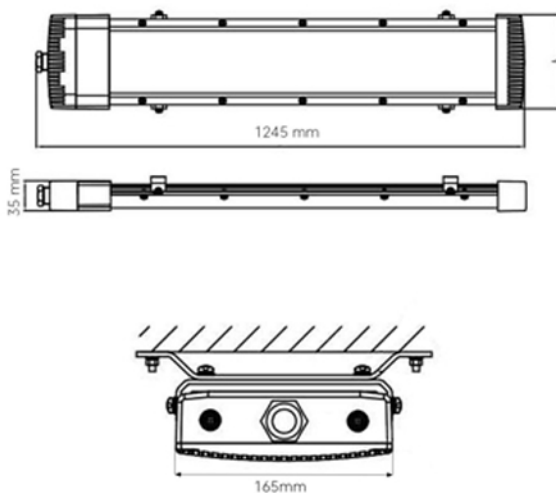




### General Specifications

Explosive atmosphere Zone 1, Zone 2 Groups IIA, IIB, IIC. Combustible dust Zone 21, Zone 22 Groups IIIA, IIIB, IIIC. Temperature class T6. Harsh environments, humid areas.

Ideal for use in oil drilling, refining, storage, chemical, medical, military and marine installations, etc., with potentially explosive atmospheres. Protection rating: IP65

Corrosion resistance rating: WF2

Impact resistance rating: IK10

ATEX marking: II GD Ex db eb IIC T6

### Features

1. The housing is made of die-cast aluminum alloy and coated with high-voltage electrostatic powder .
2. High-strength opaque PVC cover with a 120° opening.
3. Includes brackets for surface mounting.
4. The protective covers are immersion-treated for reliable corrosion resistance.
5. High-performance SMD LED light source, saving 50% compared to conventional fluorescent bars.
6. High-performance internal driver (PF>0.98), supports an input voltage of 85-265V.
7. Internal grounding pins to ensure a reliable ground connection.
8. Cable entry with explosion-proof cable gland, 3/4" NPT.

### Maintenance

1. Perform regular visual, electrical, and mechanical inspections. The environment and frequency of use should determine the frequency. However, it is recommended to perform checks at least once a year.
2. The lens should be cleaned periodically to ensure continuous lighting performance. To clean, wipe the lens with a clean, damp cloth. If this is not sufficient, use mild soap or a liquid cleaner. Do not use abrasive, strong alkaline, or acidic cleaners. Damage may occur.
3. Visually check for overheating, evidenced by discoloration of cables or other components, damaged parts, or leaks evidenced by water or internal corrosion. Replace all worn, damaged, or malfunctioning components and clean the sealing gaskets before returning the luminaire to service.
4. Check that all electrical connections are clean and tight.
5. Mechanically check that all parts are correctly assembled.
6. Maintenance must be carried out by qualified personnel.

Model Length Power

BSEX1250F 1200 mm 50W

### Installation

This product is suitable for surface mounting. Use screws appropriate for the surface on which you will install the light fixture. Do not leave any of the brackets unscrewed.

Once all screws are in place, ensure that the lamp is firmly attached to the surface.