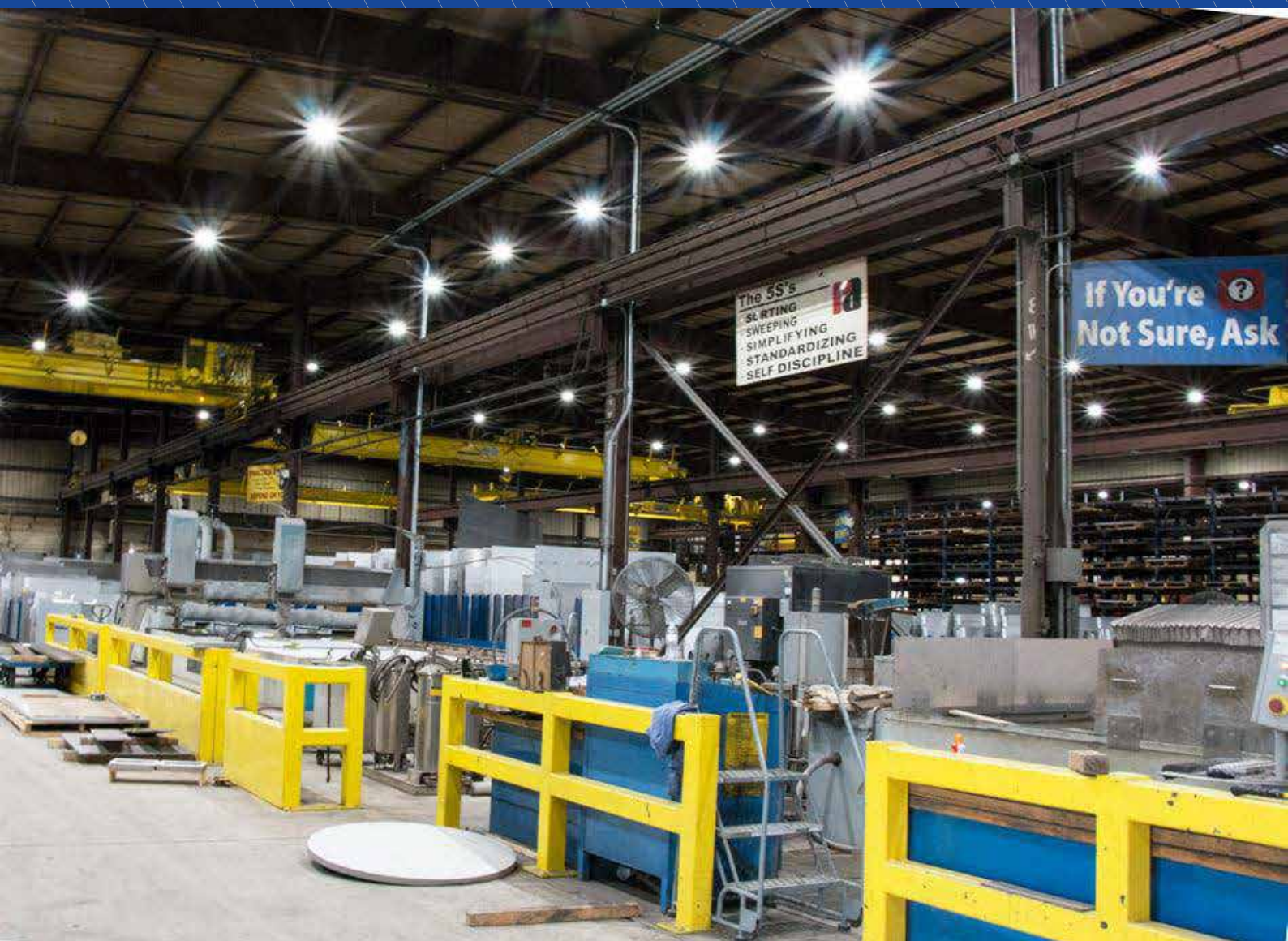
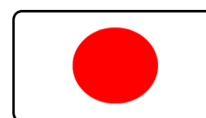


LED EXPLOSION PROOF LIGHT



OHBF-8236D-SERIE



IZUMI LED
TECHNOLOGY OF JAPAN



Features

■ **Product configuration:** the light source adopts (Cree) brand LED light-emitting chip, with ultra-high luminous efficiency and an average service life of 100000 hours. It is driven by first-line brand power supply, processed by wide voltage technology, with guaranteed quality, constant current output, short circuit and overvoltage protection.

■ **Heat dissipation design:** the light source radiator is formed by one-piece die-casting, with firm structure, excellent heat conduction and heat dissipation performance, effectively controlling the temperature rise of the lamp within a reasonable range, thus ensuring the service life of the lamp.

■ **Explosion proof performance:** the products are designed and developed in strict accordance with the national explosion-proof standard GB3836 series documents and have obtained the explosion-proof certificate and test report certified by the state. The certificates are complete, precision manufactured, and the explosion-proof performance is safe and reliable.

■ **Protective lampshade:** high borosilicate tempered glass is used, which is corrosion-resistant, impact resistant, high transmittance, uniform and soft light irradiation, and anti glare.

■ **Protection and anti-corrosion:** the lamp body is treated with high-voltage electrostatic spraying, and the screw fasteners are made of stainless steel. With high-precision processing technology, it has the characteristics of high anti-corrosion, high waterproof and high dust prevention.

■ **Convenient installation:** various installation methods such as ceiling and suspender can be adopted as required to meet the needs of low ceiling, platform, high ceiling, high ceiling and other places as fixed lighting. The independent man-machine wiring cavity design can quickly realize the series and parallel connection requirements of lamps, making the installation and wiring more convenient and convenient,

■ **Product appearance:** the appearance adopts the perfect integration of industrial elements and structure. The design is elegant, with clear edges and corners. The special gray color matching is adopted, which is suitable for matching various plant environments.

Compliance

CCC, CE, EMC, LVD, RoHS, IECEX , ATEX
IP66

Application

1. It is suitable for efficient lighting in railway, electric power, metallurgy, petroleum, petrochemical, chemical, iron and steel, aviation, ships and various 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>100,000hrs (LED)



Technical Parameter

• Electrical

Specification	OHBF-8236D
Rated Power	100W-150W-200W
Input Voltage	AC100-220V
Input Frequency	50/60Hz
Power Factor	> 0.95

• Optical

Specification	OHBF-8236D
LED Qty	208pcs
Lumens Per Watt	>130 Lm/w
CCT	3000K-5700K-6500K
CRI	>70
Lighting Angle	90°(60°)

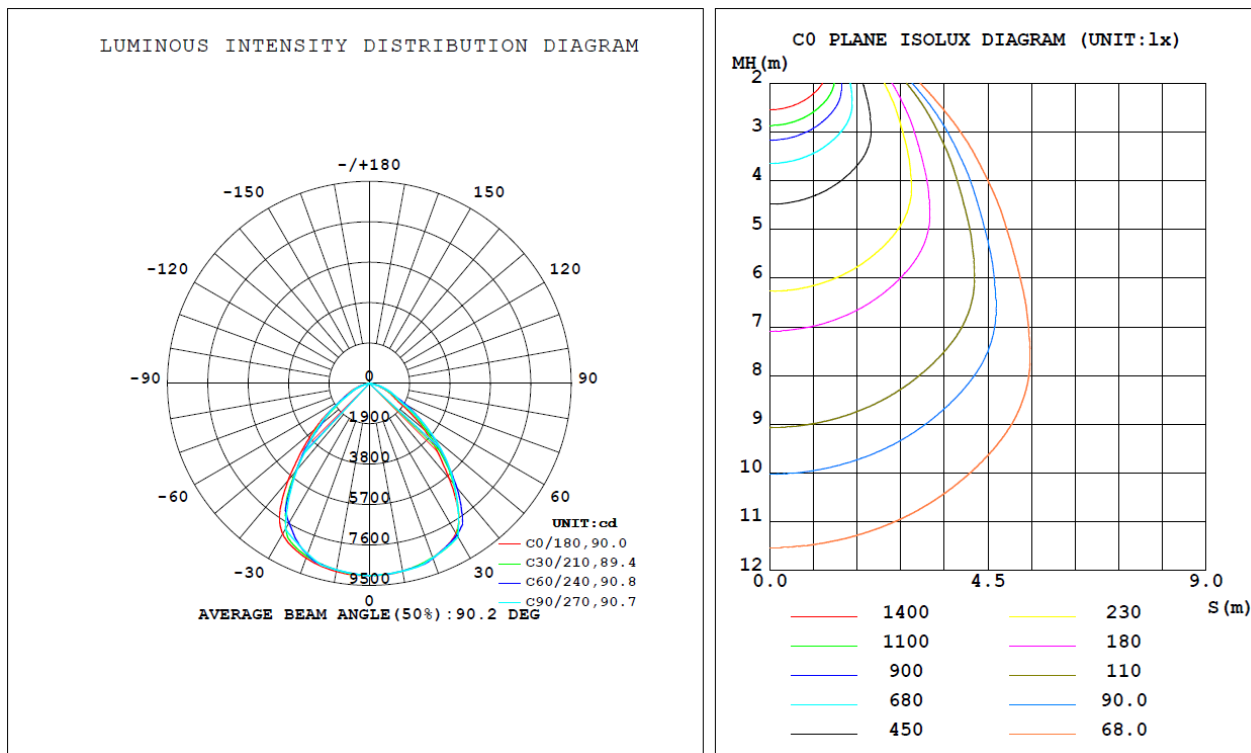
• Environmental

Specification	OHBF-8236D
Ambient Operating Temperature	-20~40°C

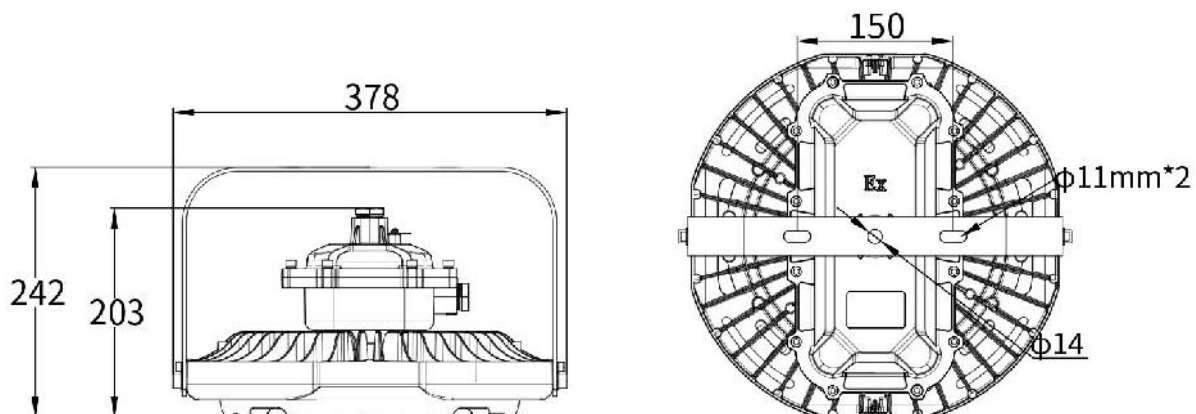
• Mechanical

Specification	OHBF-8236D
Anticorrosion grade	WF2
Explosion proof grade	Exd II 2 G Ex db IIC T6 Gb / Ex II 2 D Ex tb IIIC T80C Db
Protection grade	IP66
Executive standard	GB3836.1 /GB3836.2
Base specifications	CREE3030
Weight	9.76kg
Size	Φ378×203mm

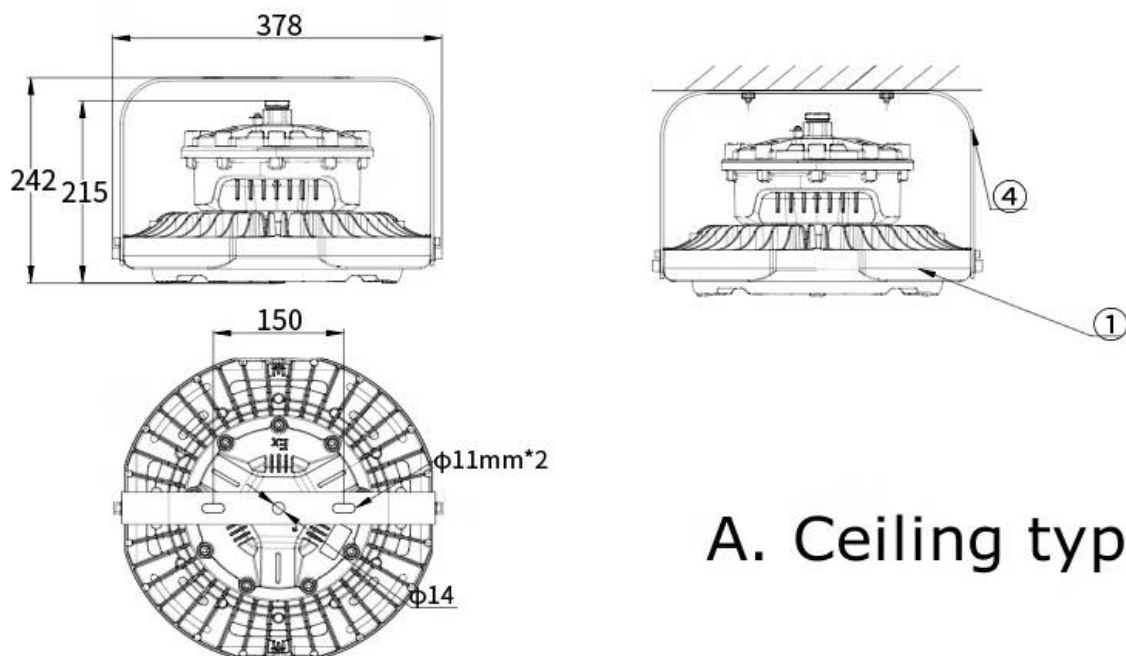
Light distribution test report



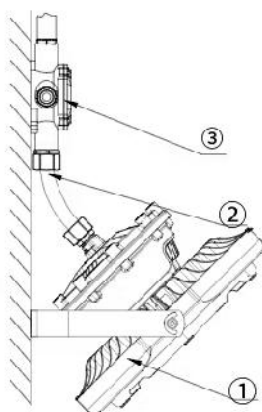
Size



Install



A. Ceiling type



B. Wall type

Item	Name
①	Lamps
②	Explosion-proof flexible connecting pipe G3/4 (external)/G3/4 (external)
③	Explosion-proof junction box G3/4 (flat)
④	U-shaped bracket

Caution

Install caution

1. Before installation, check whether the actual service conditions are consistent with the parameters listed on the lamp nameplate.
2. Before installation, please conduct power on and lighting test according to the parameters of the lamp nameplate to ensure that the lamp has no quality problems before installation.
3. Before installation, the installation position and installation method of lamps must be determined according to the installation method provided by the product and in combination with the on-site use environment and lighting requirements to ensure that the installation is firm and reliable.
4. Connect the prepared cable with the input cable of the lamp according to the live wire (brown), neutral wire (blue) and ground wire (yellow green) to ensure the connection is firm, and take insulation and waterproof measures at the connection.
5. Connect the input end of the cable to the power supply of the corresponding voltage for lighting.

Using caution

1. During transportation, the lamps and lanterns shall be packed in the provided cartons and foam shall be added for shock absorption.
2. During use, the surface of the lamp has a certain temperature rise, which is a normal phenomenon.
3. The power supply voltage can work normally within the range of rated voltage, and excessive power supply voltage will damage the lamps; If the voltage is too low, the lamp will not start normally.
4. Lamps must be reliably grounded.

Note: if the user fails to operate in violation of the above relevant precautions, the user shall bear the adverse consequences.

Quality assurance

The company has passed the ISO 9001:2015 international quality system audit and certification. The products are produced in strict accordance with the ISO9001 international quality management system standards to ensure that the product quality fully meets the national standards and design requirements. Anyone who buys the products produced by our company can enjoy the three guarantees of quality service. See the product warranty card for details.