

| | | | |
|--------|--------|---------|-----|
| 文件编号 | | | |
| 版本:1.0 | 修改次: 0 | 本章共 6 页 | 1/7 |

PRODUCT SPECIFICATION



| | | | |
|---------------------------------|--------------------------------------|--------------|----------------------|
| Model | OHBF8197D | Formulate | Technical department |
| Product name | LED Explosion-proof fluorescent lamp | Proofreading | Ji Yang |
| Jiangsu Ouhui Lighting Co.,Ltd. | | Review | Fengze Lv |
| | | Approve | Dongyang Wu |
| | | Date | 2019.7.24 |

| | | | |
|--------|--------|---------|-----|
| 文件编号 | | | |
| 版本:1.0 | 修改次: 0 | 本章共 6 页 | 2/7 |

1. Picture of real products



| | | | |
|--------|--------|---------|-----|
| 文件编号 | | | |
| 版本:1.0 | 修改次: 0 | 本章共 6 页 | 3/7 |

2. Features

2.1 Application scenario

This product is suitable for dangerous places in zones 1 and 2, explosive gas environments of Class II A, II B and II C, mixing temperature of explosive gases: T1~T5, widely used in dangerous environments such as petroleum, chemical industry, military industry, medicine, mine, working and scene lighting of dangerous places such as offshore oil platforms, oil tankers etc.

2.2 Product Features

2.2.1 Products can work safely in various flammable and explosive places.

2.2.2 Cast aluminium alloy shell, surface spraying anti-static, corrosion-resistant, waterproof, dust-proof, can be used in high temperature, humidity and various corrosive harsh environments for a long time;


2.2.3 Transparent toughened glass protective cover, good light transmittance, impact resistance, high light flux, energy saving, environmental protection and other advantages.

2.2.4 Beautiful appearance, simple and reliable structure, easy installation; structural steel pipe or cable wiring can be;

2.2.5 Independent wiring cavity design makes wiring more convenient and fast.

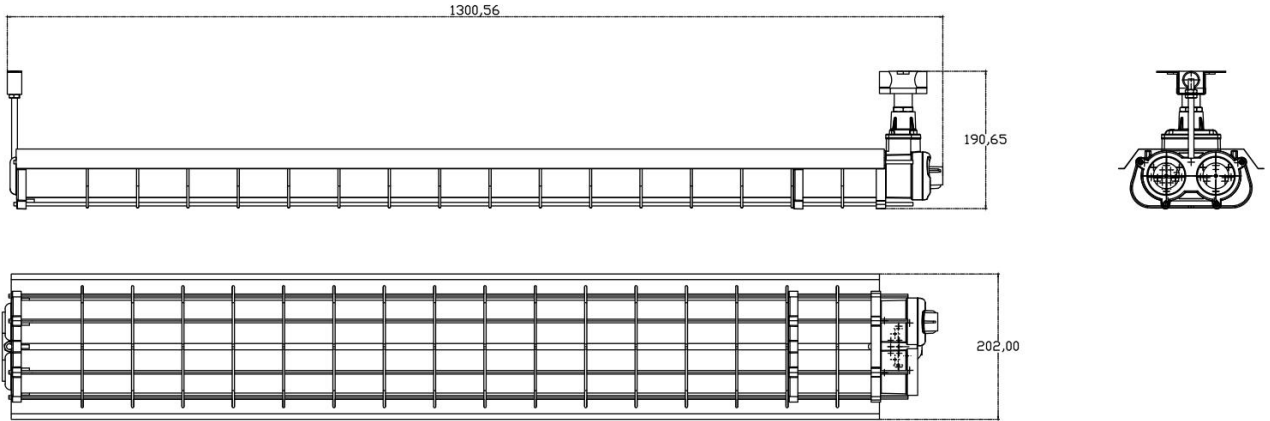
| | | | |
|--------|--------|---------|-----|
| 文件编号 | | | |
| 版本:1.0 | 修改次: 0 | 本章共 6 页 | 4/7 |

3. Product parameters

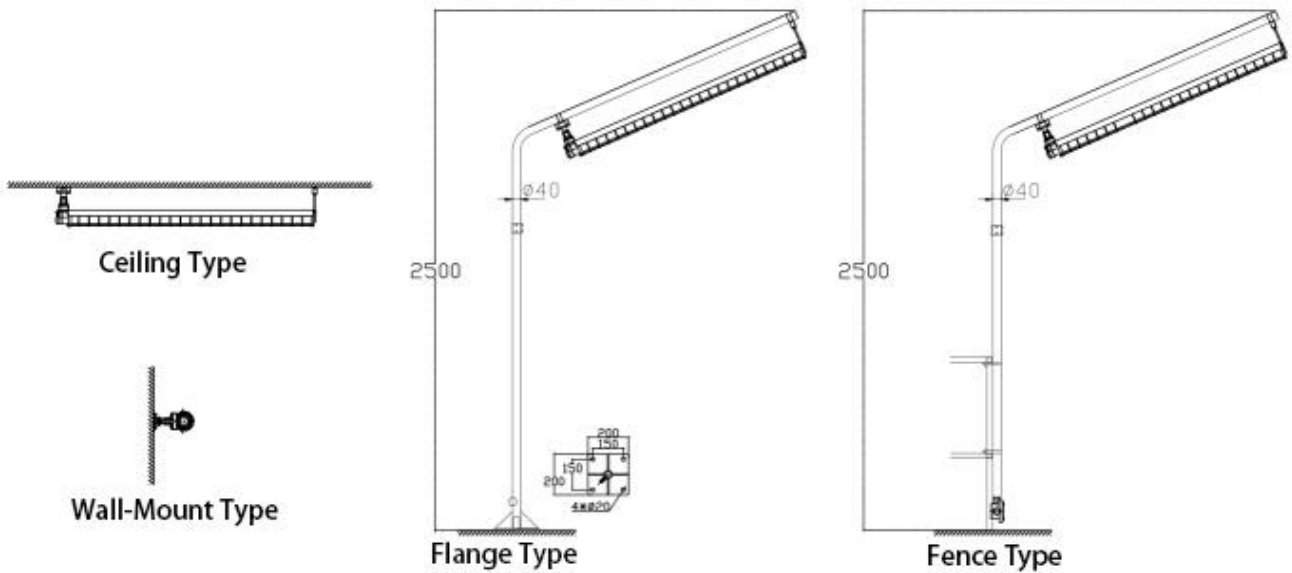
| Item | Symbol | Description | Unit |
|-----------------------------|----------|--|-------|
| Picture of real products | |  | |
| Rated Voltage | VOLT | 220 | V |
| Power | P | 2*14.7 | W |
| Protection Level | IP | IP65 | IP |
| Lighting Angle | θ | 360 | ° |
| Light source specifications | / | T8 led Tube | |
| Anticorrosion grade | / | WF2 | |
| Explosion proof grade | / | Ex d II B T6 Gb/Ex tD A21 IP66 T80°C | |
| Light efficiency | η | 170 | Lm/W |
| Frequency | f | 50/60 | Hz |
| Power Factor | PF | >0.95 | PF |
| Operating Temperature | TOPR | -30~40 | °C |
| Light Source | / | led | PCS |
| Correlate Color Temperature | Tc | 3000-6500 | K |
| Color Rendering Index | CRI | ≥70 | RA |
| LED'S Operating Life | LIFE | 50000 | Hours |
| Start-up time | T | ≤0.2 | S |
| Executive standard | / | GB3836.1、GB3836.2 | |
| Size | / | 1280*202*146 | mm |
| weight | / | 5.4 | KG |

| | | | |
|---------|--------|---------|-----|
| 文件编号 | | | |
| 版本: 1.0 | 修改次: 0 | 本章共 6 页 | 5/7 |

4. Dimensions



5. Install



| | | | |
|--------|--------|---------|-----|
| 文件编号 | | | |
| 版本:1.0 | 修改次: 0 | 本章共 6 页 | 6/7 |

6. Packaging logistics

| Name | Description | Quantity | Name | Parameter |
|------------------|-----------------|--------------|------|-----------|
| Outer box | 137*23.5*20.7cm | 1 | N.W. | 10.8kg |
| Foam | 222*147*70mm | 4 | G.W. | 11.5kg |
| Packaging method | | 1 Packaged 2 | | |



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:2.1 | Audit No.: 0 | In Total 1 Pages | 7/7 |

7. Caution

7.1 Schematic diagram

7.1.1 When installing and maintaining lamps and lanterns, the power supply must be disconnected first.

7.1.2 Non-professionals are not allowed to disassemble lamps and lanterns at will.

7.1.3 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:

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

7.2 Attention

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

7.2.2 Transport lights should be installed in the cartons equipped with foam shock absorption.

7.2.3 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.

7.3 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.

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 1/8 |

PRODUCT SPECIFICATION



| | | | |
|--|--------------------------------|--------------|-------------|
| Model | OHBF8260 | Formulate | Ji Yang |
| Product name | LED Explosion Proof Floodlight | Proofreading | Fengze Lv |
| Jiangsu Ouhui Lighting Co.,Ltd. | | Review | Dongyang Wu |
| | | Approve | Dongyang Wu |
| | | Date | 2019.5.30 |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 2/8 |

CONTENTS

| | |
|--|----------|
| 1.Picture of real products..... | 3 |
| 2.Features..... | 4 |
| 3.Product parameters | 5 |
| 4.Test Report | 6 |
| 5.Dimensions | 6 |
| 6.Install | 7 |
| 7.Packaging logistics | 7 |
| 8.Caution | 8 |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 3/8 |

1. Picture of real products



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 4/8 |

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.

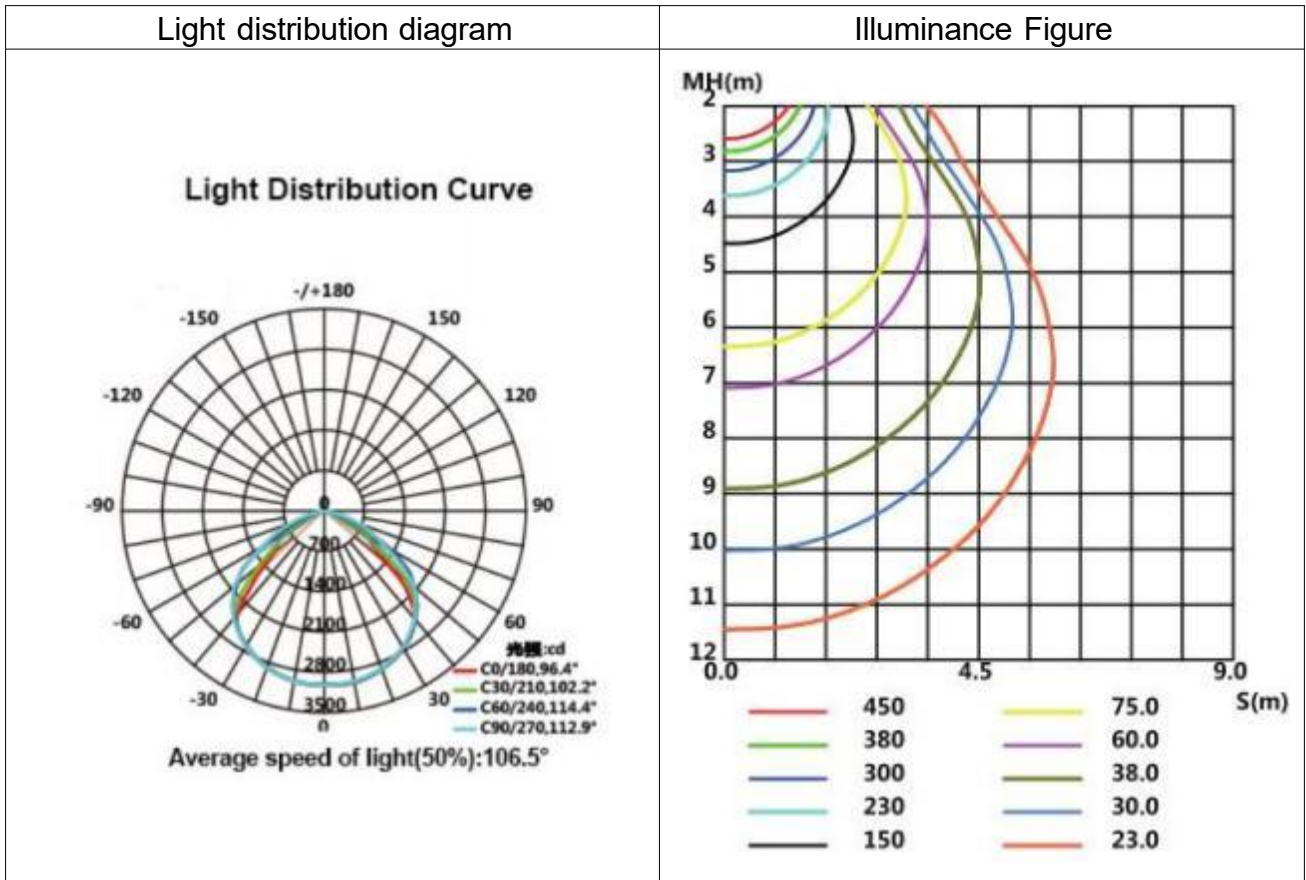
| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 5/8 |

3. Product parameters

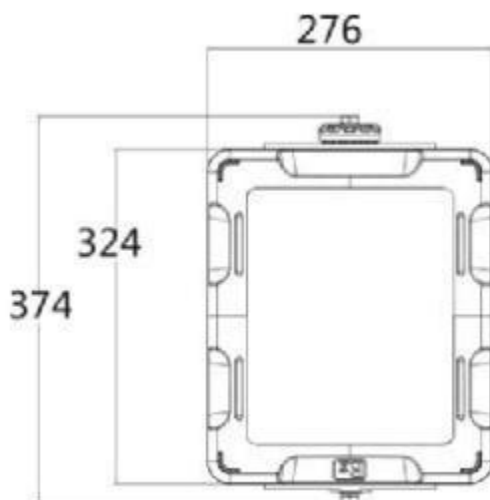
| Item | Symbol | Description | Unit |
|-----------------------------|----------|--|-------|
| Picture of real products | |  | |
| Rated Voltage | VOLT | 220 | V |
| Power | P | 100-200 | W |
| Protection Level | IP | IP66 | IP |
| Lighting Angle | θ | 110 | ° |
| LED Qty | / | 180 | PCS |
| Base specifications | / | CERR3030 | |
| Anticorrosion grade | / | WF2 | |
| Explosion proof grade | / | Ex db IIC T6 | |
| Light efficiency | η | 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 |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 6/8 |

4.Test Report

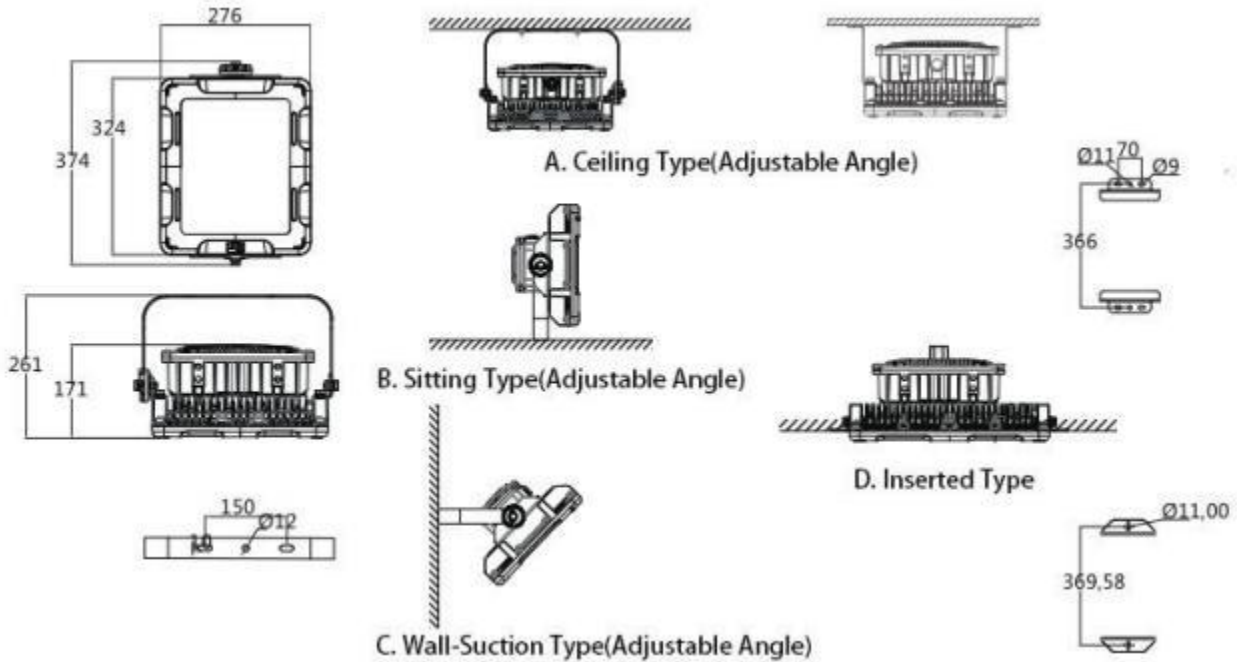


5.Dimensions



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 7/8 |

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 | | |



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 8 Pages | 8/8 |

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.

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 1/7 |

PRODUCT SPECIFICATION



| | | | |
|---------------------------------|---------------------------|--------------|----------------------|
| Model | OHBF8235 | Formulate | Technical department |
| Product name | LED Explosion Proof Light | Proofreading | |
| Jiangsu Ouhui Lighting Co.,Ltd. | | Review | |
| | | Approve | |
| | | date | 2019.10.9 |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 2/7 |

1. Picture of real products



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 3/7 |

2. Features

2.1. Application scenario

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

1. 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.Independent up and down ventilation convection structure design, improve the heat dissipation performance at the same time to avoid the conventional LED radiator will accumulate dust phenomenon. The heat sink is arranged in an array of inner and outer circumferences to improve heat dissipation performance.

3.the use of high purity tempered glass, light transmittance of up to 95% -98%. The light projection is even and soft, especially suitable for various low-top, platform, high-top, high-shed and other places as fixed lighting.

4.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.

5.Various installation methods such as ceiling, curved rod, vertical pole, ceiling, U-shaped anti-vibration bracket (angle adjustable) can be used as needed.

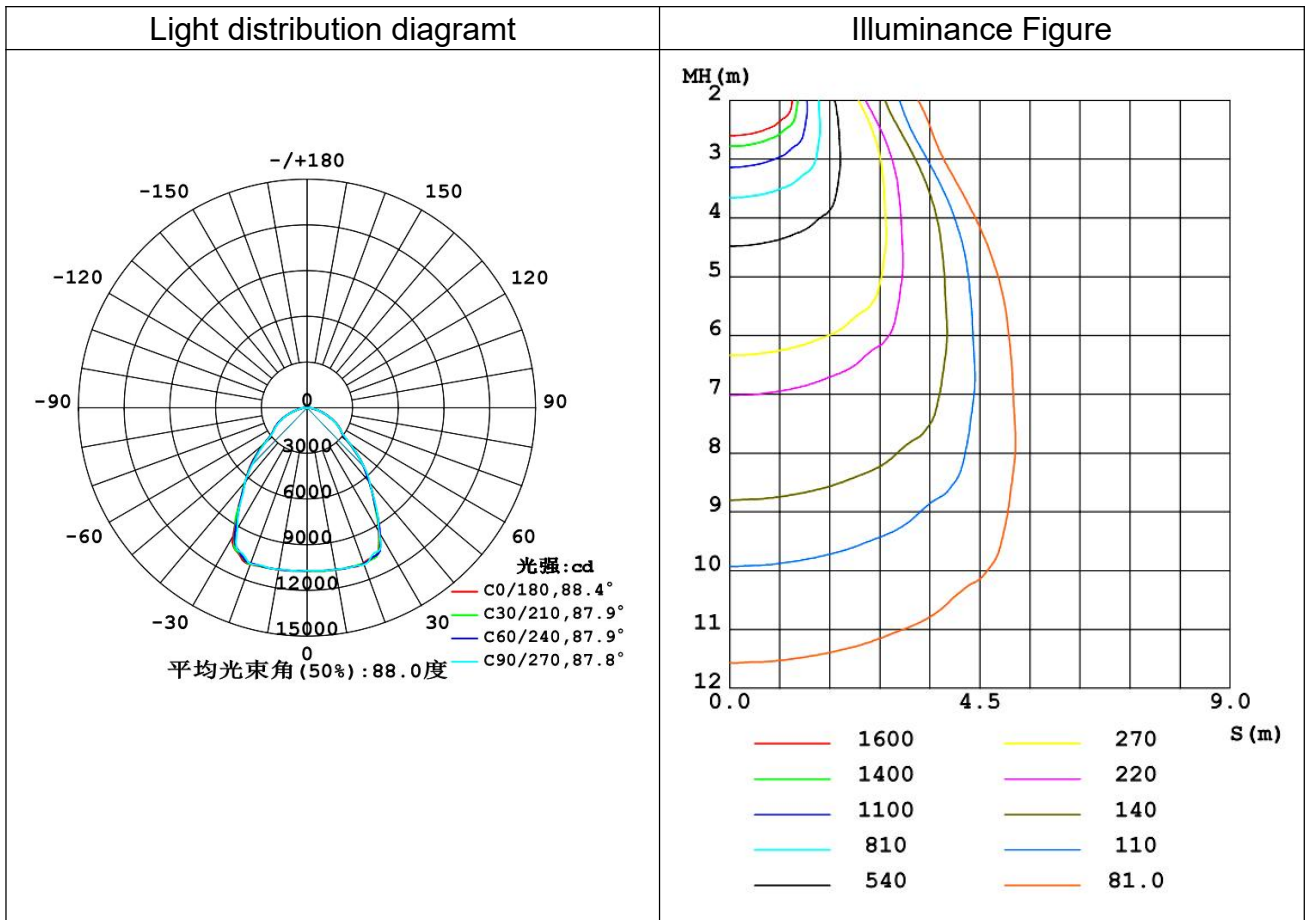
| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 4/7 |

3. Product parameters

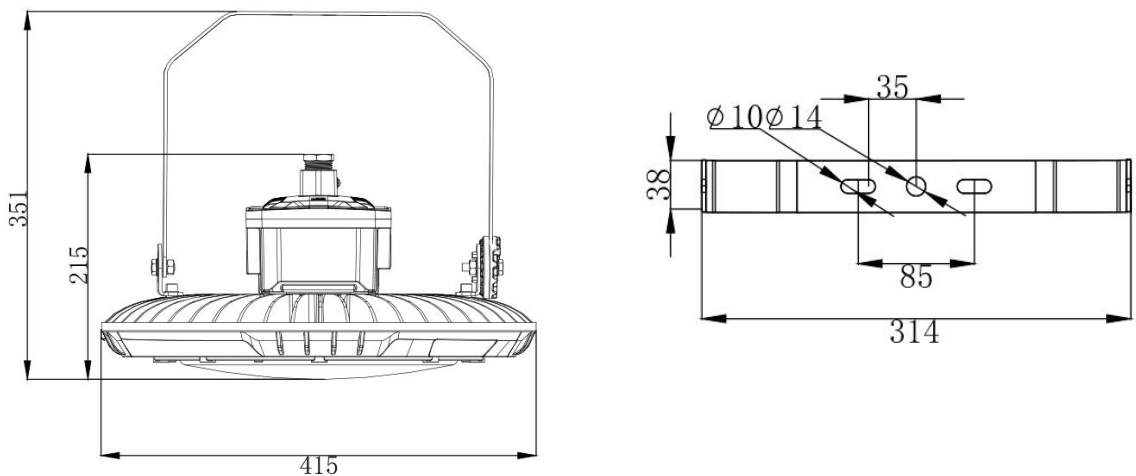
| ITEM | symbol | Description | UNIT |
|-----------------------------|----------|--|-------|
| Picture of real products | |  | |
| Rated Voltage | VOLT | 220 | V |
| Power | P | 150-280 | W |
| Protection Level | IP | IP66 | IP |
| Lighting Angle | θ | 90 | ° |
| LED Qty | / | 280 | PCS |
| Base specifications | / | CREE3030 | |
| Anticorrosion grade | / | WF2 | |
| Explosion proof grade | / | II 2G Ex d IIC T6 Gb | |
| Light efficiency | η | 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 | >80 | RA |
| LED'S Operating Life | LIFE | 100000 | Hours |
| Start-up time | T | ≤0.2 | S |
| Executive standard | / | GB3836.1、 GB3836.2 | |
| Weight | / | 10.6 | KG |
| Size | / | Φ415*215 | MM |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 5/7 |

4、Test Report

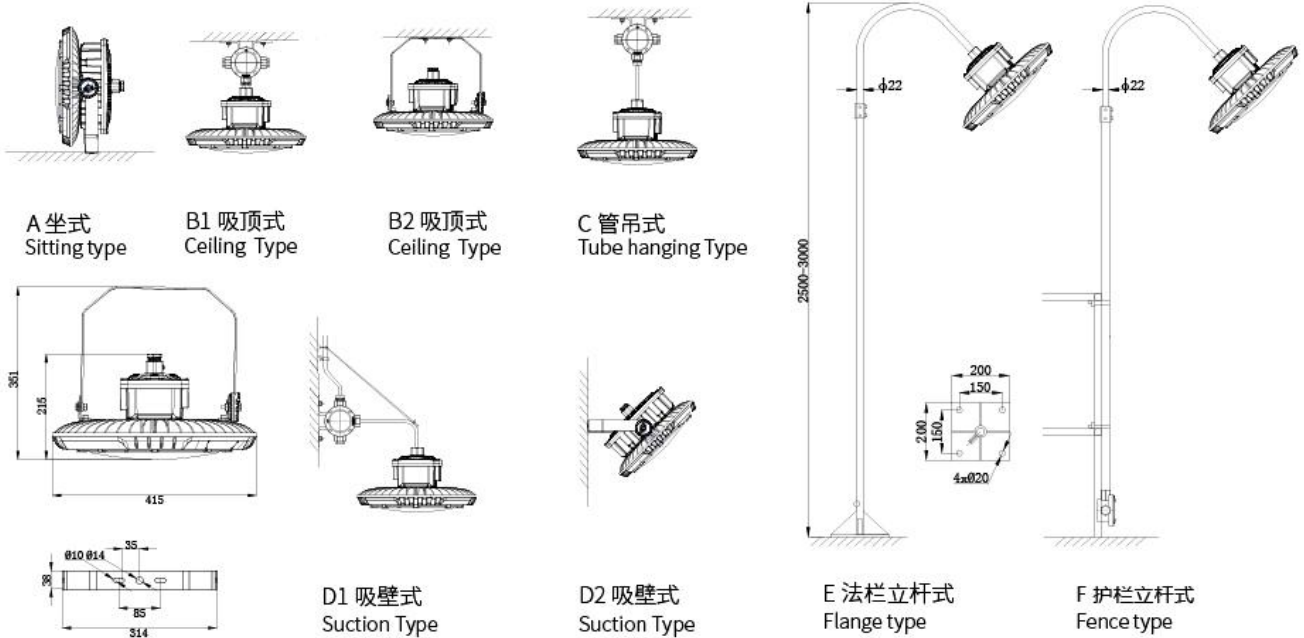


5、Dimensions



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 6/7 |

六、Install



7、Packaging logistics

| Name | Description | Quantity | Name | Parameter |
|------------------|---------------------|----------|------|-----------|
| Outer box | 43.2*43.2*26.4cm | 1 | N.W. | 9.5kg |
| Foam | 35.6*35.6*3cm | 1 | G.W. | 10.5kg |
| Line foam | 9.5*9.5*5.4cm | 1 | | |
| Packaging method | 1 piece in 1 carton | | | |



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 7/7 |

8. Caution

8.1. 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.

8.2. 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.

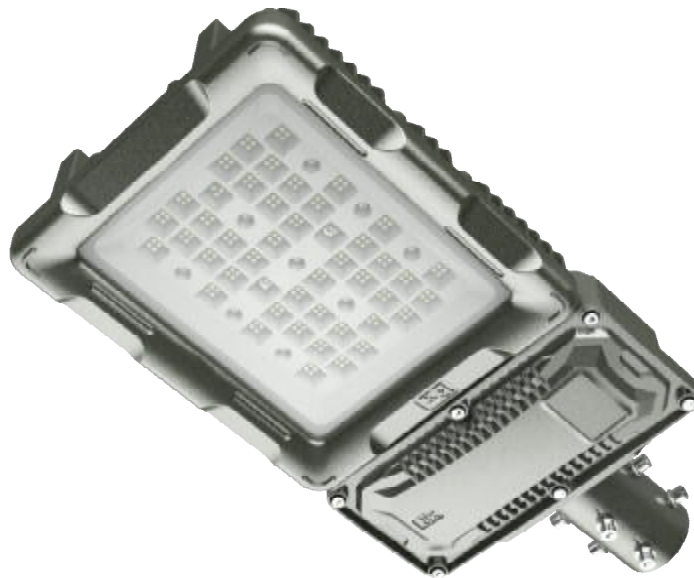
5. The luminaire must be reliably grounded.

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.

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 1/8 |

PRODUCT SPECIFICATION



| | | | |
|---------------------------------|----------------------------------|--------------|----------------------|
| Model | OHBF8260 street light | Formulate | Technical department |
| Product name | LED Explosion proof street light | Proofreading | Ji Yang |
| Jiangsu Ouhui Lighting Co.,Ltd. | | Review | Fengze Lv |
| | | Approve | Dongyang Wu |
| | | Date | 2019.5.30 |

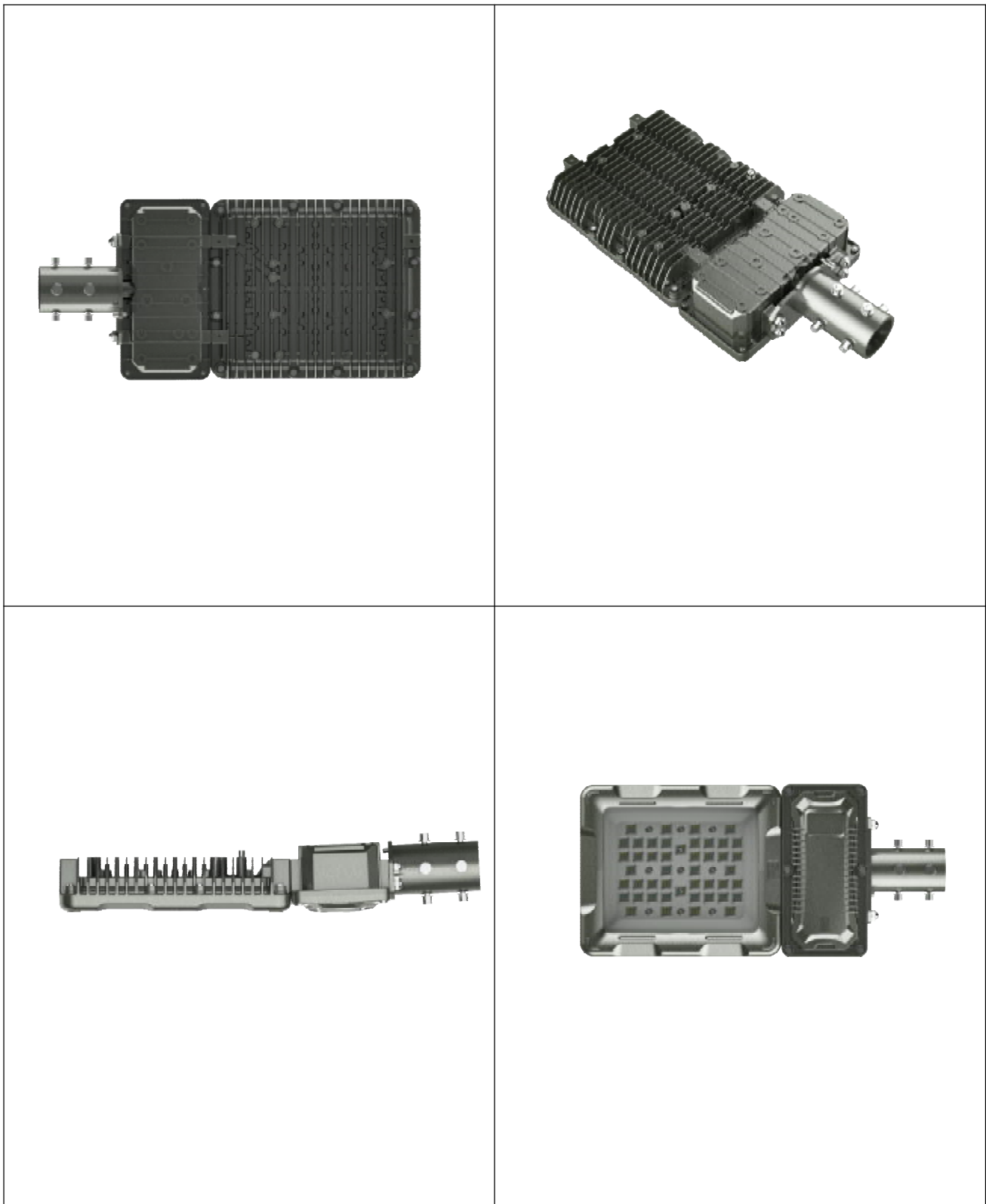
| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 2/8 |

CONTENTS

| | |
|--|----------|
| 1.Picture of real products..... | 3 |
| 2.Features..... | 4 |
| 3.Product parameters | 5 |
| 4.Test Report | 6 |
| 5.Dimensions | 6 |
| 6.Install | 7 |
| 7.Packaging logistics | 7 |
| 8.Caution | 8 |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 3/8 |

1. Picture of real products



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 4/8 |

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: It adopts integrated streamlined structure to better increase heat conduction. The explosion-proof electrical box and lamp cap are double-chamber design. The large space size ensures the assembly of various large-scale electrical appliances. The heat dissipation performance is excellent, so that the LED chip and power supply The temperature rise is reasonably controlled within a reasonable range, which greatly guarantees the service life of the lamp.

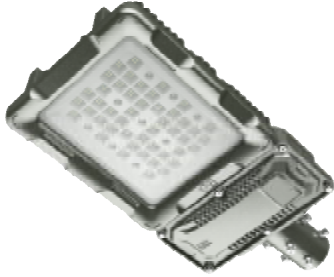
2.2.3 Light distribution: light projection is even and soft, especially suitable for all kinds of need to cast light, floodlights as a fixed lighting.

2.2.4 Protection: The protection level of the lamp body is IP66, the anti-corrosion grade can reach WF2, and it has excellent explosion-proof, dustproof, waterproof and anti-corrosion ability. The surface of the lamp body will never corrode and never rust.

2.2.5 Installation method: Various installation methods such as flange street lamps and guardrail street lamps can be used as needed.

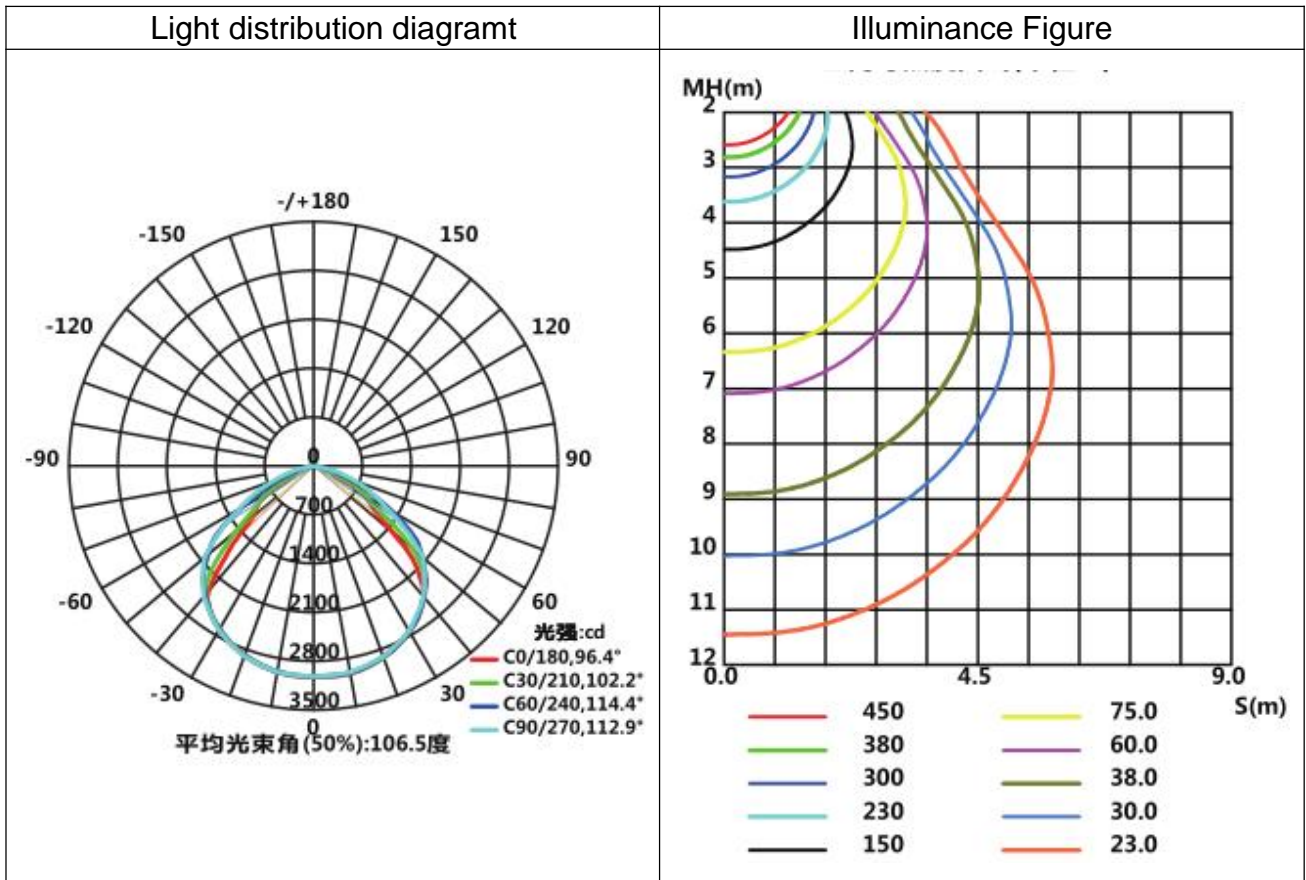
| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 5/8 |

3. Product parameters

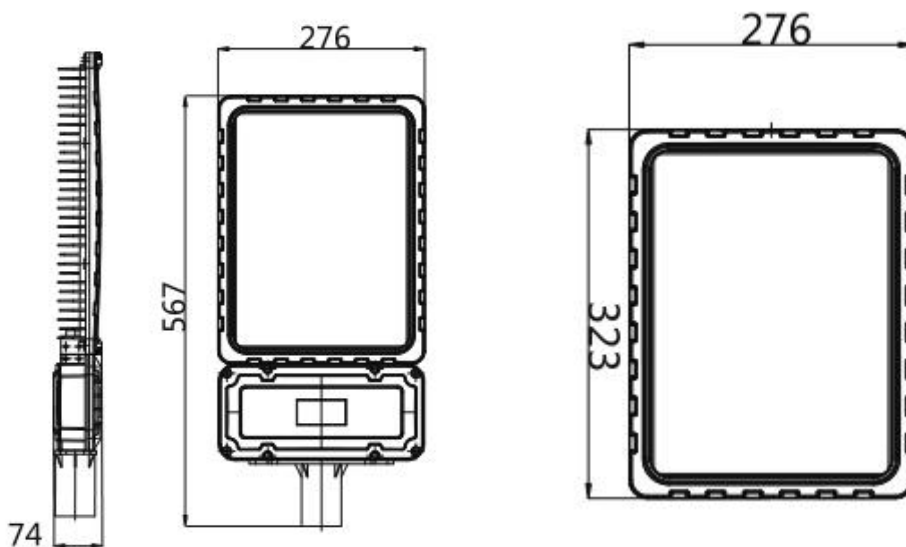
| Item | Symbol | Description | Unit |
|-----------------------------|----------|--|-------|
| Picture of real products | |  | |
| Rated Voltage | VOLT | 220 | V |
| Power | P | 50-200 | W |
| Protection Level | IP | IP66 | IP |
| Lighting Angle | θ | 100 | ° |
| LED Qty | / | 180 | PCS |
| Base specifications | / | CREE3030 | |
| Anti-corrosion grade | / | WF2 | |
| Explosion proof grade | / | Ex d e mb IIC T6 | |
| Light efficiency | η | 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 | / | 7.5 | KG |
| Size | / | 276×590×95 | mm |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 6/8 |

4. Test Report

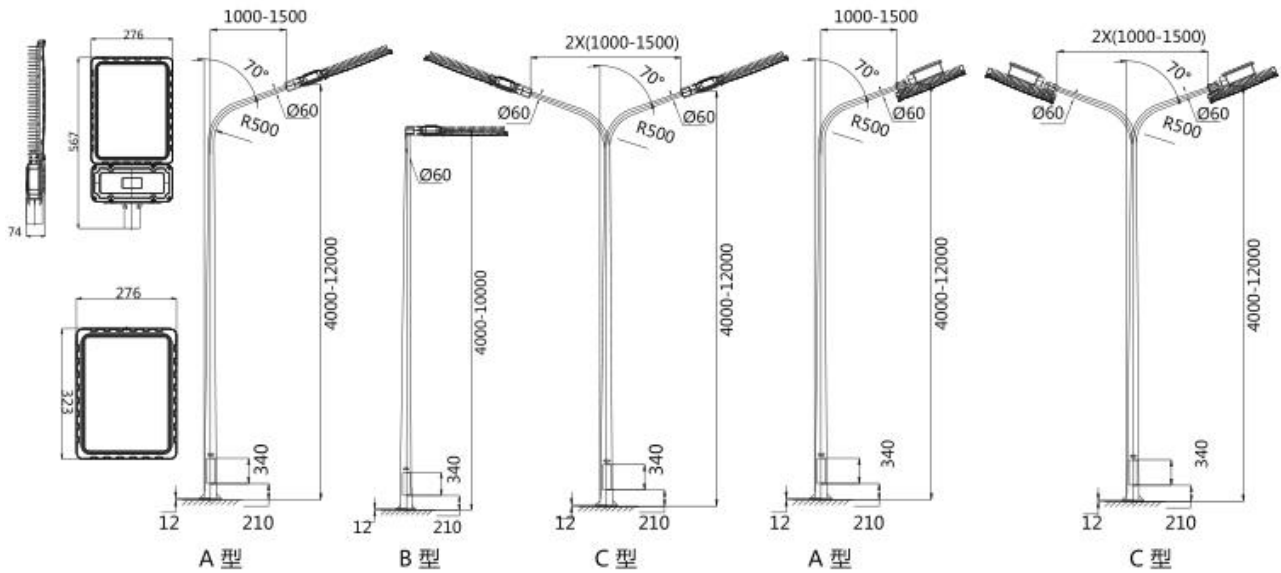


5. Dimensions



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 7/8 |

6. Install



7. Packaging logistics

| Name | Description | Quantity | Name | Parameter |
|------------------|--------------------|----------------------|------|-----------|
| Outer box | 59.2*29.7*15.7cm | 1 | N.W. | 7.5kg |
| Foam | Cutting foam board | 1 | G.W. | 10.5kg |
| Packaging method | | 1 pieces in 1 carton | | |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In total 8 Pages | 8/8 |

8.2 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 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.

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 1/7 |

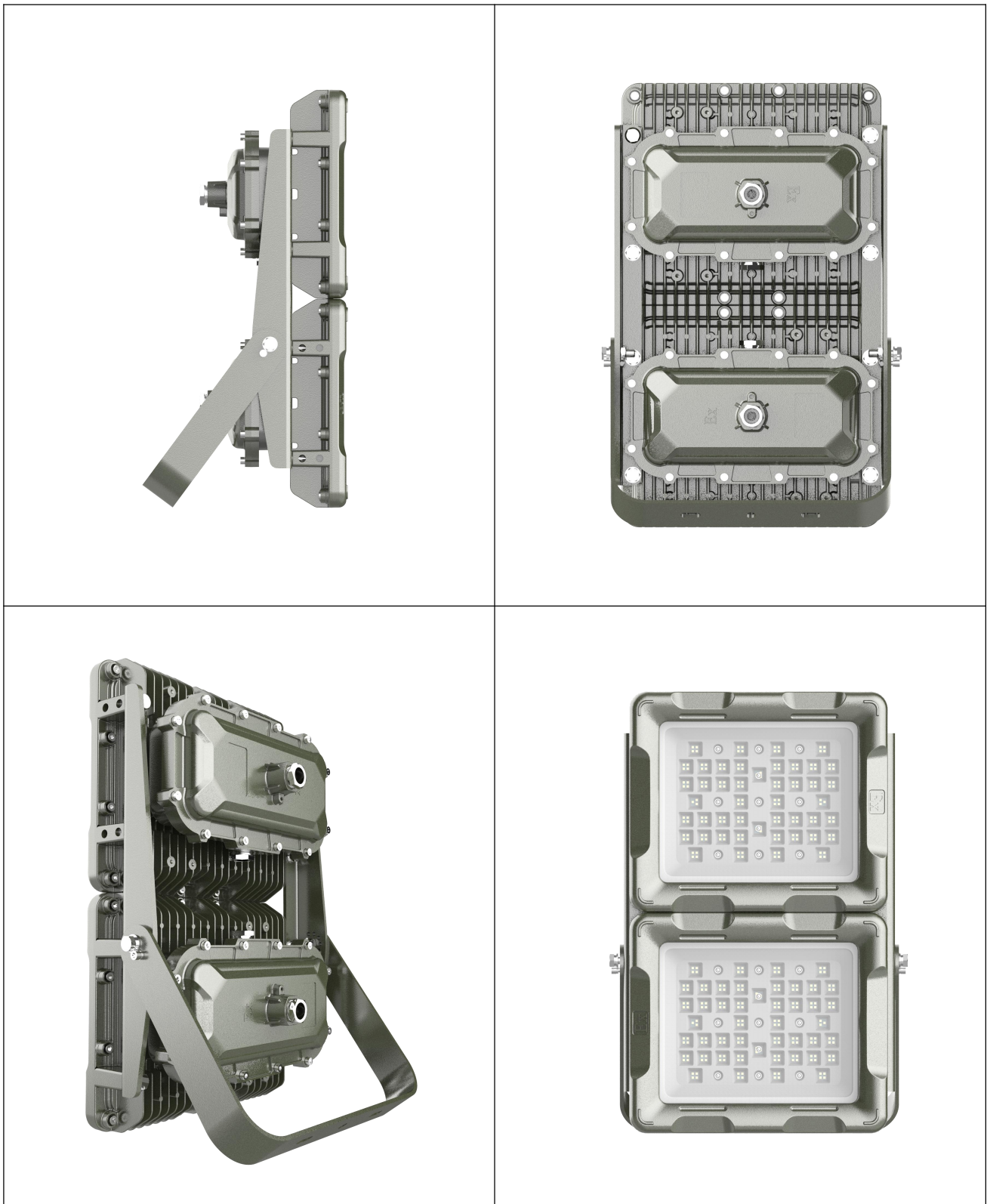
PRODUCT SPECIFICATION



| | | | |
|---------------------------------|---------------------------------|--------------|-----------|
| Model | OHBF8266 | Formulate | Tech |
| Product name | LED Explosion Proof Flood Light | Proofreading | |
| Jiangsu Ouhui Lighting Co.,Ltd. | | Review | |
| | | Approve | |
| | | date | 2019.5.30 |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 2/7 |

1. Picture of real products



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 3/7 |

2. Features

2.1 Application scenario

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

(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) 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 .


(3) light distribution: light projection is even and soft, especially suitable for all kinds of need to cast light, floodlights as a fixed lighting.

(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.

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

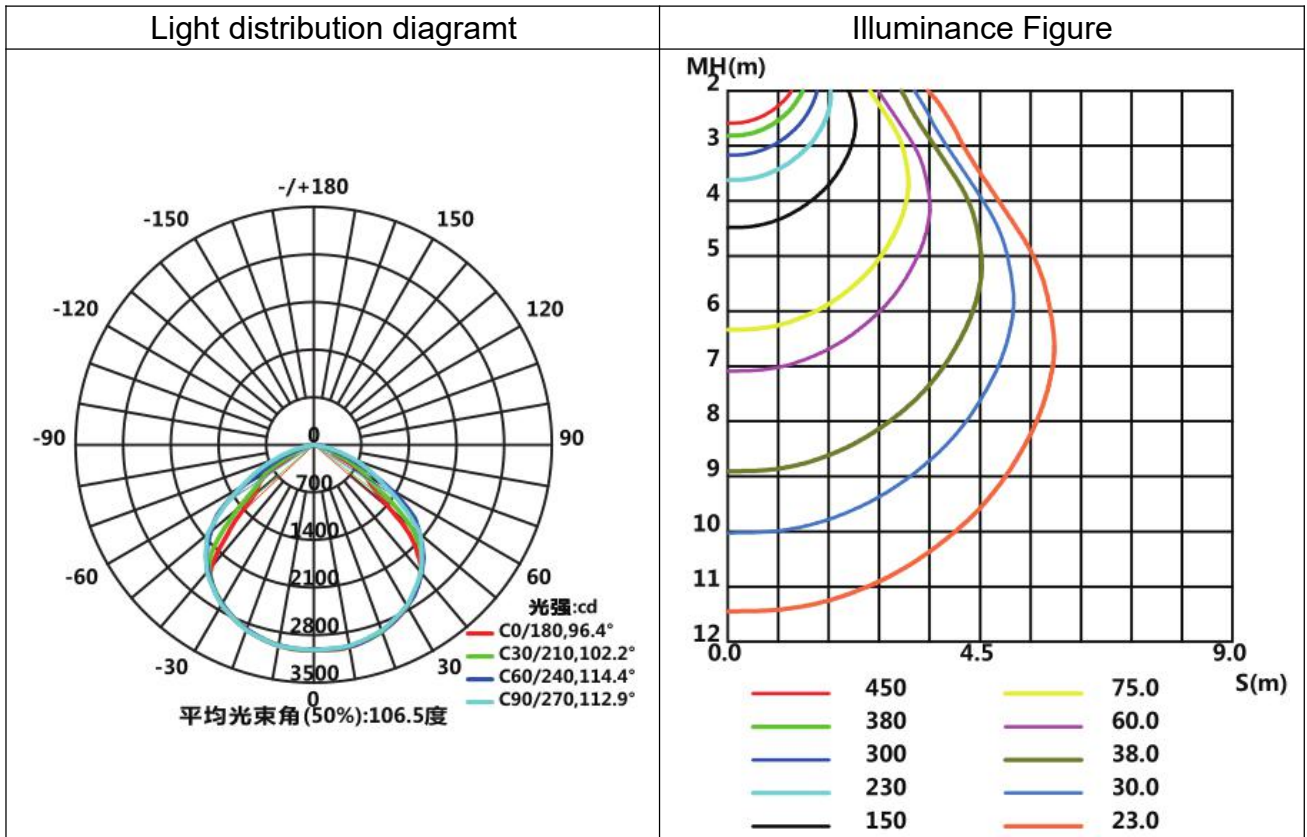
| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 4/7 |

3. Product parameters

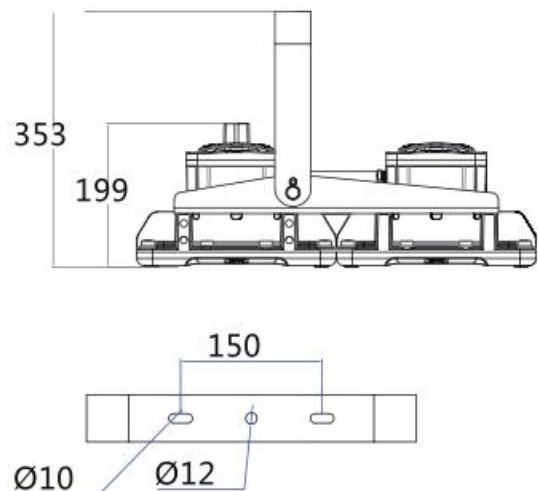
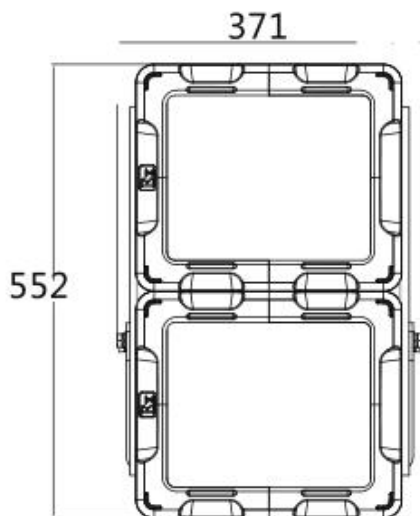
| ITEM | symbol | Description | UNIT |
|-----------------------------|----------|---|-------|
| Picture of real products | |  | |
| Rated Voltage | VOLT | 220 | V |
| Power | P | 300-400 | W |
| Protection Level | IP | IP66 | IP |
| Lighting Angle | θ | 45/60/90 | ° |
| LED Qty | / | 360 | PCS |
| Base specifications | / | CREE3030 | |
| Anticorrosion grade | / | WF2 | |
| Explosion proof grade | / | Ex d e mb IIC T5 | |
| Light efficiency | η | 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 | / | 21 | KG |
| Size | / | 552×323×190 | mm |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 5/7 |

4. Test Report

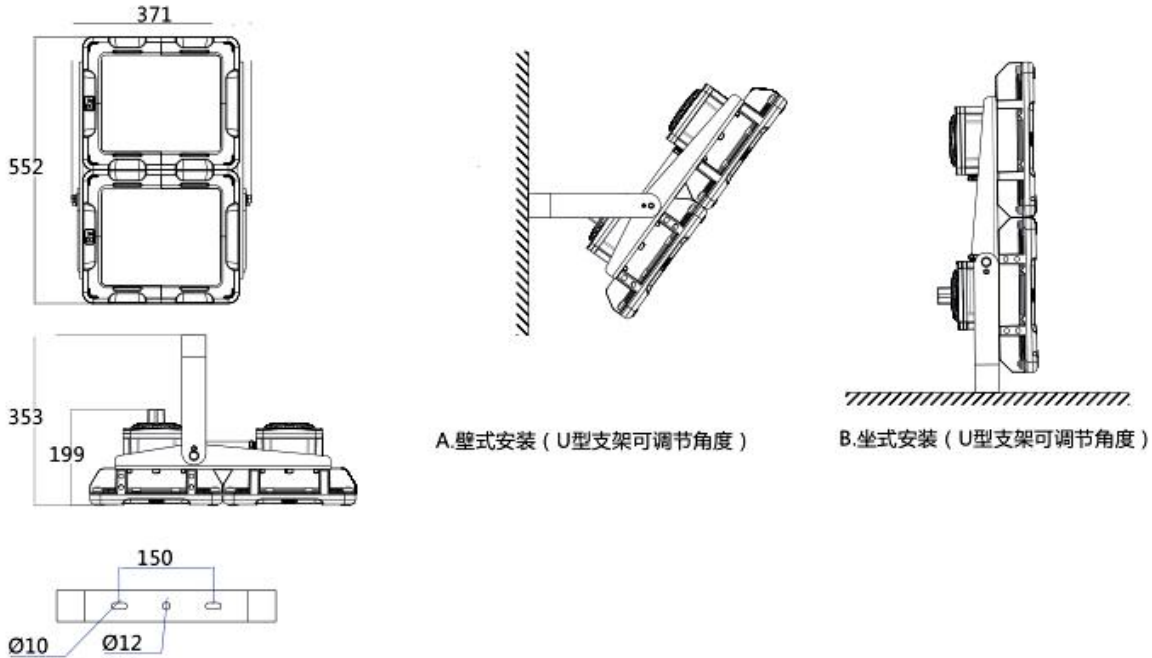


5. Dimensions



| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 6/7 |

6. Install



7. Packaging logistics

| Name | Description | Quantity | Name | Parameter |
|------------------|---------------------------------|----------|------|-----------|
| Outer box | 57*37.5*25.5cm | 1 | N.W. | 21kg |
| Paper tray | Set of compressive cardboard | 1 | G.W. | 23kg |
| cardboard/ | 7-layer corrugated paper | 1 | | |
| Packaging method | 1in1 With compression cardboard | | | |

| | | | |
|-------------|--------------|------------------|-----|
| Doc. No. | | | |
| Version:1.0 | Audit No.: 0 | In Total 7 Pages | 7/7 |

8. Caution

8.1 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.

8.2 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.

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.