

T High Bay Lamp

(Please read the instruction manual before installation and use the product)

Guangdong ELX Lighting Technology Co,LTD

Address: NO.5 Liangyuan Road,Duruan Down,Pengjiang District,Jiangmen

City,GuangDong,China

Postcode: 529000

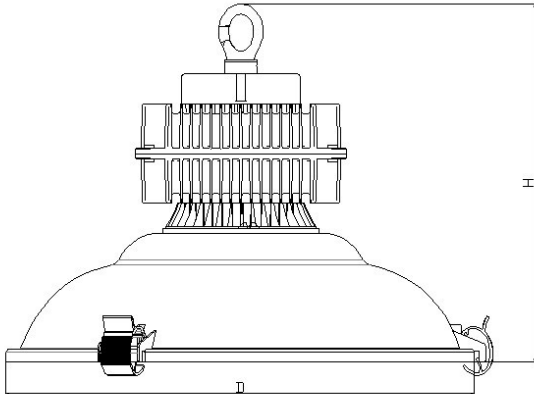
Telephone: 0750-3488206

Fax: 0750-3488216

E-mail: elx@gdelx.com

<http://www.gdelx.com>

1. Structure chart



2. Electrical schematic diagram



Electrical connection symbol

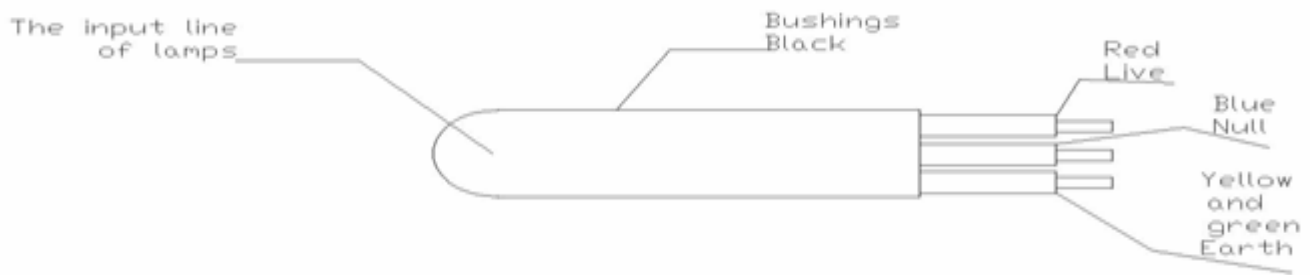
⚡—lamp high voltage side

L—AC input wire

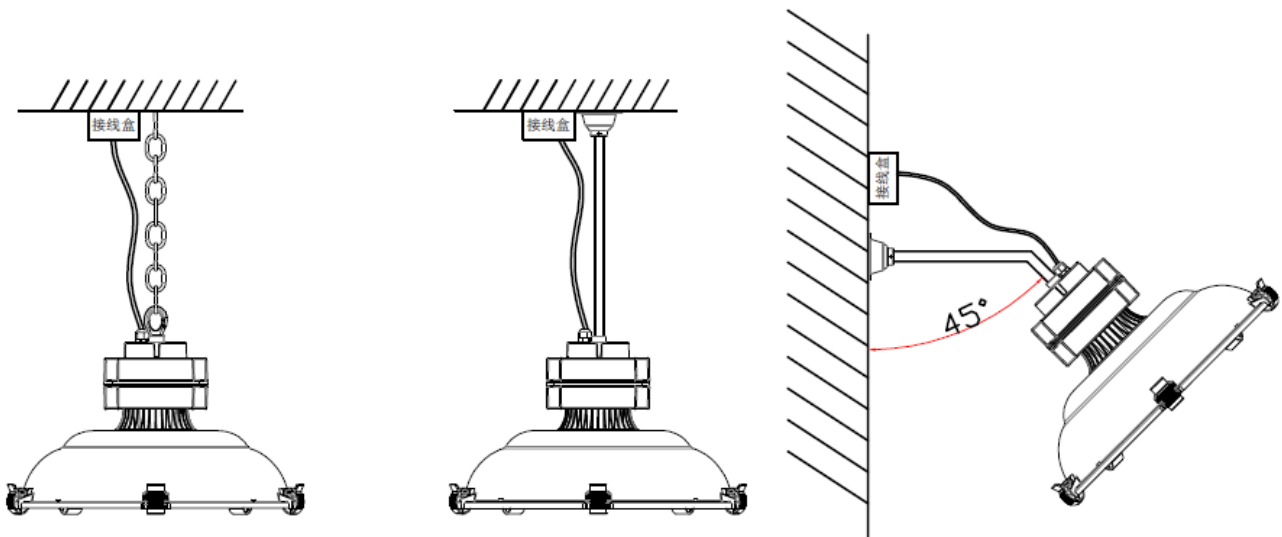
⏚—safety ground

N—AC input zero

3. The electrical connection diagram



4. Installation Instructions:



5. Main performance and technical parameters

working frequency: 250KHz

nominal voltage: 110-277VAC

power factor: ≥ 0.95

color temperature: 5000K \pm 300K

operating humidity: $\leq 90\%$

6. Install and use the matters needing attention

1. 1 Install the basic requirements

Based on the requirement of safety, at the same time to prevent the electromagnetic radiation, electrodeless lamp lighting installation must be ground wire, or not failure as a result of the grounding line and safety accident shall not be responsible for the company. The lamps and lanterns for the failure of the installation, maintenance and replacement of any parts must be conducted by the relevant qualifications of the electrical professionals, otherwise may cause failure of installation and safety accidents.

1.2 installation program

Broke open the packing cases, check if packing goods is complete → Broke open the packing cases, check if packing goods is complete → According to the actual need, mount or lifting the lamps and lanterns → According to the electrical connection diagram connected lines → Using shaking table confirm the insulation level of lamps and lanterns → Try the power of lamps and lanterns → Finish.

1.3 Install and use the matters needing attention

① Installation of this product must use the company with the corresponding specifications of the electronic ballast, not ballast series and other products.

② High power, large area with lights, lighting principle to independence.

③ To stick to the installation of lamps and lanterns fasteners must be strong.

④ Product ballast earthing terminal to be connected to the shell of lamps and lanterns is good, the connection must be ground wire.

⑤ Power supply voltage allows the rated voltage of + 20% - 80% range.

⑥ During maintenance, must disconnect the power supply, and can be carried out after tubes temperature drop, prevent burns or get an electric shock accident.

⑦ Adopt the plug-in connection between lamp and electronic rectifier, it is strictly prohibited under the condition of electricity plug tubes.

⑧ Adopt the plug-in connection between lamp and electronic rectifier, it is strictly prohibited under the condition of electricity plug tubes.

⑨ Lamps and lanterns can't be modified outside of the specified wattage other bulb or ballast

⑩ The product must hold national electrician operators operating installation of recognition.

7. Safety precautions

Please do not use this product for poor ventilation or high temperature, underwater, inflammable and explosive places.

Its installation and maintenance should be in the normal work can work safely, lest produce danger to people and the environment.

This lamps and lanterns for the failure of the installation, maintenance and replacement of any parts must be conducted by the professionals, otherwise it may have on the personal injury.

Electronic ballast output voltage of 400 v, it is forbidden to touch output terminals under working state.

Lamps and lanterns of the shell must be grounded, at the same time the need to guarantee the coupler base and electronic ballast with shell and grounding.

Lamps and lanterns of surface temperature of about 60 °C at work, please do not touch lamps shell in the studio of lamps and lanterns, in order to avoid scald.

8. Trouble shooting

fault phenomenon	fault analysis	abort situation	handling way
not bright when the light was on	due to loose tubes coupler base, tube parameter is not stable	modulator tube	the new fixed tube or replace tubes
the light not bright, but a slight ignition sound start	more due to rupture or scraping the broken copper line arranged	modulator tube	tubes leak, replace the bulb
lamp is not bright, no ignition	because of the electronic ballast failure cause	electronic ballast	replace the electronic electronic ballast
the light not bright, but start the obvious flicker	due to electronic failure	electronic ballast	change the electronic ballast
lamp light, normal light after a period of time not started again after a period of time or the same phenomenon such as	due to the electronic ballast protect too sensitive	electronic ballast	observation power, if the power within the normal range, the change of electronic ballasts
Lamp light when power significantly larger, lamp is red, or work after a period of time is not bright	Caused by tube slow leak or vacuum degree is not enough	modulator tube	Change the new modulator tube

9. Storage and transportation

The lamps and lanterns should be stored in shady and cool place.

The storage temperature range of lamps and lanterns is to 40 °C to + 50 °C.

The lamps and lanterns storage humidity of 90% or less.

Transportation should contain the packing when the lamps and lanterns, please according to the packing and handling when placed outside logo direction stacked, the lamps and lanterns together the largest number must not exceed four.

10. Please read the following terms carefully before using

1. The power should be cut off when installing or changing.
2. Please touch the plastic area when installing or changing, do not touch the glass tube in order to protect this lamp.
3. Please do not use in these areas, such as easy fire, burning, humidity.
4. This lamp is not fit to the exchanging circuit and closed lighting.
5. The temperature from -2°C to 60°C when using. Humidity is less than 80 percent.
6. Please check the installing between the lamp and the lamp base is good or illuminate or twinkle, if you can not find where is the problem, you's better change a new one.

This device complies with Part 18 of the FCC Rules.

Note: This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment, ships at sea or other critical navigation or communications equipment operating between 0.45-30 MHz