



LVD-GC00001- 100 LVD-GC00001- 120 Highbay Luminaire LVD-GC00001- 150

FCC ID:2AAFG03022100-150

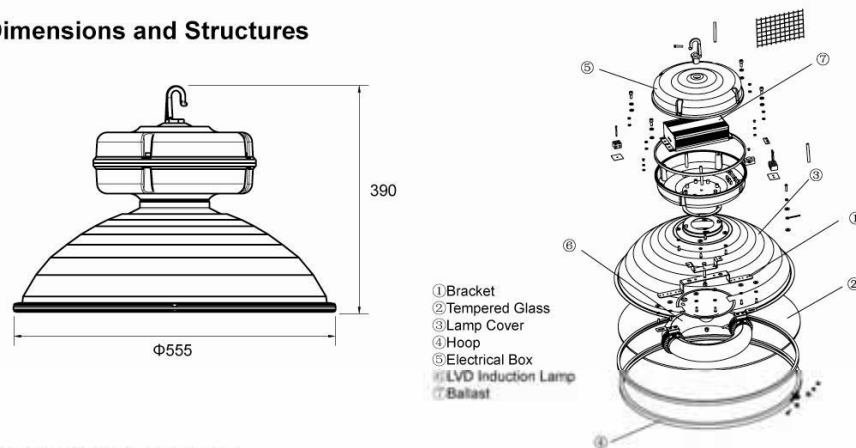
Product Instruction

Hongyuan Lighting approved by ISO9001

Appreciate the usage for products of Shanghai Hongyuan Lighting & Electric Equipment Co., Ltd.

LVDGC00001 is the Highbay luminaire that developed by Shanghai Hongyuan, the fixture adopts Pure aluminum reflector, polished oxidation, and special reflective design greatly increased the efficiency of light; Aluminum die-casting electrical box with the electrostatic spray; it can match with our LVD induction lamp with its excellent advantages of high light efficiency, Low power consumption and long-term use with maintenance-free.

I. Dimensions and Structures

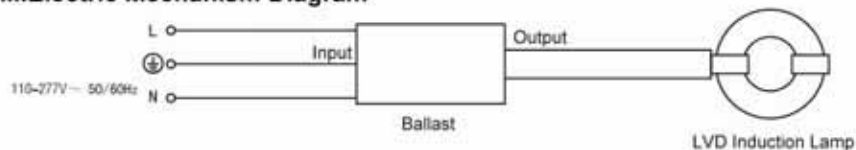


II. Technical parameter

1. Voltage: 110-277V~ 50/60Hz
2. Lighting Source: LVD induction lamp
3. Rated wattage: 100,120,150W
4. PF: 0.95

5. Ambient Temperature: $-10^{\circ}\text{C} \sim +30^{\circ}\text{C}$
6. Protection Class: IP54
7. Weight: 6KG
8. Illuminate distance: 1.5M
9. Range of mounting height: 6M-10M

III. Electric Mechanism Diagram



IV Installation Process:



Unscrew the screw which on the hoop.



Install the hoop on the right hole position



Tighten the screw which on the hoop to avoid the loss angle iron parameters (Size: $4\text{cm} \times 4\text{cm} \times 10\text{cm}$, Aperture: $\geq 12\text{mm}$, Bear load: ≥ 5 times the weight of lamps and lanterns)

V Attention

- ① Be careful during installation in case that the lens and bulb be broken, especially the part of amalgam.
- ② It is forbidden for the applications to the areas of corrosive and explosive gas.
- ③ The outer wires shall be no less than 1.5 sq mm in diameter and grounded correctly.
Note: For three-core cable, the yellow-green wires are for ground connection and shall be connected with the same color wires in the luminaire.
- ④ The lens and reflector shall be kept clean, it's allowed to wipe with soft cotton cloth. Replace the broken glass in time.
- ⑤ Metal wire mesh has a protective glass and improve EMC protective effect.
- ⑥ Be sure to cut off the current before performing maintenance.
- ⑦ If the lamp external flexible cable or cord is damaged, the lines have the manufacturer or service agent or similar qualification of people to change, in order to avoid danger!
- ⑧ Fluorescent induction lamps can only be replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- ⑨ The Luminaire Must be installed by a qualified electrician in accordance with local wiring rules and codes.
- ⑩ In case of repairs or service or replacement of supply cable or lamp contact the manufacturer or its authorized agents.
Note: the lamp mounting height less than 6m-10m.

VI Warning

This light device has been tested and found to comply with the limits for Consumer RF Lighting device, pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45 – 30MHz.



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