HIGHBAY LED - ATEX
EXPLOSIÓN-PROOF



OHBF8230 - SERIE

IZUMI LED
TECHNOLOGY OF JAPAN

Highbay Led -Atex- Explosión-Proof



IP66 ATEX RoHS CB FC IK10 PROTECCIÓN

Features

■The lamp body is made of aluminium alloy by die casting. The surface of the lamp is sprayed with high voltage electrostatic. The exposed fastener is stainless steel with high anticorrosive performance. The whole lamp has excellent anticorrosive performance.

■High-strength transparent cover, high light transmission, impact resistance, unique anti-glare design, with optical reflector cup, high reflection efficiency.

■The explosion-proof structure designed in accordance with the national explosion-proof standard GB3836 has reliable explosion-proof performance, long life, special constant current power supply, low power consumption, constant output power meter, high temperature and aging resistant silica gel sealing ring, and high protection grade.

■Adopt the international first-line brand light source chip, unidirectional luminescence, no side light, high light utilization rate, high light efficiency, high display finger, with open circuit, short circuit, overheat protection function, ensure the reliable and continuous operation of light source, wide voltage input, constant light flux output, instantaneous start-up.

■Unique heat dissipation structure design, excellent and reliable heat dissipation performance, ensure the long life and reliable use of lamps.

■Cable wiring, fast and convenient.

Compliance

CCC, CE, EMC, LVD, RoHS, ATEX

IP66

Application

1. This product has good explosion-proof function, suitable for various inflammable and explosive places, mainly used in railway, electric power, metallurgy, petroleum, petrochemical, chemical, steel, aviation, ship and each Efficient lighting in factories,stations, large facilities, venus 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	OHBF8230
Rated Power	10W-20W-30W
Input Voltage	AC100-240V
Input Frequency	50/60Hz
Power Factor	> 0.95

Optical

Specification	OHBF8230
LED Qty	30pcs
Lumens Per Watt	>130 Lm/w
CCT	3000K-5700K-6500K
CRI	>70
Lighting Angle	15/25/36/45/60/90/120°

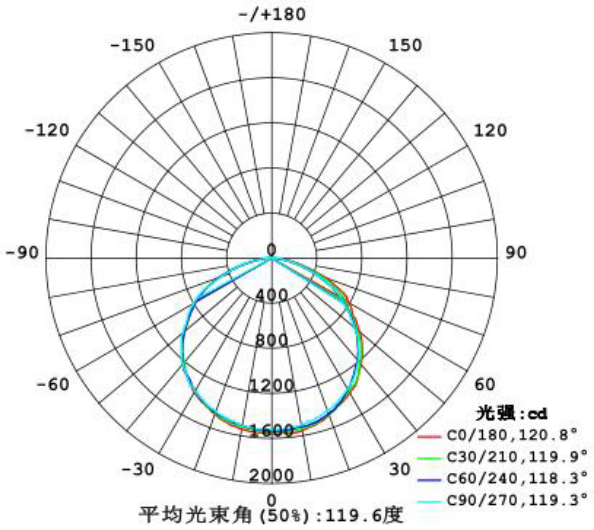
Environmental

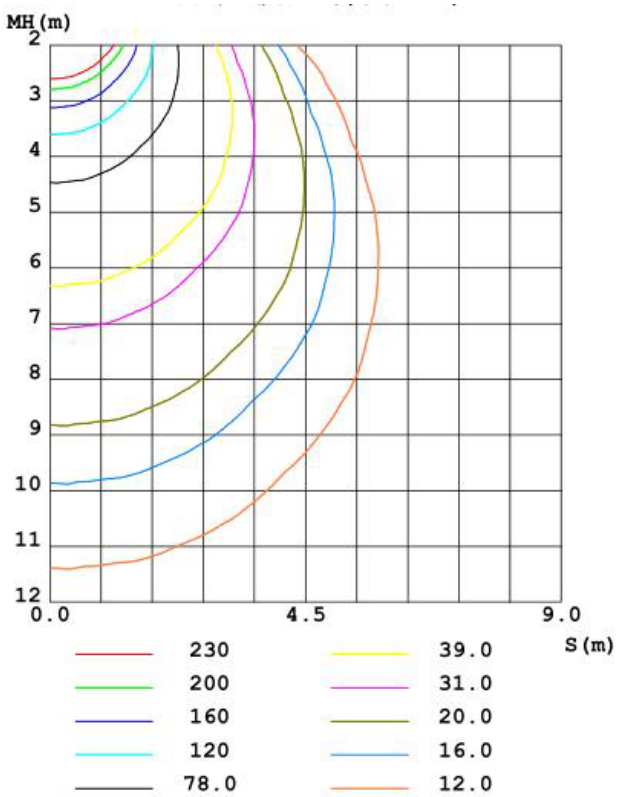
Specification	OHBF8230
Ambient Operating Temperature	-30~50°C

Mechanical

Specification	OHBF8230
Anticorrosion grade	WF2
Explosion proof grade	II2 G Ex db IIC T6 Gb / II2 D Ex tb IIIC T80C Db
Protection grade	IP66
Executive standard	GB3836.1 /GB3836.2
Base specifications	CREE3030
Start-uptime	≤0.2s
Weight	1.4kg
Size	Φ145×130mm

Light distribution test report

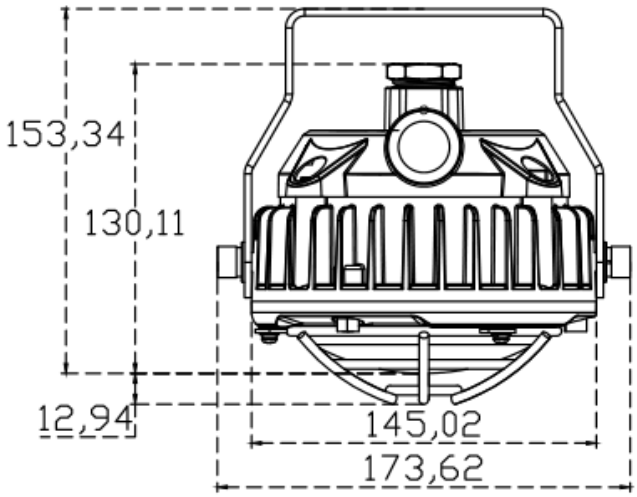


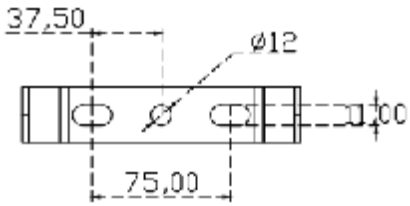


Dimensions

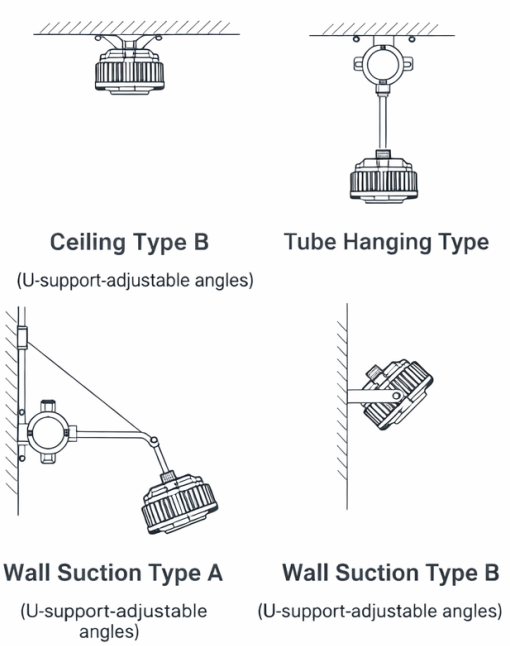
Name	Description	Quantity	Name	Parameter
Outer box	344*344*395mm% Five-layer corrugated paper	1	N.W.	11.2kg
Inner box	16.2*16.2*18.5cm	8	G.W.	12kg
Paper tray	15*15*33cm φ=12cm	8		
Packaging method		8 pieces in 1 carton		

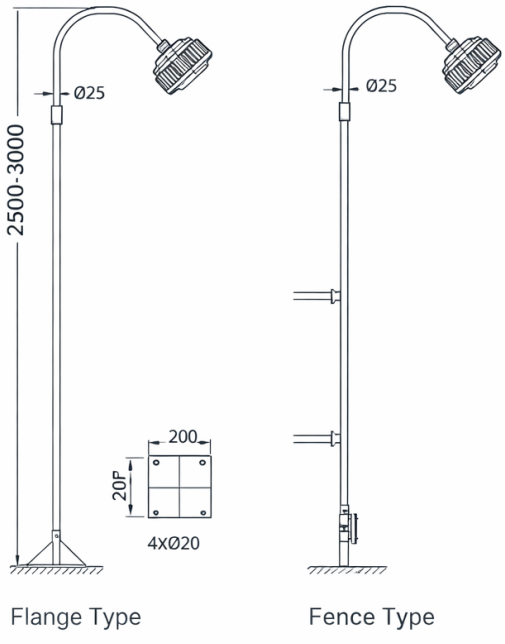
Size





Install





Caution

Schematic diagram

1.- Before installation, it is necessary to check whether the actual operating conditions are in conformity with the parameters listed on the lamp nameplate.

2.- Before installation, please test the lighting according to the parameters of the lamp nameplate to ensure that there is no quality problem before installation.

3.- Before installation, it is necessary to determine the installation location and mode of the lamps according to the installation mode provided by the product, in combination with the on-site use environment and lighting requirements, so as to ensure that the installation is firm and reliable.

4.- Connect the prepared cables with the input cables of lamps and lanterns according to the corresponding fire (brown), zero (blue) and ground (yellow-green) wires, so as to ensure that the connection is firm, and make good insulation and waterproof measures at the connection.

5 The input end of the cable can be connected to the power supply of the corresponding voltage to illuminate.

Using The Matters Needing Attention

1.- This product is an explosion-proof product and can be used in explosion-proof places.

2.- When transporting, the lamp should be installed in the carton equipped with foam shock absorption.

3.- When using, the surface of the lamp has a certain temperature rise, which is a normal phenomenon.

4.- The power supply voltage can work normally in the rated voltage. If the power supply voltage is too high, the lamp will be damaged; if the voltage is too low, the lamp will not start normally.

5.- The luminaire must be reliably grounded.

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.