TORMIN BC5402B Series LED Explosion-proof Light [Emergency]



Ex marking: Ex nR IIC T6 Gc
Ex tc IIIC T80℃ Dc



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;

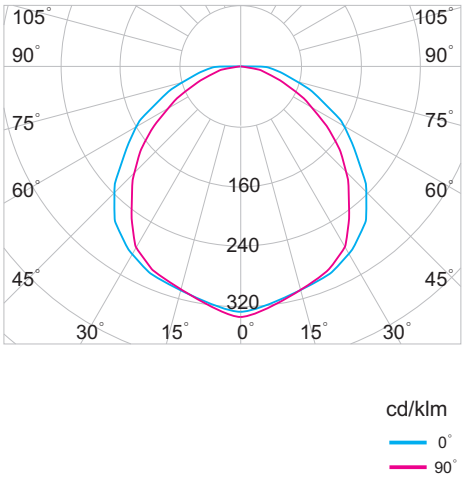
Suitable for IIA, 11B, IIC explosive gas environment;

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).

Light distribution Curve



Characteristics

Item	Technical Parameters
Input voltage (V)	90~264VAC
Rated frequency	50Hz / 60Hz
Rated wattage	40W
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

TORMIN BC5402B Series LED Explosion-proof Light [Emergency]

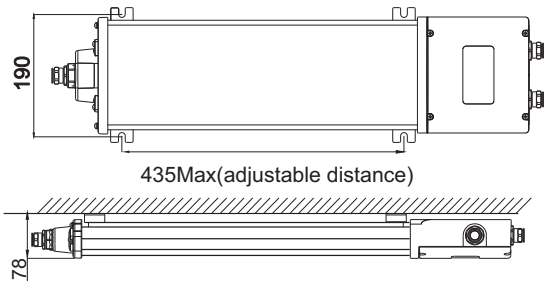
Ordering reference

Emergency Mode	Model number	Normal wattage (W)	Emergency wattage (W)	Normal Light output (lm)	Mounting height (m)	Net Weight (kgs)	Size (mm)	Mounted type	Number of cable inlets	Equivalent to MH
Normal + Emergency	BC5402B-L40-15	40W	15W	>4800 (Normal)	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-L40-25	40W	25W	>4800 (Normal)	2~5m	3.4	720× 182× 68			100W/70W
Pure Emergency	BC5402B-L-15	/	15W	/	2~5m	3.2				/35W
	BC5402B-L-25	/	25W	/						/70W

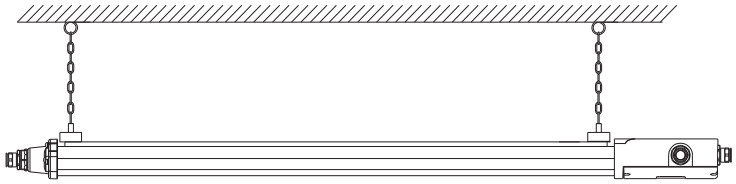
Example: Model number: BC5402B-L40-15-5000K-S2-E1, BC5402B is the product model, 40W as normal power, 15W as emergency power, 5000K as color temperature, sidewall type as installation method, 1 nos cable inlet.

Drawing of dimension (Dimensions in mm)

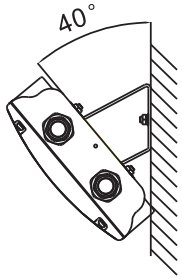
1. Bracket mounting(Standard)



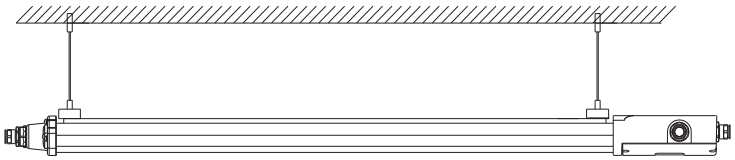
3. Hanging Chain mounting



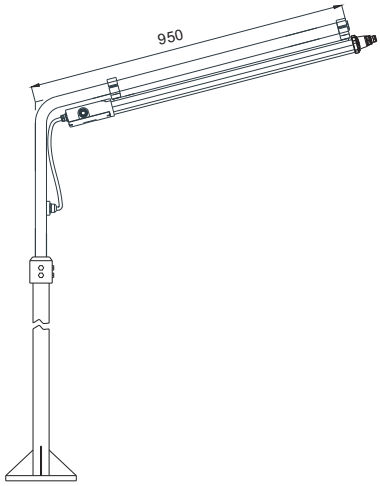
2. Side wall mounting (40 degree)



4. Pendant mounting



5. Guardrail installation



6. Flange mounting

