TORMIN BC9307P LED Explosion Proof Light(Pole)



Ex marking: Ex db eb IIC T4/T3 Gb
Ex tb IIIC T130℃/T195℃ Db,IP66

Application

- Ideal to be used in the oilfield, chemical industry, offshore drilling platform, steel industry, petroleum etc.
- Gas explosive environment: Group IIA,IIB,IIC.
- Zone 1,zone 2; zone 21,zone 22.



Characteristics

- It is made using a special aluminum housing, all exposed fasteners adopt 304 stainless steel. Using high-tech anti-corrosion surface treatment technology, suitable for long-term highly corrosive environment of offshore oil platforms, oil drilling platform, chlor-alkali, vulcanization cyanide, etc.
- A full range of high conductivity material accelerate convection cooling structure, effective guarantee long-term use in high temperature environments.
- Variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Optoelectronic integrated technology, no dark spot, no ghosting, the average light efficiency of whole lamp can reach to 120 lm/W, energy-saving is 60% more than Metal Halide Lamp.
- Taiwan Meanwell driver or driver with same quality, power factor above 0.98, high reliability and long time service life.
- Independent wiring chamber, safe and easy installation and maintenance.
- Quick replay light source without welding.
- Intelligent control functions can be realized.(Dimming: 1-10VDC, PWM, Carrier, DALI, etc.)

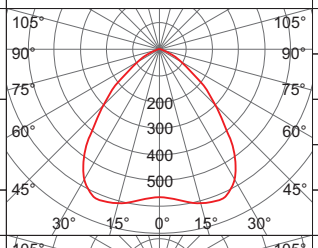
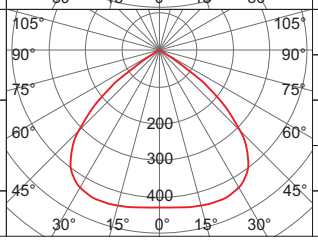
Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
Rated frequency	50Hz / 60Hz
CRI (Ra)	70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Cable entry	M20×1.5, M25×1.5, G3/4", NPT1/2", NPT3/4"
Terminals	Multi core: ≤2.5mm ^{2}
	Single core: ≤4mm ^{2}
Dimension (mm)	Φ300×290
Net weight (kg)	6.4

TORMIN

BC9307P
LED Explosion Proof Light(Pole)

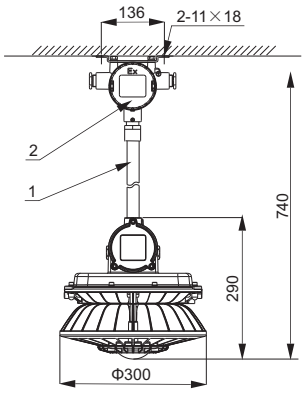
Ordering reference

Ordering reference	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution curve(1000cd/lm)	Equivalent to MH
BC9307P-L100-80°		100W	11500	1. 35	8~12m		250W
BC9307P-L120-80°		120W	13200				＞250W
BC9307P-L150-80°		150W	16800		10~15m		400W
BC9307P-L200-80°		200W	23700				＞400W
BC9307P-L240-80°		240W	27200		15~25m		600W~800W
BC9307P-L100-100°		100W	11600	1. 4	8~12m		250W
BC9307P-L120-100°		120W	13400				＞250W
BC9307P-L150-100°		150W	17000		10~15m		400W
BC9307P-L200-100°		200W	23900				＞400W
BC9307P-L240-100°		240W	27400		15~20m		600W~800W

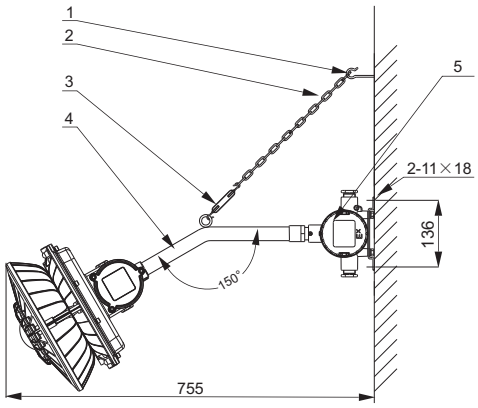
Note 1:Lens can be customized 60°×80°,90°×100°,200°

Drawing of dimension (Dimensions in mm)

Pole mounting



Wall mounting 150deg



Accessories order information(Pole mounting)

Ordering reference	Item no.	Specification	quantity
P01	1	G3/4" pole 30cm	1
BHD01	2	Explosion proof junction box	1

Accessories order information(Wall mounting 150deg)

Ordering reference	Item no.	Specification	quantity
P03	1	Expansion screw hook	1
	2	Chain	1
	3	C-C turn buckle	1
	4	G3/4" bend pipe 150°	1
BHD01	5	Explosion proof junction box	1