

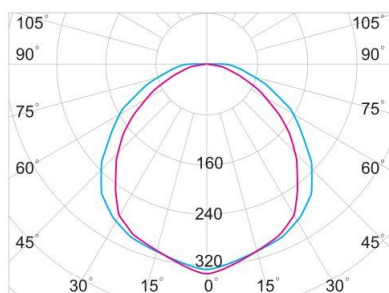
BC5402B Series LED Explosion-proof Light [Emergency]



Ex marking: Ex nR IIC T6 Gc
Ex tc IIIC T80°C Dc



Light distribution Curve



cd/klm

— 0°
— 90°

Application

This product is widely used in the lighting of on-site control rooms, on-site offices, battery rooms, liquid ammonia areas, refining tower trails, oil storage tank trails, platform trails, pump valve sheds, pipelines, dangerous chemical terminal planks, and other places;
It is suitable for places with high requirements for moisture-proof and anti-corrosion protection;
Applicable to explosive gas zone 2 places;
Suitable for IIA, 11B, IIC explosive gas environment;
Suitable for temperature group T1~T6 group.

Characteristics

- Seawater resistant, anodized aluminum housing.
- Flexible light exit cover, soft and comfortable light.
- The whole lighting effect is over 105 lm/W.
- Ship-level anti-vibration test.
- Outdoor light diffusion material translucent cover, strong weather resistance.
- Independent junction box design, convenient wiring, can be used in parallel with multiple lamps.
- Exposed fasteners are all made of 304 stainless steel (Ocean platform requires custom 316 stainless steel).

Characteristics

Item	Technical Parameters
Input voltage (V)	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	40W/ 60W
Emergency wattage	15W/25W
Emergency time	120min(15W)/ 70min(25W)
Light source	LED
CRI (Ra)	70
CCT	5000K(3000K/4000K optional)
Light source life (h)	100,000
Cable Entry	M20×1.5, M25×1.5, NPT1/2", NPT3/4"

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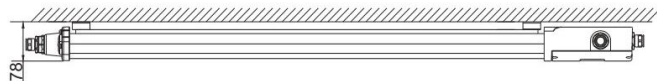
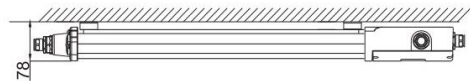
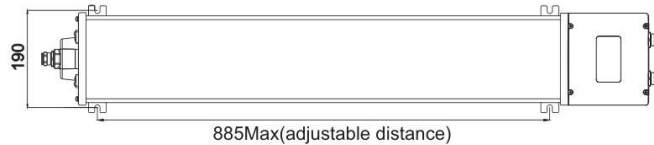
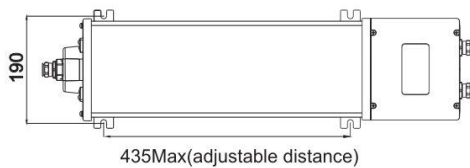
Ordering reference

Emergency Mode	Model number	Normal wattage (W)	Emergency wattage (W)	Normal/Emergency Light output (lm)	Space height ratio	Mounting height (m)	Net Weight (kgs)	Size (mm)	Mounted type	Number of cable inlets	Equivalent to
											MH
Normal + Emergency	BC5402B-L40-15	40W	15W	5600 (Normal)	1.6	2-5m	3.4	720× 182× 68	S1 Bracket mounted S2 Side wall mounted S3 Guardrail installation S4 Flange mounting	E1(one cable inlet) E2(two cable inlets)	100W/35W
	BC5402B-L60-15	60W	15W	9000 (Normal)		3-6m	4.5	1170× 182× 68			150W/35W
	BC5402B-L40-25	40W	25W	5600 (Normal)		2-5m	3.4	720× 182× 68			100W/70W
Pure Emergency	BC5402B-L15	/	15W	1500 (Emer)	/	2-5m	3.2				/35W
	BC5402B-L25	/	25W	2500 (Emer)	/			/70W			

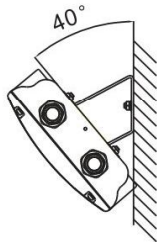
Example: Model number: BC5402B-L40-15-5000K-S2-E1, BC5402B is the product model, 40W as normal power, 15W as emergency power, 5000K as color temperature, sidewall type as installation method, 1 nos cable inlet.

Drawing of dimension (Dimensions in mm)

1. Bracket mounting(Standard)



2. Side wall mounting (40 degree)



3. Hanging chain mounting



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3. Guardrail installation



4. Flange mounting

