

# Shenzhen Lemon Digitals Limited

Tel: 0086 755 2642 2457; 2642 2458; 2622 3480 Fax: 0086 755 2642 2562  
Emails: lemon@wexport.net; newpower@wexport.net Website: www.wexport.net  
Address: 5A, Tower 3, Hua Cai Tian Cheng, Wen Xin 2nd Road, Nanshan District, Shenzhen, 518054, China

---

## Low-pressure Sodium-vapor Lamps / Mixed lamps

Specification:

1. Low-pressure Sodium-vapor Lamps / Mixed lamps are high-tech products which is both environment friendly and significant in energy saving. It greatly reduces the cost in power supply circuit, stabilizes the lighting, and is for general power supply; while with its multi-protecting function, and high safety, it greatly prolongs the lifespan of tubes or bulks. Obviously, this product greatly improves the quality of illumination, and reduces the operation cost. As an economic and applicable ballasts, it is the ideal upgraded products to replace inductive ballasts.

2. Technical specification:

Rated voltage of power supply AC220V

Rated frequency of power supply 50Hz

Total energy saving  $\geq 30\%$

Tolerable Frequency of power supply 40Hz~400Hz

Ambient temperature  $-30^{\circ}\text{C}\sim+40^{\circ}\text{C}$

Static consumption  $\leq 1\text{W}$

3. Installation and wire connecting

It's better for the wire of output be vertically adown to the earth. The wire connecting doesn't require the distinguish of polarity (except for DC electronic ballasts for low sodium lamp, whose red wire connects with the anode, and the black wire with the cathode). At the input end, two pieces of wires connects with the power supply, while at the output end, two pieces of wires connects with the lamp bulk/tube; plastic twist wire of  $0.5\sim 0.75\text{mm}^2$  is available for use (should also meet the specification of installation)

4. Notice and alert

① The case of electronic ballasts is heat emitting, so around it relevant space is required. The max temperature of the case is  $80^{\circ}\text{C}$ ; the storage temperature is  $-40\sim+90$ .

② When it is starting up, the voltage between the output wire and the earth is thousands of volt, so insulation is very important here.

③ Fuse or automatic switch with 3~5times of the input current is required to be in series with the input wires.

④ When the ballasts is works wrong, don't open it yourself. Exchange it at the suppliers' or send it through the supplier to the manufacturer for guaranteed repair.

⑤ Because of its triggering attribute, the ballasts can't be connected with trigger or match the bulbs/tubes with triggers.

⑥ The type and watt of the bulb/tube should match the ballasts.

⑦ Warrant of repairing: one year.