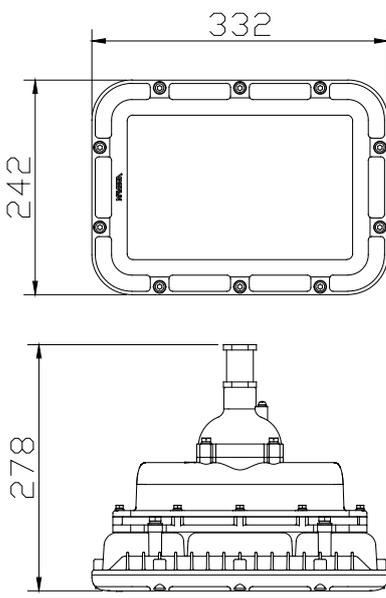




外形尺寸图 (单位: mm)



产品应用图


Application

Ex LED Area light was designed specially to offer the lighting system in a variety of Hazardous Area applications like oil & gas industry, chemical industry, marine and offshore platform, both indoor and outdoor., Also applied to the hazardous areas, ATEX Zones 1 & 21 and 2 & 22. Ex IIA and Ex IIB, T1-T6.

Major functions and features

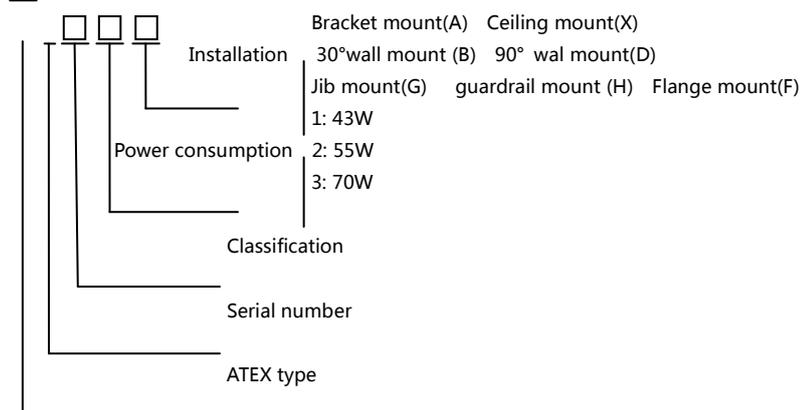
- Aluminum alloy body.
- PC lens processed by the professional optics design
- Tempered glass clear lamp housing with the features of 4J energy impact resistance and thermal shock resistance.
- Exd structure design to offer more reliable explosion proof quality.
- Independent Exe connection cavity to improve the safety
- Specialized corrosion resistance, vibration resistance and water & dust proof design, both indoor and outdoor application in the harsh conditions
- High duty LED light source to ensure long life operation and superb energy saving.
- Constant current design to guarantee the operation stability.

Specifications

Standard	IEC60079-0、IEC60079-1、IEC60079-31、		
ATEX Marks	Exd IIB T6 Gb/Ext IIICT6 Db		
Light source	LED		
Power consumption	43W/55W/70W		
Operating voltage	AC 110-240V (50-60Hz)		
Anti-corrosion	C4/WF1/WF2		
Cable entry	M25*1.5/NPT 3/4" cable entry, suitable for $\phi 10 \sim \phi 14\text{mm}^2$ cable $\leq 2.5\text{mm}^2$ conductor		
Installation	Bracket mount, ceiling mount, 30° wall mount, 90° wall mount, jib mount, guardrail mount, flange mount		
Operating temperature	-30°C~+60°C	IP Class	IP66
Humidity	10%~95%	Weight	8Kg

Model definition

LP 1

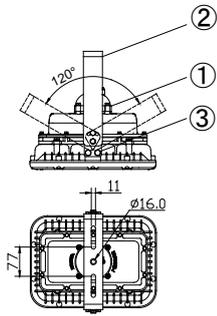

Classification rules

	Explosive air condition	Explosive dust condition	ATEX mark	Zone
0	IIB		Exd IIB T6 Gb	1、2
1		III C	Ext IIICT6 Db	21、22

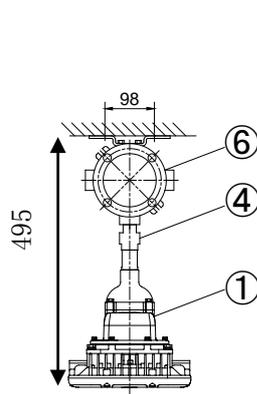
e.g. : LP101X Ex-proof light , IIB explosive dust condition , ceiling mount , ATEX mark : Ext IIICT6 Db , Applied zone 1、2



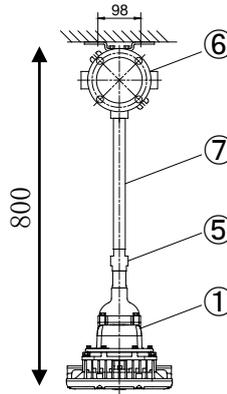
Installation and dimension



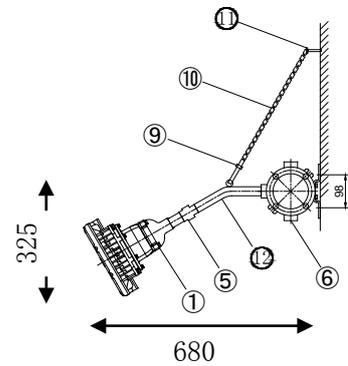
Bracket mount (A)



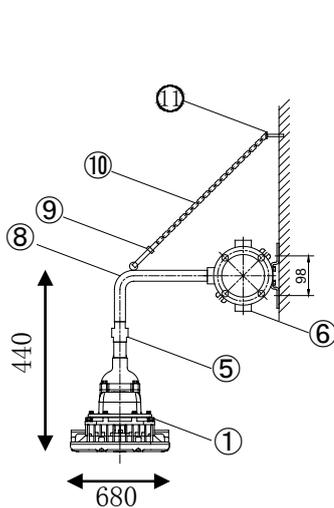
Ceiling mount (X)



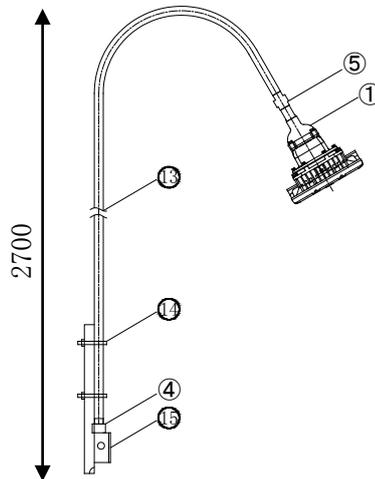
Jib mount (G)



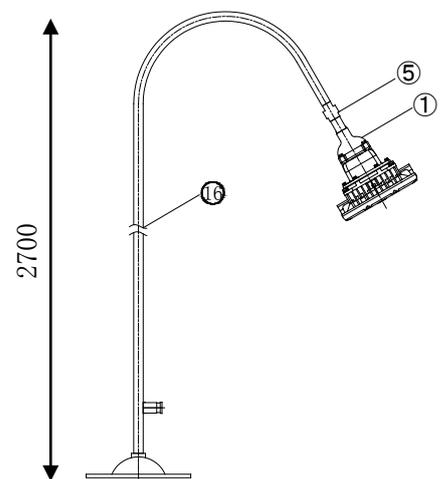
30° wall mount (B)



90° wall mount (D)



Guardrail mount (H)



Flange mount (F)

Order instruction

- Please choose the right model based on the model definition
e.g: 70W, jib mount, IIIC (explosive dust condition zone 21), the model is LP113G Mark: Ext IICT6 Db
- No lead wire is offered, please order it based on the specifications
- Mount accessories please refer to the right table

Note

- For high-power lamp, the surface temperature is high, it cannot be covered. And the distance from the object no less than 3m, to avoid burns or fire.

No	Name	Remark
1	LP1 EX LED Area light	
2	Bracket	
3	Stainless bolt	
4	Flexible connector G $\frac{3}{4}$ " (Out) /G $\frac{3}{4}$ "	
5	Flexible connector G $\frac{3}{4}$ " (Out) /G $\frac{3}{4}$ "	
6	Junction box G $\frac{3}{4}$ " (Out) /G $\frac{3}{4}$ "	
7	Straight pole G $\frac{3}{4}$ "	300mm
8	90° bend pole G $\frac{3}{4}$ "	400mm
9	CC gear turnbuckle	
10	Chain	450mm
11	Expansion screw	
12	30° bend pole G $\frac{3}{4}$ "	300mm
13	Guardrail pole G1 $\frac{1}{4}$ "	
14	U Clip	Offered by user
15	Junction box G $\frac{3}{4}$ " (out) /G $\frac{3}{4}$ "	
16	Flange pole G1 $\frac{1}{4}$ "	Offered by user