

# PRODUCT SPECIFICATION



Model	OHBF8260
Product name	LED Explosion Proof Floodlight

### 1. Picture of real products



## **2. Features**

### **2.1 Application**

This product has good explosion-proof function, suitable for IIA, IIB, IIC explosive gas environment and 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, venues and other places.

### **2.2 Product Features**

2.2.1 Configuration: It adopts imported LED light source, with an average service life of up to 100,000 hours. The power supply adopts wide voltage processing, which can realize constant current output, and has short-circuit and over-voltage protection functions, which greatly prolongs the service life of the lamps.

2.2.2 Heat dissipation: Explosion-proof electrical box and lamp holder double cavity design, large space size to ensure the assembly of various large-scale electrical appliances. Excellent heat dissipation performance, so that the LED chip and power supply temperature rise is reasonably controlled within a reasonable range, greatly ensuring the service life of the lamp .

2.2.3 Transparent parts: Light projection is even and soft, especially suitable for all kinds of need to cast light, floodlights as a fixed lighting.

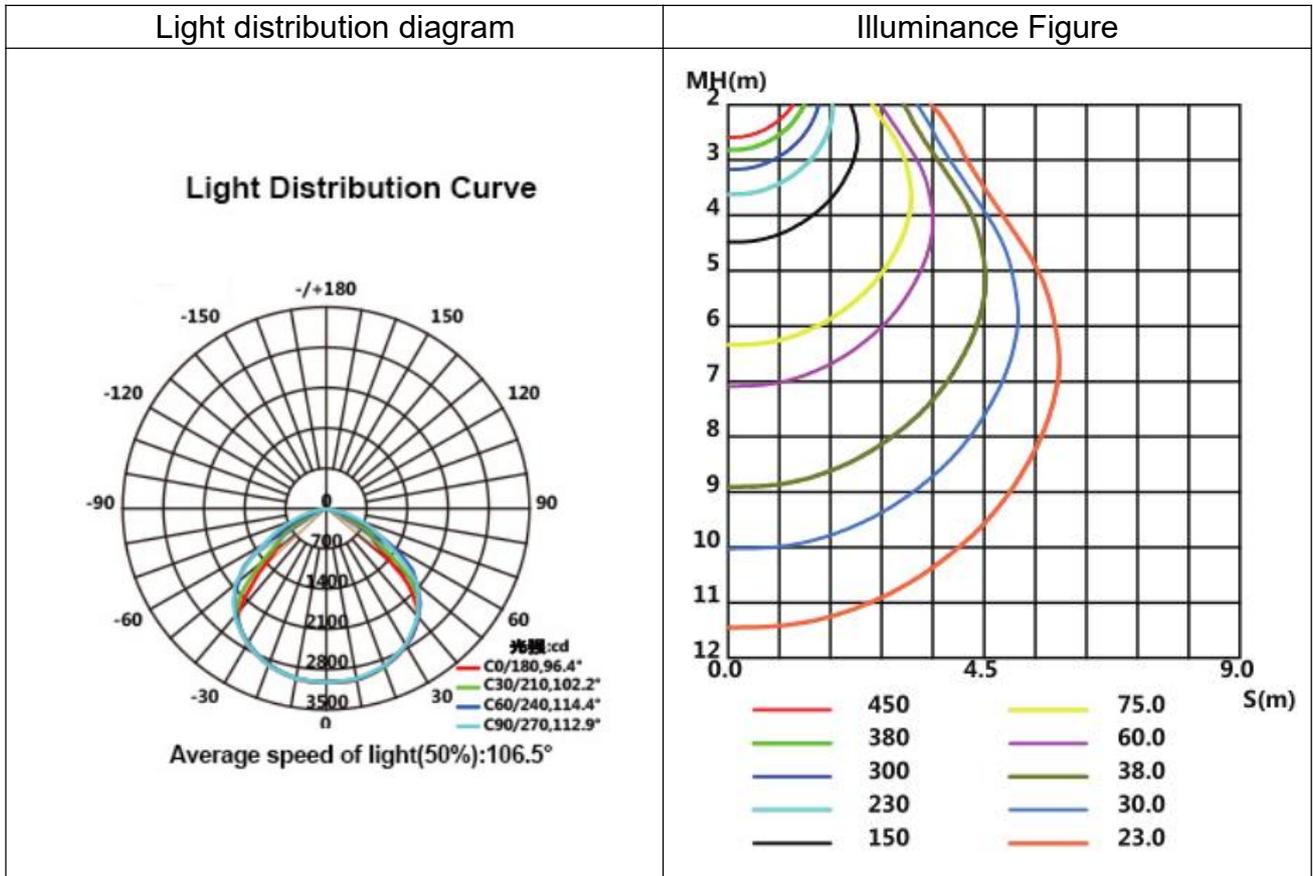
2.2.4 Protection: The protection level of the lamp body is IP66, and the anti-corrosion level can reach WF2. The surface of the lamp body will never corrode and never rust.

2.2.5 Installation method: Various installation methods such as ceiling, suction wall and U-shaped anti-vibration bracket (angle adjustable) can be used as needed.

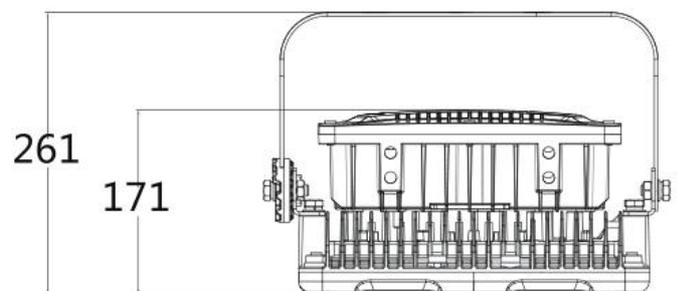
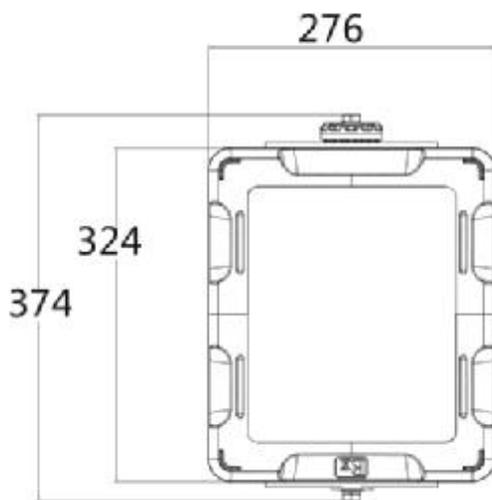
### 3. Product parameters

Item	Symbol	Description	Unit
Picture of real products			
Rated Voltage	VOLT	220	V
Power	P	100-200	W
Protection Level	IP	IP66	IP
Lighting Angle	$\theta$	110	°
LED Qty	/	180	PCS
Base specifications	/	CERR3030	
Anticorrosion grade	/	WF2	
Explosion proof grade	/	Ex db IIC T6	
Light efficiency	$\eta$	120	Lm/W
Frequency	f	50/60	Hz
Power Factor	PF	>0.95	PF
Operating Temperature	TOPR	-30~50	°C
Storage Temperature	TOPR	-30~50	°C
Light Source	/	led	PCS
Correlate Color Temperature	Tc	3000-6500	K
Color Rendering Index	CRI	≥70	RA
LED'S Operating Life	LIFE	100000	Hours
Start-up time	T	≤0.2	S
Executive standard	/	GB3836.1、 GB3836.2	
Weight	/	6.7	KG
Size	/	374×276×171	mm

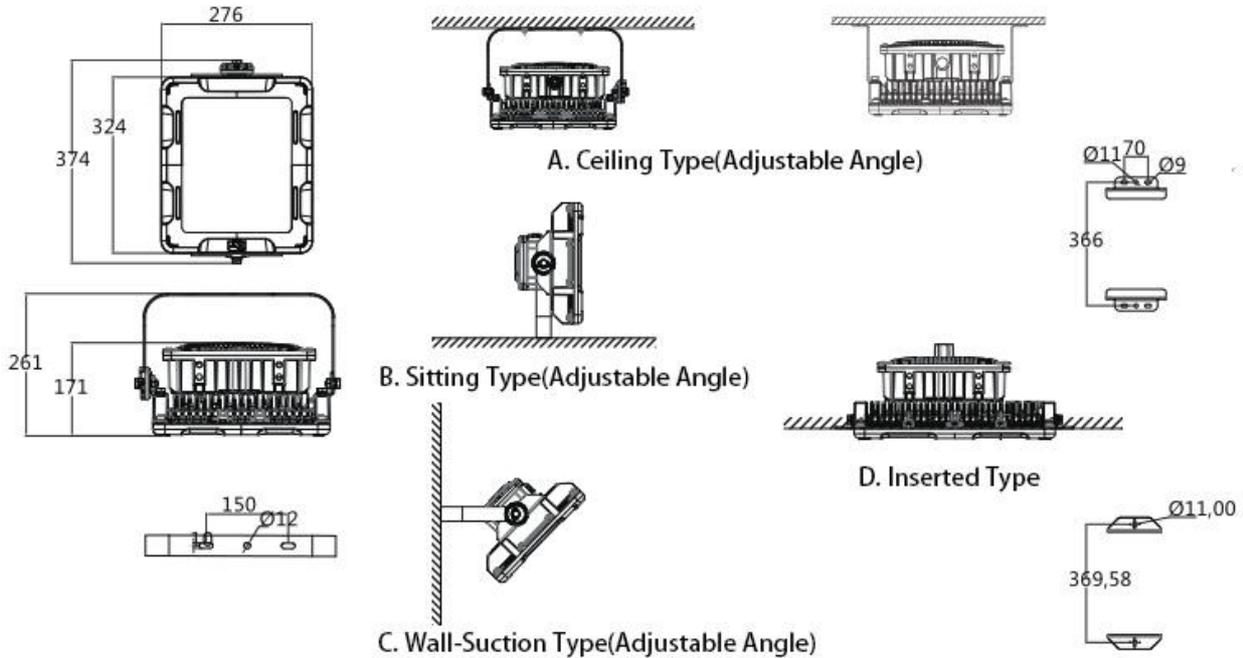
### 4.Test Report



### 5.Dimensions



## 6. Install



## 7. Packaging logistics

Name	Description	Quantity	Name	Parameter
Outer box	415*355*265mm	1	N.W.	8.9kgs
Foam	380*109*63mm		G.W.	11.8kgs
Packaging method		1 in 1		



## **8.Caution**

### **8.1 Schematic diagram**

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

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

8.1.3 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.

8.1.4 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.

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

### **8.2 Using The Matters Needing Attention**

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

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

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

8.2.4 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.

8.2.5 The luminaire must be reliably grounded.

### **8.3. 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.