TORMIN BC9308S LED Explosion Proof Light(Bracket)

Ex
CE
RoHS
LM79
LM84
IP 66
Ta 55
Ta -40



Ex marking: Ex db IIC T4/ T5/ T6 Gb
Ex tb IIIC T130℃/ T95℃/ T80℃

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 and installation types under one lamp design, an effective solution to beautify workshop and device platform.
- Optoelectronic integrated technology, no dark spot, no ghosting, energy-saving is 60% more than Metal Halide Lamp.
- AC-DC wide voltage and constant power driver, can be long-term used in voltage instability places.
- Quick replay light source without welding.
- Windward area is only 30% of the traditional lamp, suitable for high-altitude winds area.

Application

- Suitable for oil drilling, refining platform, chemical petrol factory, pharmaceutical factory, polishing factory, etc.
- Gas explosive environment: Group IIA,IIB,IIC.
- Zone 1,zone 2;zone 21,zone 22.



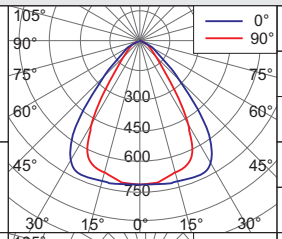
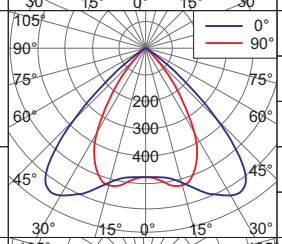
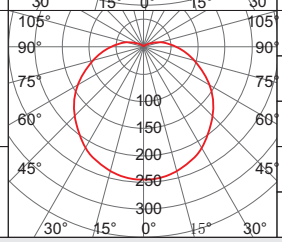
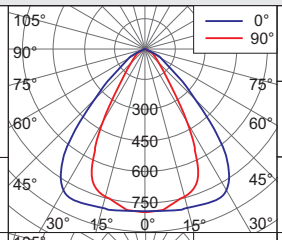
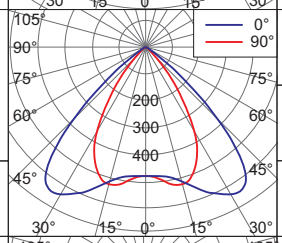
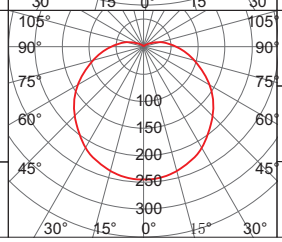
Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC(30~60W) or 185~264VAC (80W)
	18~43VAC/ 18~55VDC (30~60W)
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)	180×230×270
Net weight (kg)	3.7

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Ordering Reference

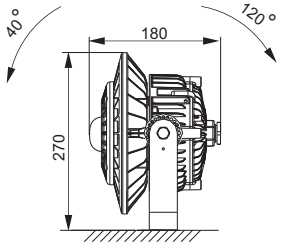
Ordering reference	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution curve(1000cd/lm)	Equivalent to MH
Input voltage: 90~264VAC(30~60W) or 185~264VAC (80W)							
BC9308S-L30-60°×80°		30W	3500	1.25	3~6m		70W
BC9308S-L40-60°×80°		40W	4600				100W
BC9308S-L50-60°×80°		50W	5600				100W
BC9308S-L60-60°×80°		60W	6900		5~8m		150W
BC9308S-L80-60°×80°		80W	8800				175W
BC9308S-L30-90°×110°		30W	3300	1.75	3~6m		70W
BC9308S-L40-90°×110°		40W	4400				100W
BC9308S-L50-90°×110°		50W	5600				100W
BC9308S-L60-90°×110°		60W	6700		5~8m		150W
BC9308S-L80-90°×110°		80W	8400				175W
BC9308S-L30-200°		30W	2800	1.75	2~5m		70W
BC9308S-L40-200°		40W	3700				100W
BC9308S-L50-200°		50W	4500				100W
BC9308S-L60-200°		60W	5400		3~6m		150W
BC9308S-L80-200°		80W	6800				175W
Input voltage: 18~43VAC/ 18~55VDC							
BC9308S-L25D-60°×80°		25W	2900	1.25	3~6m		70W
BC9308S-L40D-60°×80°		40W	4600				100W
BC9308S-L60D-60°×80°		60W	6900		5~8m		150W
BC9308S-L25D-90°×110°		25W	2700	1.75	3~6m		70W
BC9308S-L40D-90°×110°		40W	4400				100W
BC9308S-L60L-90°×110°		60W	6700		5~8m		150W
BC9308S-L25D-200°		25W	2400	1.75	2~5m		70W
BC9308S-L40D-200°		40W	3700				100W
BC9308S-L60D-200°		60W	5400		3~6m		150W

Note 1:Lens can be customized 40°,60°,80°,100°

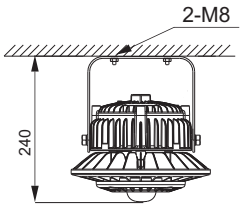
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Drawing of dimension (Dimensions in mm)

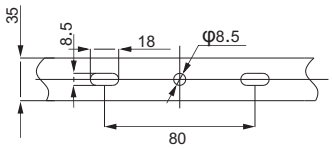
Seat mounting

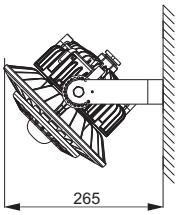


Ceiling mounting

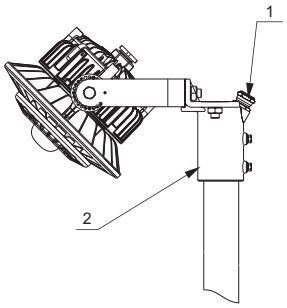


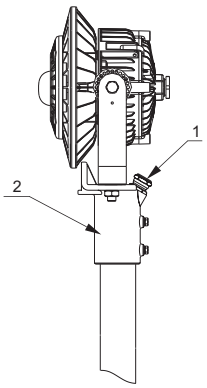
Side wall mounting





Pole mounting





Accessories ordering information(optional)

Ordering reference	Item no	Specification	quantity	note
P07	1	Water proof plug M20	1	ϕ8~ ϕ12mm cable
	2	Vertical Mounting pole	1	ϕ40~ ϕ50mm pole