

BFC8123

Explosion-protected LED Floodlight



Coding: Ex d [ib] IIB T5 Gb

DIP A21 TA, T5

■ Applications

- Designed to illuminate the locations where explosive gases or dusts are present, such as corridors in the oil and petrochemical facilities, oil terminals, compressor rooms, pump rooms, etc.

■ Features

Safe and reliable

- The light fitting is approved for use in hazardous area with the presence of explosive gases or dusts.
- Type of protection: Ex d, Ex ib
- Superior heat dissipation ensures long service life.
- Light source is isolated from driver in a separated compartment, providing extended life.
- PC made transparent cover features excellent impact resistance.
- Power factor of electronic ballast is higher than 0.95, available for voltage of AC90-240V.

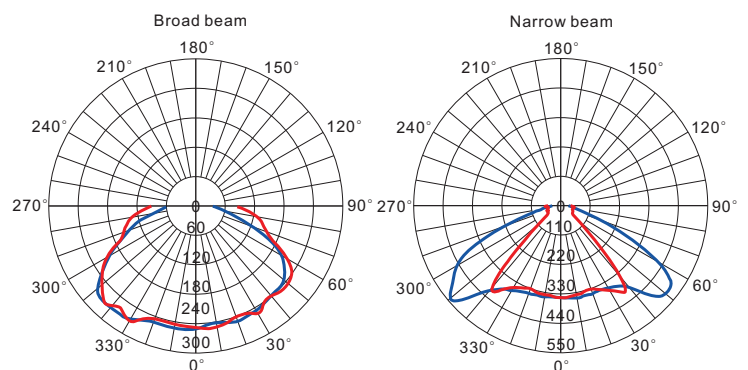
Comfortable lighting environment

- Unique optical distributions precisely illuminate and emphasize target applications while eliminating unwanted spill light.
- Two types of light distributions: broad beam and narrow beam, fulfilling the requirements of different locations.

Easy for operation

- Small size, low weight, easy to install and maintain.
- Suitable for pole mounting, ceiling mounting, pendant mounting and wall mounting.

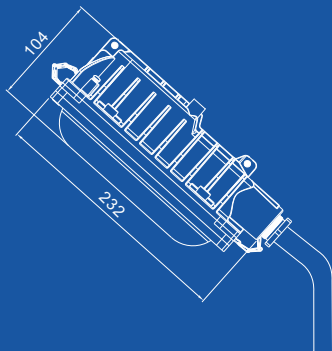
■ Photometric data



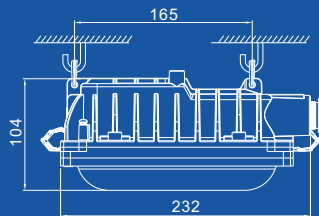
cd / 1000 lm

— C0° / 180°	Ratio of distance to height: 1.53
— C90° / 270°	Ratio of distance to height: 1.96

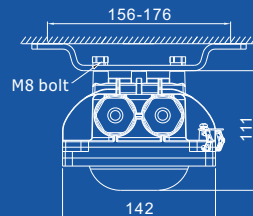
■ Mount style (unit: mm)



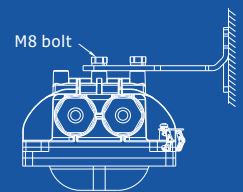
Pole mount



Pendant mount



Ceiling mount



Wall mount

■ Technical Data

Model: BFC8123

1. Rated voltage: 90 V - 240 V AC 50 Hz / 60 Hz
2. Light source (LED):
 - Power: 30 W
 - Rated current: 650 mA
 - Luminous flux: 3300 lm
 - Life: 100000 h
3. Ambient temperature: -20 °C - +40 °C
4. Outside diameter of cable: Ø8 mm - Ø14 mm
5. Dimensions (L × W × H): 216 mm × 142 mm × 90 mm
6. Weight: 2.4 kg
7. Degree of protection: IP 66
8. Corrosion-resistance class: WF2
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