

Ex

IP
66



Ex mark: Ex db eb mb IIC T6 Gb
Ex tb IIIC T80°C Db

IP Code: IP66

Ambient temp.: -40°C~+55°C (BC5407 Series)
-20°C~+55°C (BC5407J Series emergency)



Application

- The product is suitable for use in factory, street, warehouse, workshop and other places.

Characteristics

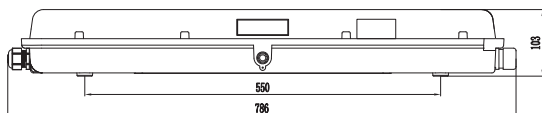
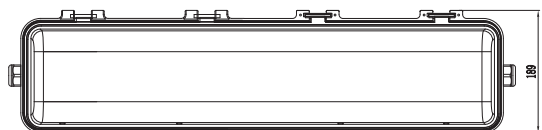
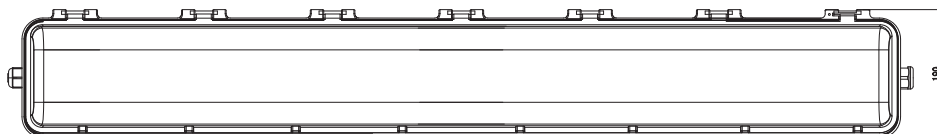
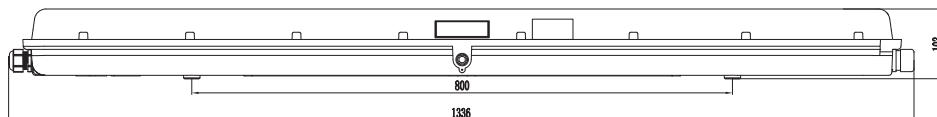
- The product is designed as a flameproof, increased safety, and rubber-sealed structure. It consists of an outer shell, a transparent cover, a reflector, a lamp holder and other parts. The outer shell is made of polycarbonate alloy material and has the characteristics of high strength, strong impact resistance, high temperature resistance, and cold resistance.
- The reflector adopts curved bending, making the beam distribution more reasonable. It is equipped with a preventive circuit for the aging effect and air leakage of the lamp tube, ensuring that the lamp can work normally and is efficient and energy-saving $\Phi \geq 0.95$, with a wide voltage input, can operate normally within the voltage range of 100V to 240V, and can maintain constant power output without affecting the output light efficiency.
- The lamp body and transparent cover adopt a buckle form, which is more tightly combined. Special sealing strips are used to double seal and provide superior protective performance. The shell is equipped with a well-designed breathing device, which balances the internal and external pressure difference and completely eliminates condensation.
- The lamp is equipped with travel switch and a cover opening and power outage interlocking device. Emergency devices can be equipped according to user requirements, and when the external power outage occurs, the lighting fixtures will automatically switch to the emergency lighting state.
- The installation methods of fluorescent lamps include wall type, chain type, suspender type, ceiling type, bent rod type, guardrail type, and flange type, which are suitable for installation in different locations and locations.
- The wire enters the wiring chamber through the introduction device; Steel pipe wiring; The lighting fixtures are equipped with grounding screws both inside and outside, and users should be reliably grounded when using them.

Main specification

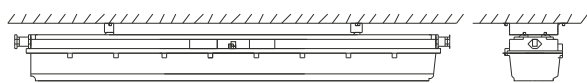
Item	Technical data
Input voltage range	90~264VAC
Input frequency	50/60Hz
Light source	Led
Wattage of each light source	9W/ 13.5W/ 18W/ 27W (optional)
Quantity of Light source	1/ 2/ 3 (optional)
Anti-corrosion grade	WF2
Ingress protection grade	IP66
CRI	70/80(optional)
Service life	>50000h (Lumen decay<30% of the initial value)
CCT	5000K/3000K/4000K(optional)
Leading-in unarmored cable outer diameter	ϕ 10~14mm

Ordering reference

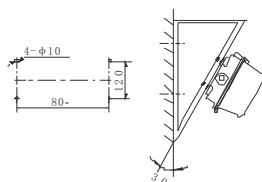
Model number	Light source	Quantity of light source	Light source wattage(W)	Output wattage(W)	Emergency wattage(W) (When within emergency unit)	Dimensions(mm)
BC5407-□×L□ / BC5407J-□×L□-L□	Led tube	1	9	9	9	746
		1	13.5	13.5	13.5	
		2	9	18	9	
		2	13.5	27	13.5	
		3	9	27	9	
		3	13.5	40.5	13.5	
BC5407-□×L□ / BC5407J-□×L□-L□	Led tube	1	18	18	18	1260
		1	27	27	27	
		2	18	36	18	
		2	27	54	27	
		3	18	54	18	
		3	27	81	27	
Only emergency function						
BC5407J-1×L□	Led tube	1	9	/	18	746
		1	13.5	/	27	
		1	18	/	18	1260
		1	27	/	27	
Example: 1. Order number as BC5407-2XL9 indicate in order as BC5407 for only normal lighting, 2 for Two tubes, L for LED light source, 9 for 9W per tube; 2. Order number as BC5407J-2XL27-L27 indicate in order as BC5407J for within emergency unit, 2 for Two tubes, L for LED light source, 27 for 27W per tube						

Drawing of dimension (Dimensions in mm)

BC5407 Series: Length: 746mm

BC5407 Series: Length: 1260mm


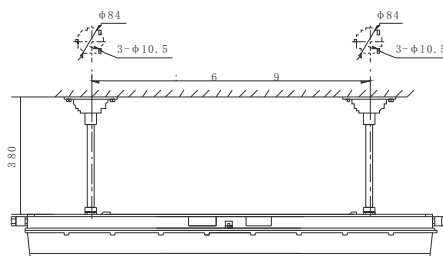
Installation



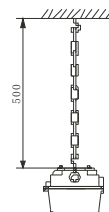
Ceiling type (x)



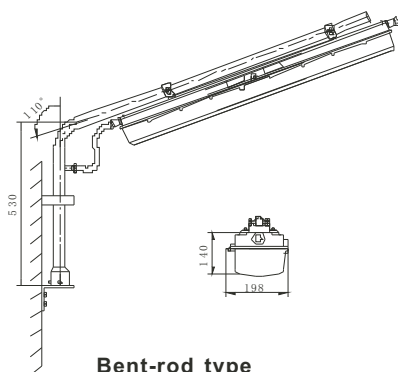
Bracket type



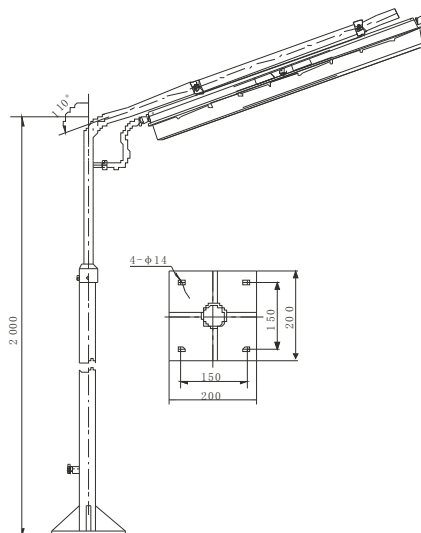
Pendant type (g)



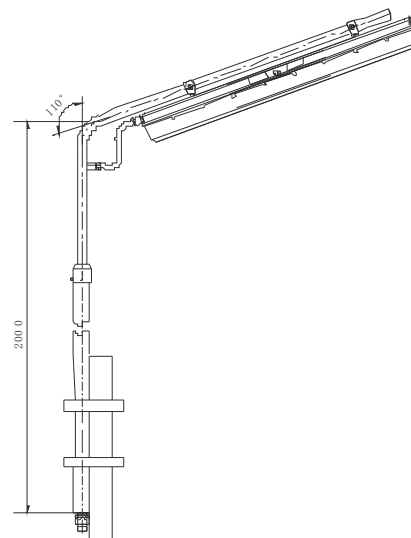
Chain type



Bent-rod type



Flange type



Fence type