EXPLOSION-PROOF LED HERMETIC LUMINAIRE



OHBF51Q - SERIE

IZUMI LED
TECHNOLOGY OF JAPAN





Features

- Products can work safely in various flammable and explosive places.
- Material : PC cover and GRP body,suitable for various low top, platform,high ceiling, high shed and other places are used as solid lighting.
- Transparent toughened glass protective cover, good light transmittance, impact resistance, high light flux, energy saving, environmental protection and other advantages.
- Beautiful appearance, simple and reliable structure, easy installation; structural steel pipe or cable wiring can be;
- Independent wiring cavity design makes wiring more convenient and fast.
  The protection level of the lamp body is IP66, and the anti-corrosion level can reach WF2. The surface of the lamp body will never corrode and never rust.

Compliance

CCC, CE, EMC, LVD, RoHS, ATEX

IP66



Application

1. This product is suitable for efficient lighting inrailway, electric power, metallurgy,petroleum,petrochemical, chemical, steel, aviation, ship andvarious types of factories,stations, large facilities,venues and other places.
2. Applicable to zone 1 and zone 2 places in explosive gas environment;
3. Suitable for class IIa, IIB, IIC and explosive gas environment;
4. It is applicable to areas 21 and 22 with combustible dust environment;
5. Applicable to T1-T6 (T5) temperature group;
6. It is applicable to energy-saving transformation projects and places where maintenance and replacement are difficult;
7. It is suitable for places with high protection requirements, humidity and harsh environment;
8. Suitable for places with high anti-corrosion requirements, corrosion and harsh environment;



Warranty

5-Year Standard Warranty

LED lumen maintenance: L70> 50,000hrs (LED),



Technical Parameter

Electrical

Specification	OHBF51Q
Rated Power	2x16W / 2x18W / 2x20W
Input Voltage	100~240 VAC
Input Frequency	50/60Hz
Power Factor	> 0.95
Light source specifications	T8 Tube

Optical

Specification	OHBF51Q
Light Source	Led Lamp PCS
Lumens Per Watt	120.~ 160 Lm/w
CCT	3000K / 4000K / 6500K
CRI	> 70
Beam Angle	120°,180°
Color Rendering Index	≥70RA

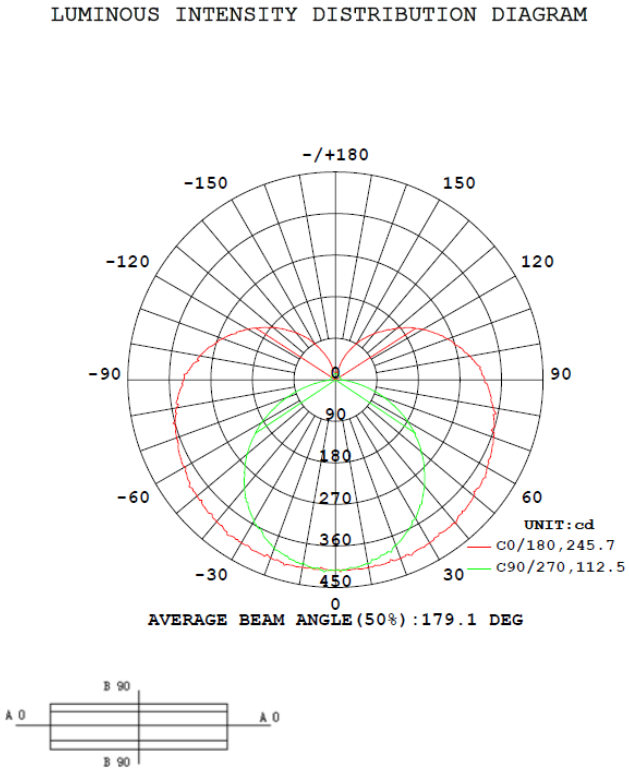
Environmental

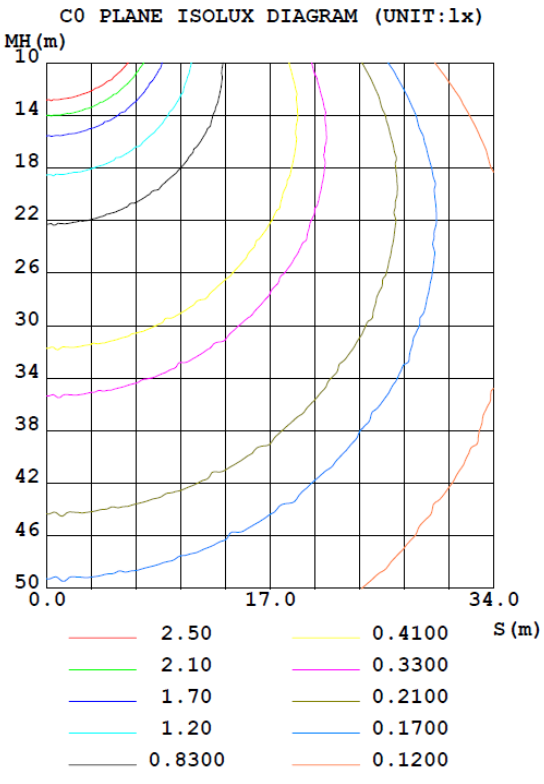
Specification	OHBF51Q
Ambient Operating Temperature	-20~+40 °C

Mechanical

Specification	OHBF51Q
Anticorrosion grade	WF2
Explosion proof grade	II2 G Ex db IIC T6 Gb / II2 D Ex tb IIIC T80C Db
Start-up time	≤0.2 S
Executive standard	GB3836.1 /GB3836.2
Weight	4.9 KG
Size	1380*180*120 mm

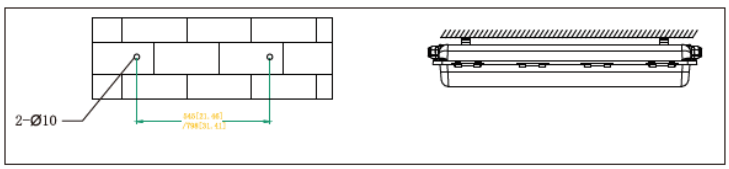
Light distribution diagramt



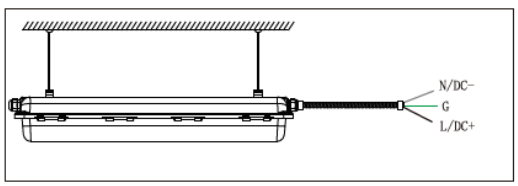


• Instrucciones de instalación

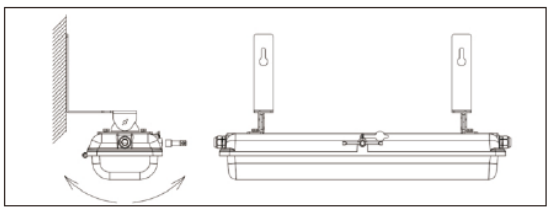
No.1: Surface Mounting



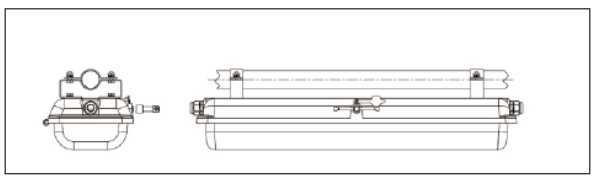
No.2: Pendant Mounting



No.3: Wall Mounting



No.4: Pole Mounting



Caution

. chematic diagram

- When installing and maintaining lamps and lanterns, the power supply must be disconnected first.
- Non-professionals are not allowed to disassemble lamps and lanterns at will.
- When used, there is a certain temperature rise on the surface of lamps and lanterns, which is a normal phenomenon; the central temperature of transparent parts is higher, so it is not allowed to touch directly with hands.

Warning:

Do not install directly on combustibles.
Replace any cracked protective screen.
Lamps must be grounded reliably.

Using The Matters Needing Attention

. This product is explosion-proof and can be used in various flammable and explosive places.

- Transport lights should be installed in the cartons equipped with foam shock absorption.
- The power supply voltage can work normally within the prescribed range, too high the power supply voltage will damage the lamps; too low the voltage will cause the lamps can not start normally.

Quality Assurance

. The company has passed ISO9001:2008 international quality system audit certification, this product strictly implements ISO9001 international quality management system standard production, to ensure that the product quality fully meets national standards and design requirements.