

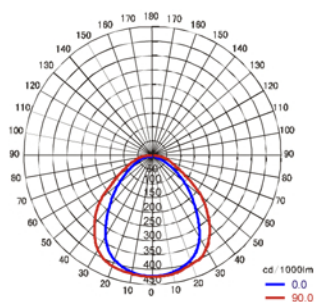
LED



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



Light distribution curve



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 the 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.
- It uses Taiwan Meanwell electrical appliance which's lifespan is top ranking in the world, 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, pendant, wall etc.
- Adjustable mounting bracket enable the operator to choose mounting angle within 90°.
- The lamp can parallel connected, no need to use the junction box.

Main specification

Input Voltage	90-264VAC / 127-370VDC
Output Voltage	42VDC
Frequency	50Hz / 60Hz
Recharge Time	>5 hours
Ingress Protection	IP66
Anti Corrosion Grade	WF2
Insulation Grade	I
Space Height Ratio	4.5
Thread	G3/4"
Leading-in cable diameter	φ 8mm - φ 14mm
Dimension	370*326*75mm
Net Weight	5.5Kg

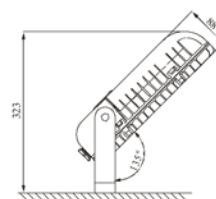
Ordering reference

Model No.	Type	Light Source	Normal illuminate Wattle (W)	Emergency Wattle (W)	Emergency Duration (minute)	Emergency Luminous Flux(lm)	Replace MH
BC9101A-L25-L15	Normal illuminate + Emergency	LED	25	15	120	2,134	35W
BC9101A-L40-L15			40	15	120	2,134	35W
BC9101A-L60-L15			60	15	120	2,134	35W
BC9101B-L15	Only Emergency	LED	/	15	120	2,134	35W
BC9101A-L25-L25	Normal illuminate + Emergency	LED	25	25	70	3,300	70W
BC9101A-L40-L25			40	25	70	3,300	70W
BC9101A-L60-L25			60	25	70	3,300	70W
BC9101B-L25	Only Emergency	LED	/	25	70	3,300	70W

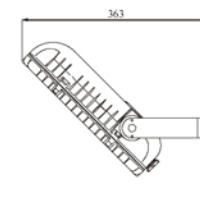
Remark: BC9101A: Under normal condition, BC9101A will use normal external power to illuminate (its rated power can be made to 25W / 40W / 60W). In the case of power outage or in any situation where power is interrupted, this unit will automatically switch to battery backup (lamp wattage can be made to 15W / 25W under emergency mode) which will power the unit for 120 or 70 minutes (15W: 120minutes, 25W: 70minutes).

BC9101B is only applied for emergency lighting when power outage, and on normal condition it is off.

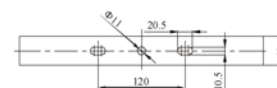
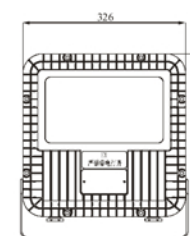
Drawing of dimension (Dimensions in mm)



Seat-mounting



Side wall-mounting



Mounting size

• MH: Metal halide lamp