



Ex marking: Ex de IIC T6 Gb
Ex tD A21 IP66 T80°C



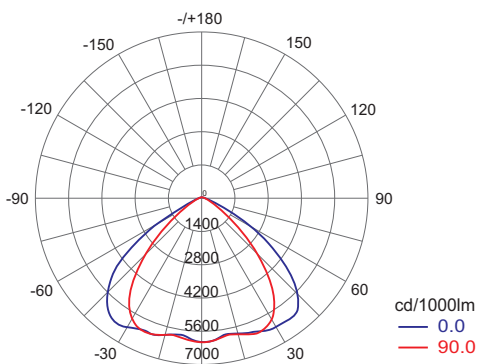
Application

- This product is widely used for flood lighting in hazardous area like petroleum exploration, chemical industry, electric power, port, military industry, etc.
- Applicable to explosive gas or dust environment in Zone 1, Zone 2, Zone 21, Zone 22.
- Suitable for IIA, IIB, IIC explosive gas environment and temperature group from T1 to T6.
- Applicable ambient temperature is from 40°C to -20°C

Characteristics

- The lamp adopts modular design and the module can be quickly replaced without welding.
- The beam angle is 80x100 degrees.
- Unique heat dissipation structure, semi-closed and transparent heat dissipation structure to ensure the service life of the LED.
- The protection level IP66 which can effectively resist heavy rain.
- Can be connected in parallel which eliminates the junction box and installation costs.
- The light source is international brands. The whole light efficiency is more than 105lm/w and the power consumption is 40% of metal halide lamp.
- The shell has anti-corrosion and anti-vibration ability, suitable for various harsh environments.

Light distribution curve



Main Specification

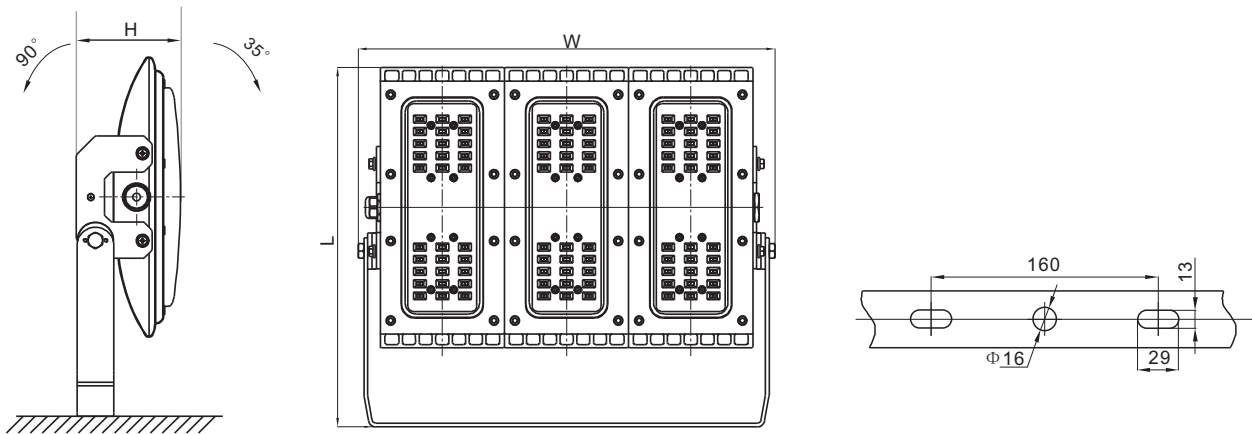
Item	Technical Parameters
Input voltage	185~265VAC
Rated freq.	50Hz / 60Hz
Rated wattage	30W~400W
Light source	LED
Life time	100,000 hours
Ra	70 (80)
CCT	5000K (3000K/4000K)
Cable entry thread	G1/2 (G3/4), M20X1.5

Ordering reference

Item No.	Wattage (w)	Light output (lm)	Net weight (Kg)	Space height ratio	Mounting height (m)	Dimension (mm)	Equivalent to MH
BC9103S-L30	30	5070	3.3	1.4	2~3m	358(L)X185(W)X115(H)	70W
BC9103S-L40	40	6760					70W
BC9103S-L50	50	8450					100W
BC9103S-L100	100	16900	6		6~8m	413(L)X317(W)X115(H)	250W
BC9103S-L150	150	25350	8.5		8~12m	397(L)X461(W)X115(H)	400W
BC9103S-L200	200	33800	11.1			394(L)X599(W)X115(H)	400W~600W
BC9103S-L250	250	42250	13.7		15~20m	414(L)X736(W)X115(H)	600W
BC9103S-L300	300	50700	21.5			641(L)X461(W)X185(H)	600W~1000W
BC9103S-L400	400	67600	26.4			20~30m	704(L)X607(W)X185(H)

Drawing of mounting

Bracket mounting:



Side wall mounting:

