



# Illumination

## Highest CP Value of LED Anti-Explosive.

Sealed microcavity/low temperature COB illumination source





Certified by CNS gas explosion-proof: Ex dm IIC T5 Gb Dust explosion-proof certification: Ex tD A21 IP68 T120 °C Db Certificate No.: (ISTI) 2018 No. 07-00007X





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### **Highest CP Value of LED Anti-Explosive.**

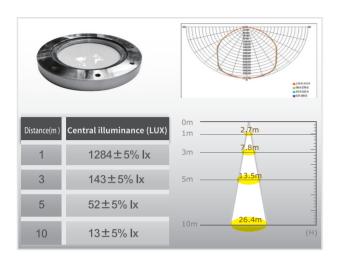


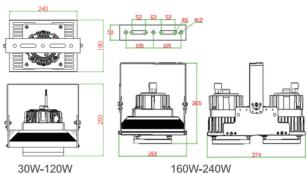
軒豊股份有限公司 SHINYU LIGHT CO., LTD

#### 95% hazardous area applies

Type of certification: Gas: Ex dm IIC T5 Gb,

Dust: Ex tD A21 IP68 T120°C Db.







#### The best heat dissipation design

It is made by extrusion 6063 high thermal conductivity aluminum. The special fin and convection nozzles design can avoid dust accumulation and get the perfect heat dissipation and low light decay.



#### **Elasticity installa**tion design

Standard 1/2 - 3/4 NPT stainless screw with explosion-proof, can easily to install on wall-mounted or column pipe, just need to add fixed tablets, without change the bracket.



#### Microcavity structure design

The microcavity had pass the pressure and explosion testing, small cavity, lower detonate coefficient, more safety and easy to install. Suitable for Zone 1, Zone 2 hazardous locations.



#### The driver covers with die casting design

The driver design with explosion-proof molded and full range voltage (90-295VAC), which is better than single voltage to fulfill the unstable voltage market. Multi-protection such as over-temperature protection, over-current protection, over-voltage protection and short-circuits protection).



#### 🐎 C.O.B. lower temperature

Patented low-temperature COB package light source with high light efficiency, low radiation heat, high reliability and high stability.



### Lightweight design

Design with pressure resistant and explosion proof and molded explosion, this multi-explosion-proof structure not only small size but lightweight



### Anti-Explosive grade cost-effective

CNS gas explosion-proof certification Dust explosion-proof certification: Ex tD A21 IP68 T120°C Db Certificate No.: (ISTI) 2018 No. 07-00007X Explosion-proof grade, the most



#### IP66 and IP68 waterproof protection level

Excellent weatherproof, dustproof, waterproof., durable & long lasting.

Model	SU-A2-030	SU-A2-040	SU-A2-050	SU-A2-060	SU-A2-080	SU-A2-100	SU-A2-120	SU-A2-160	SU-A2-200	SU-A1-240
Power Consumption	30W	40W	50W	60W	80W	100W	120W	160W	200W	240W
Luminous Flux	3000lm	4000lm	5000lm	6000lm	8000lm	10000lm	12000lm	16000lm	20000lm	24000lm
Temperature of grade	Т6				Т5			Т5		Т5
Weight-Including Power	6.8 kg						8.7 kg		17.4 kg	
Color Temperature	3000K / 4000K / 5700K									
Waterproof Grade	Lamp IP68 / (power supply IP66)									

**Input Voltage** 

**Application** 

100~240V

Safer to use in Zone 1, Zone 2 hazardous locations. Gas stations, natural gas stations, chemical plants, mining plants, solvent plants, paint plants and refineries, etc Safer to use in Zone 1, Zone 2 hazardous locations such as gas stations, gas stations, chemical plants, mining plants, solvent plants, paint plants and refineries