

**Ex**

LM79

LM84

**IP**  
66

**Ta**  
55

**Ta**  
-40



Ex marking: Ex db IIC T4/T5/T6 Gb  
Ex tb IIIC T80 °C/T95 °C/T130 °C Db

## 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.



## 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.

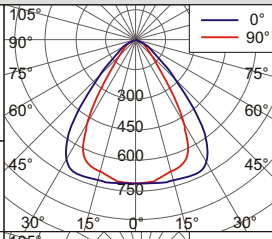
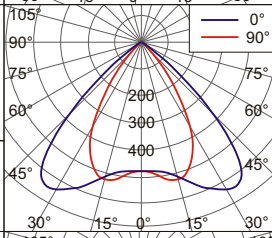
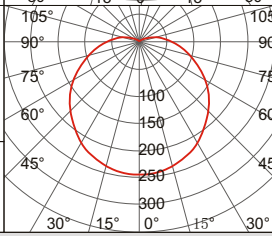
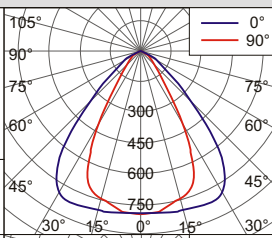
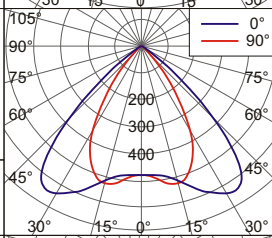
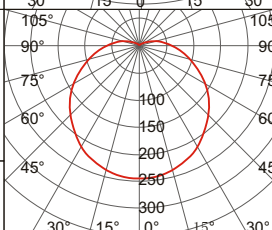
## Main Specification

| Item              | Technical Parameters                      |
|-------------------|-------------------------------------------|
| Input voltage (V) | 90~264VAC                                 |
|                   | 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                                       |

# BC9308S LED Explosion Proof Light(Bracket)

# TORMIN

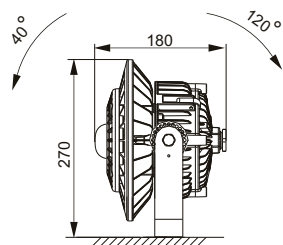
## Ordering Reference

| 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          |                                                                                     |                   |                   |                    |                     |                                                                                       |               |
| 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                                                                                  |               |

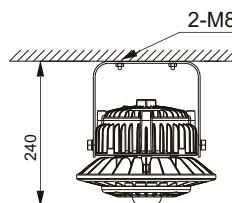
Note 1: Lens can be customized 40°, 60°, 80°, 100°

Drawing of dimension (Dimensions in mm)

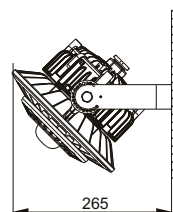
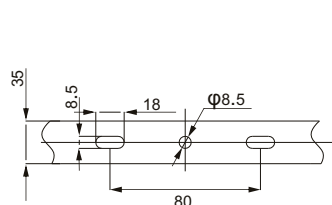
Seat mounting



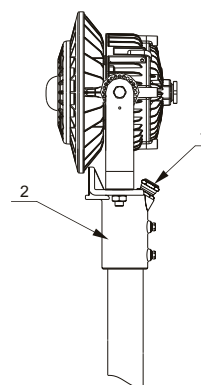
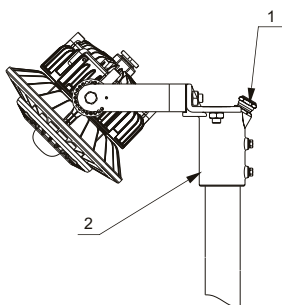
Ceiling mounting



Side wall mounting



Pole mounting



Accessories ordering information(optional)

| Ordering reference | Item no | Specification          | quantity | note              |
|--------------------|---------|------------------------|----------|-------------------|
| P07                | 1       | Water proof plug M20   | 1        | Φ 8~ Φ 12mm cable |
|                    | 2       | Vertical Mounting pole | 1        | Φ 40~ Φ 50mm pole |