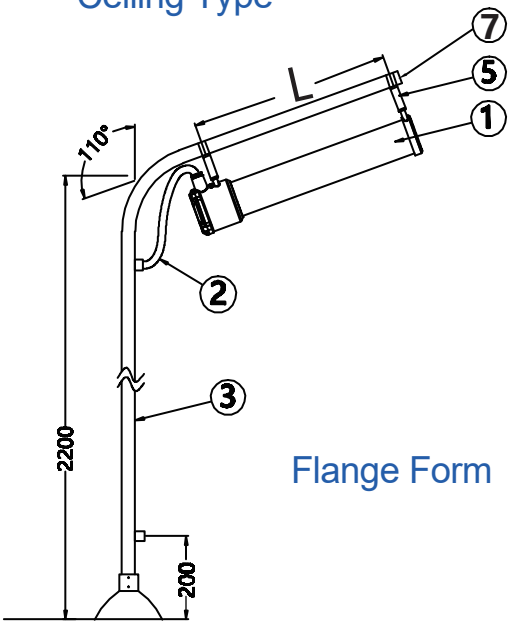
Hoisting Type



Ceiling Type



Boom Type

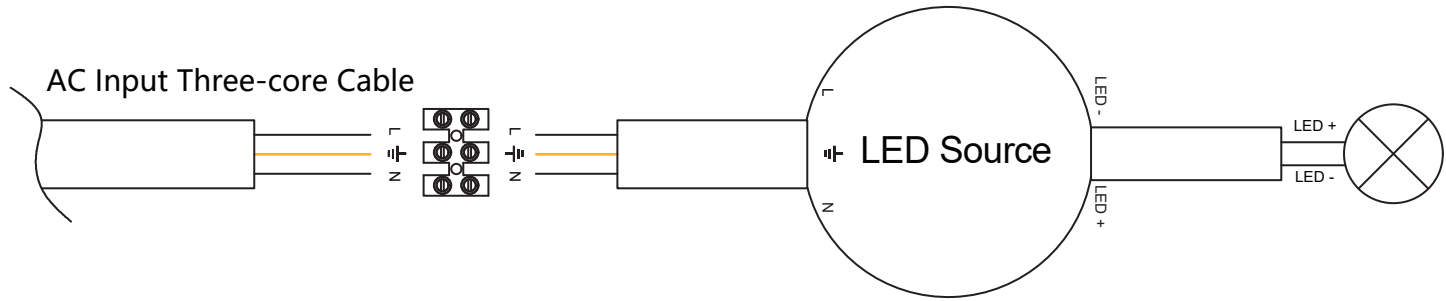


Flange Form

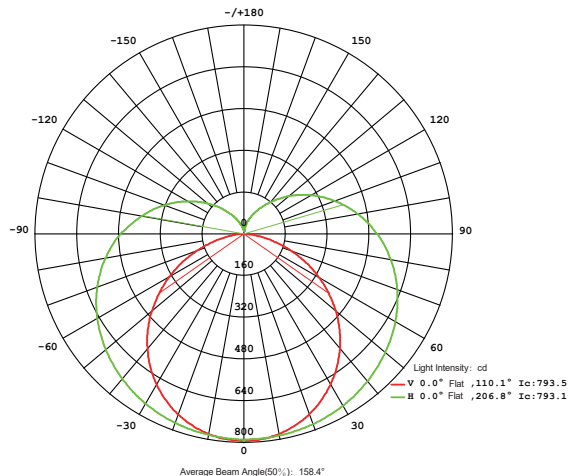
Type	L(mm)	Installation method
SZSW840-48	710	Hoisting, ceiling, flange
SZSW840-36	550	Hoisting, ceiling, flange
SZSW840-24	410	Hoisting, ceiling, flange
SZSW840-48	750	Hanger Rod
SZSW840-36	590	Hanger Rod
SZSW840-24	450	Hanger Rod

NO	Name	Remarks
1	Explosion-proof LED fluorescent lamp	User-owned
2	Explosion-proof connecting pipe	User-owned
3	Flange Rod	User-owned
4	Explosion-proof Junction Box	Another Match
5	Mounting Brackets	Standard
6	M6 Screw	User-owned
7	U-shaped Pipe Clamp	User-owned
8	Hook	User-owned
9	M6 Eyebolt	User-owned

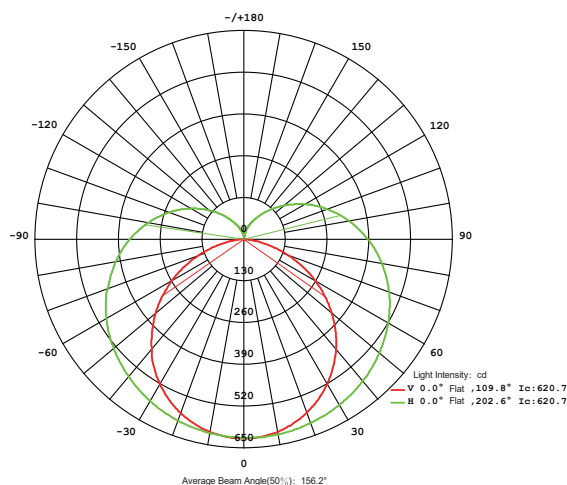
■ Wiring Diagram



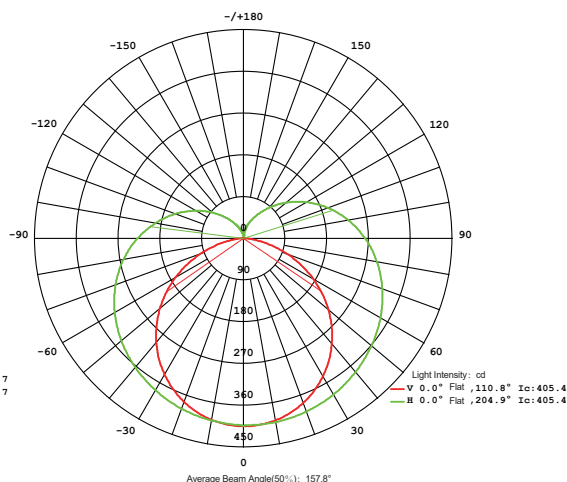
■ Light Distribution Curve



48W



36W



24W

■ Instructions for Use

1. The best use voltage range of this lamp: AC100-240V, when the voltage fluctuation range is between AC100-240V, the lamp can work normally. If it is used under low voltage or high voltage for a long time, and it receives voltage fluctuation. A line with too much amplitude will reduce the life of the appliance.
2. When the input voltage of the lamp is lower than 100V, the lamp may self-extinguish. When the voltage is higher than 100V, the lamp will automatically start normal operation.