



# LVD – ZD25000 – 100 street Light

FCC ID:2AAG06039100

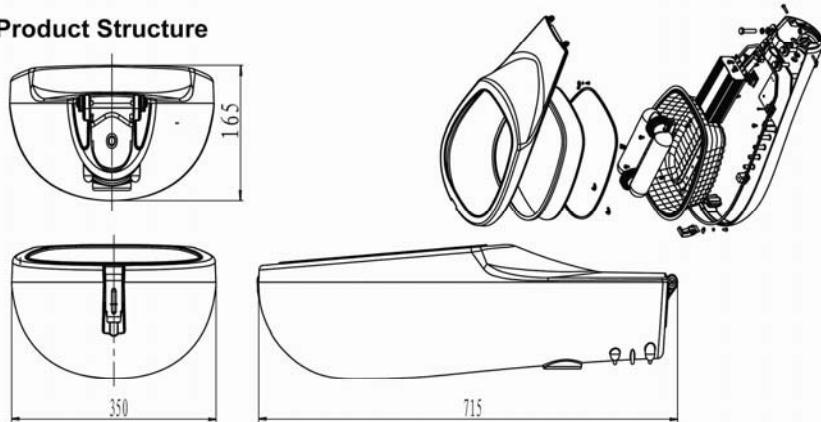
## Product Instruction

Hongyuan approved by ISO9001

**Thank you for choosing products of Shanghai Hongyuan Lighting & Electric Equipment Co., Ltd.**

LVD-ZD25000 road light fixture is the newly developed products of Shanghai Hongyuan Lighting & Electric Equipment Co., Ltd. The fixture body is made of die-casting aluminum, compact and exquisite. Light source cavity in the body and electrical cavity are reasonably sealed to ensure the protection class of the whole fixture. Electrostatic spray surface treatment technology, attractive and durable. Reflector with a unique diamond reflective patented technology, greatly improves the efficiency of the product. Optional photo-controlled switch. Matched with the LVD induction lamp highlights the features of high light efficiency, low energy consumption, maintenance-free for long-term use.

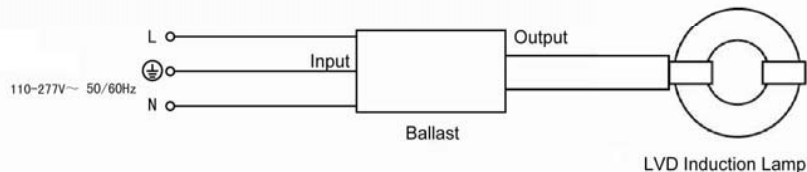
### I Product Structure



### II Technical Parameters

- |                                   |  |
|-----------------------------------|--|
| 1.Voltage: 110-277V~/50/60Hz      | 5.Ambient Temperature: -25℃~+40℃             |
| 2.Lamp Source: LVD induction lamp | 6.Protection Class: IP65                     |
| 3.Lamp Watts: 100W                | 7.Effective windward area: 0.1m <sup>2</sup> |
| 4.PF: 0.95                        | 8.Light weight: 8kg                          |
|                                   | 9.Range of mounting height: 8M               |

### III Electric Mechanism Diagram



### IV Installation Procedure



Close the fixture cover, lock the hasp.



The cable should have the extra length >200mm out of the lamp pole. Pressed by the fixture plate through the fixture rear hole. The cable connection should follow the sign, and the fixture should fix the lamp pole properly, fasten the fixture bolts.

### 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 Be sure to cut off the current before performing maintenance.
- ⑥ 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!
- ⑦ 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.
- ⑧ The Luminaire Must be installed by a qualified electrician in accordance with local wiring rules and codes.
- ⑨ 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 8m, allows the lamp post outside diameter 50-60mm mounted in the rear

### 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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