

LED



IP66

-40°C

+50°C



Application

- Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc.
- Harsh environment, moist area.
- Gas explosive environment: Group IIA; IIB.
- Zone 1, Zone2; Zone 21, Zone 22.
- Temperature class: T1 to T6.

Characteristics

- With its reflector which have different angles design, it efficiently utilize the light. Have a good performance of illuminance uniformity, glare free, can avoid eyestrain to the worker.
- It adopts American CREE LED as light source, can save 60% or more on energy than metal halide lamp.
- The housing is especially designed to dissipate heat, which increase the efficiency and lifespan of the LED, so that to ensure the 100,000 hours LED lifespan.
- World top ranking Taiwan Meanwell LED Driver, power factor:0.98, has a highly stable performance.
- The adjustable locking device on the bracket can tightly fix the lamp to any desired angle, making the lamp resist to harsh vibration
- The anti corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
- Multiple mounting options including ceiling mounting, pendent mounting, wall mounting etc.
- The lamp can parallel connected, no need to use the junction box.
- 18-43VAC or 18-55VDC is optional for 25W and 40W as customer's requirement.

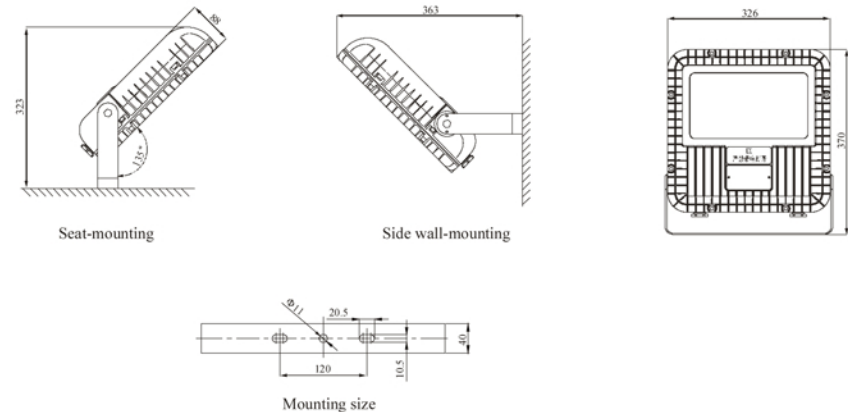
Technical Specification

| | |
|----------------------|------------------------|
| Input Voltage | 90-305VAC / 127-431VDC |
| Frequency | 50Hz / 60Hz |
| Anti corrosion grade | WF2 |
| Insulation Grade | I |
| Spacing height ratio | 4.5 |
| Screw Thread | G3/4" |
| Cable Diameter | φ 8mm- φ 14mm |
| Dimension | 370*326*88mm |
| Net Weight | 6.5Kg |

Ordering reference

| Model Number | Input Voltage | Light source | Rated wattage (W) | Light output (lm) | Equivalent to | | | |
|--------------|----------------------------|--------------|-------------------|-------------------|-------------------|---------------------|--------------------|----------------------------|
| | | | | | Metal Halide Lamp | Electrode Less Lamp | Energy Saving Lamp | High Pressure Mercury Lamp |
| BC9101-L25 | 90-305VAC or 127-431VDC | LED | 25 | 3,300 | 70W | 60W | 80W | 80W |
| BC9101-L40 | | LED | 40 | 5,508 | 100W | 100W | 130W | 125W |
| BC9101-L60 | | LED | 60 | 8,138 | 150W | 135W | 180W | 175W |
| BC9101-L80 | | LED | 80 | 9,168 | 175W | 165W | / | 250W |
| Optional | | | | | | | | |
| BC9101-L25-D | 18-43VAC or 18-55VDC | LED | 25 | 3,300 | 70W | 60W | 80W | 80W |
| BC9101-L40-D | | LED | 40 | 5,508 | 100W | 100W | 130W | 125W |

Drawing of dimension (Dimensions in mm)



Ex Code: Ex d II B T6 Gb
Standard: GB3836.1, GB3836.2
IEC60079-1:2007,MOD

Light distribution curve

