

BC9700 series High Power LED Explosion Proof Light

TORMIN



Ex marking: Ex db IIC T5/T4/T3 Gb
Ex tb IIC T95°C/T130°C/T195°C Db

Application

- Zone 1, zone 2; zone 21, zone 22
- Suitable for Low installation height in Moist corrosive environment, such as offshore drilling platform, Oil Terminal, etc.
- Ideal to be used in the environment of flammable gas, steam and dust environment, such as Petrochemical Plant, Chemical Plant, Coal Washery, Pharmaceutical Factory, etc.
- Areas for high demand of high temperature performance.



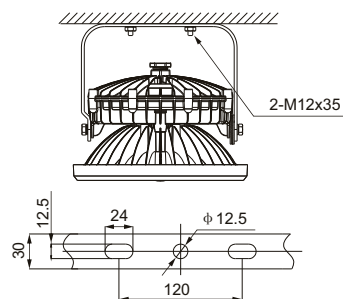
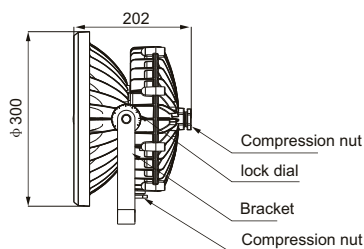
Characteristics

- 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.
- It adopts imported light source, no dark spot, energy-saving is 60% more than Metal Halide Lamp.
- AC-DC wide voltage driver, power factor above 0.98.
- The rapid replacement of power without welding can be realized.
- The adjustable locking device on the bracket can tightly fix the lamp to any desired angle, making the lamp resist to harsh vibration.
- It is made using aluminum housing, all exposed fasteners adopt 304 stainless steel. Using high-tech anti-corrosion surface treatment technology, suitable for hazardous working areas.
- Windward area is only 30% of the traditional lamp, suitable for high-altitude winds area.
- Intelligent control functions can be realized.

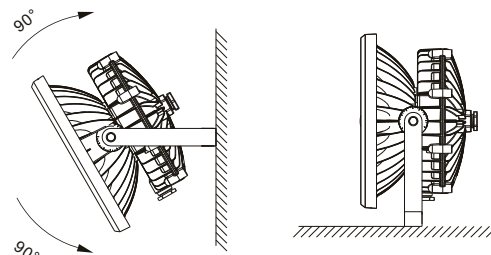
Main Specification

Item	Technical Parameters
Input voltage (V)	90~305VAC
Rated frequency	50Hz / 60Hz
Light source	LED
Life time (h)	50,000
CRI (Ra)	70 (80 optional)
CCT	5000K(3000K/4000K optional)
Cable Entry	M20×1.5, M25×1.5, G3/4", NPT1/2", NPT3/4"
Dimension (mm)	300×202×332
Net weight (kg)	6.3

Drawing of dimension (Dimensions in mm)

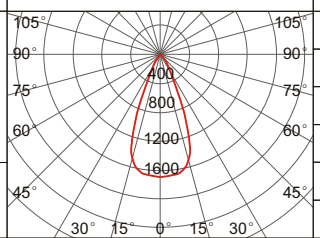
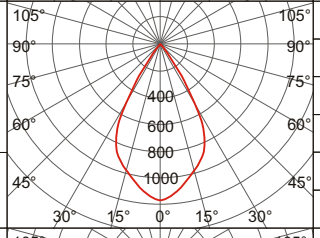
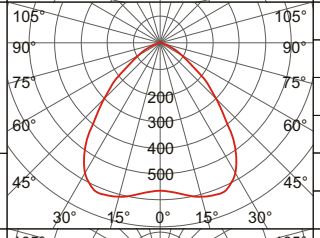
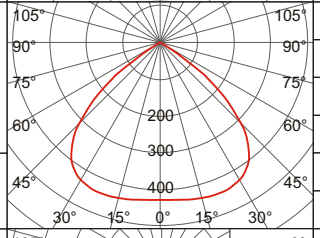
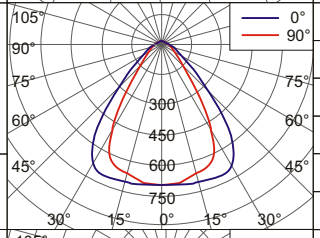
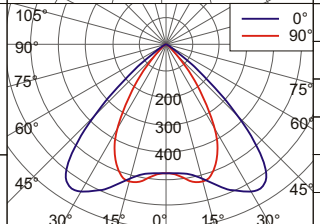


Installation dimensions



Standard

Ordering Reference

Model number	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to MH
BC9700-L60-40°		60W	6600	0.7	8~12m		150W
BC9700-L80-40°		80W	8600		175W		
BC9700-L100-40°		100W	11200		250W		
BC9700-L120-40°		120W	12900		>250W		
BC9700-L150-40°		150W	15600		400W		
BC9700-L180-40°		180W	16800		>400W		
BC9700-L60-60°		60W	6600	0.9	8~12m		150W
BC9700-L80-60°		80W	8600		175W		
BC9700-L100-60°		100W	11200		250W		
BC9700-L120-60°		120W	12900		>250W		
BC9700-L150-60°		150W	15500		400W		
BC9700-L200-60°		200W	21900		>400W		
BC9700-L60-80°		60W	6800	1.35	8~12m		150W
BC9700-L80-80°		80W	8800		175W		
BC9700-L100-80°		100W	11500		250W		
BC9700-L120-80°		120W	13200		>250W		
BC9700-L150-80°		150W	15900		400W		
BC9700-L200-80°		200W	22300		>400W		
BC9700-L60-100°		60W	6800	1.4	8~12m		150W
BC9700-L80-100°		80W	8900		175W		
BC9700-L100-100°		100W	11600		250W		
BC9700-L120-100°		120W	13400		>250W		
BC9700-L150-100°		150W	16100		400W		
BC9700-L200-100°		200W	22700		>400W		
BC9700-L60-60°×80°		60W	6800	1.25	8~12m		150W
BC9700-L80-60°×80°		80W	9000		175W		
BC9700-L100-60°×80°		100W	11800		250W		
BC9700-L120-60°×80°		120W	13600		>250W		
BC9700-L150-60°×80°		150W	16400		400W		
BC9700-L200-60°×80°		200W	22100		>400W		
BC9700-L60-90°×110°		60W	6600	1.75	8~12m		150W
BC9700-L80-90°×110°		80W	8400		175W		
BC9700-L100-90°×110°		100W	11000		250W		
BC9700-L120-90°×110°		120W	12600		>250W		
BC9700-L150-90°×110°		150W	15200		400W		
BC9700-L200-90°×110°		200W	20900		>400W		