

LVD Induction Lamp Instructions

Compliance with standard Q/IDJW02-2008 Q/IDJW03-2008

LVD Induction Lamp, which is made by Shanghai Hongyuan Lighting & Electrical Equipment Company, is a high-tech light source with the advantages of super long life, high lumen efficacy, energy saving, environment protection. Its diversified products lines with different models, types, shapes and CCTs can be widely applied in commercial, industrial, infrastructure, and institutional lighting.

1. Working Condition Requirements

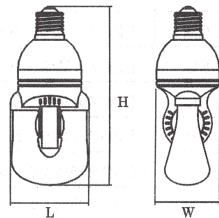
Power system: 230V-305V/60Hz (277V) 175V-265V/50Hz (220V) 90V-140V/60Hz (120V) 305V-385V/60Hz (347V)

Ambient Temperature: -25°C-+40°C

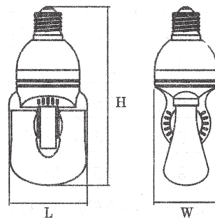
RH: No more than 90%

There is no corrosive, explosive, combustible substance and electric particles in the place where the lamp is working.

2. Compacted Model and Shape

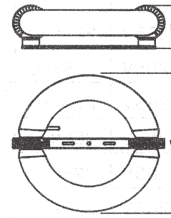


Venus Model

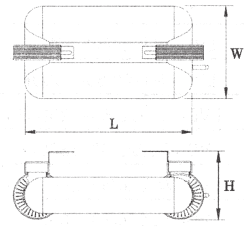


Venus Pin Model

3. Separated Model and Shape



Saturn Model



Smart Dragon Model

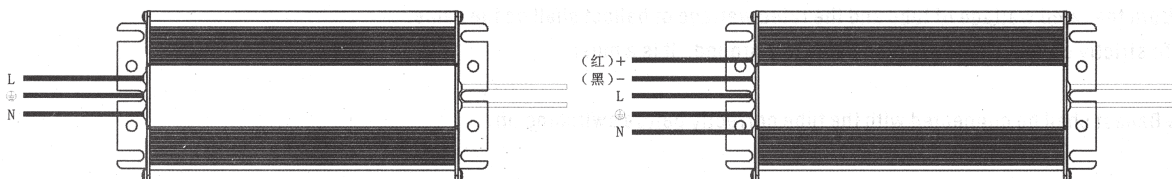
4. Specifications for Compacted Model

Model	CRI	Lumen Output (Lm)	Voltage Range	Working Frequency	Current (A) (220V/50Hz)	Dimension (mm)
LVD-ZWJY-JX-15	75~85	720	175~265V	225kHz	0.08A	L59×W57×H160
LVD-ZWJY-JX-23	75~85	1350	175~265V	225kHz	0.12A	L78×W62×H182
LVD-ZWJY-JX-40	75~85	2550	175~265V	225kHz	0.2A	L115×W88×H250/H261 (E27/E40)
LVD-ZWJY-JX-50	75~85	3150	175~265V	225kHz	0.27A	L115×W88×H250/H261 (E27/E40)

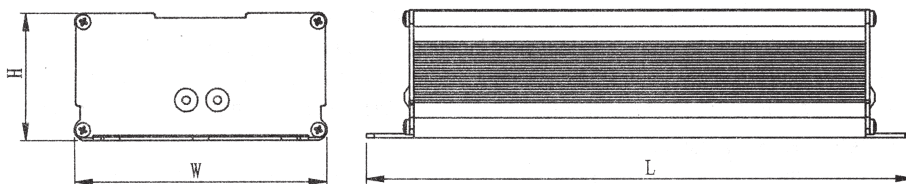
5. Specifications for Separated Model

Model	CRI	Lumen Output (Lm)	Effective flux(Plm)	Dimension (mm)
LVD-ZWJY-JX-15	75~85	720	1200-1500	L59×W57×H160
LVD-ZWJY-JX-23	75~85	1350	1900-2300	L78×W62×H182
LVD-ZWJY-JX-40	75~85	2550	3900-4600	L115×W88×H250/H261 (E27/E40)
LVD-ZWJY-JX-50	75~85	3150	4500-5200	L115×W88×H250/H261 (E27/E40)
LVD-WJY40HW1	75~85	2800	3900-4600	φ152×H89
LVD-WJY50HW1	75~85	3500	5600-6300	φ152×H89
LVD-WJY80HW1	75~85	6400	9600-11100	φ214×H99
LVD-WJY120HW1	75~85	9600	15500-18000	φ274×H99
LVD-WJY150HW1	75~85	12000	19500-22000	φ274×H99
LVD-WJY200HW1	75~85	16000	28000-30000	φ314×H110
LVD-WJY300HW1	75~85	24000	45000-48000	φ388×H110
LVD-WJY40JW1	75~85	2800	3900-4600	L150×W114×H89
LVD-WJY50JW1	75~85	3500	5600-6300	L150×W114×H89
LVD-WJY80JW1	75~85	6400	9600-11100	L250×W140×H99
LVD-WJY120JW1	75~85	9600	15500-18000	L320×W140×H99
LVD-WJY150JW1	75~85	12000	19500-22000	L320×W140×H99
LVD-WJY200JW1	75~85	16000	28000-30000	L400×W148×H110
LVD-WJY300JW1	75~85	24000	45000-48000	L500×W152×H110

六、Ballast Connecting Method



7. Ballast Model and Shape



8. Specifications for Ballast

Model	Voltage Range	Working Frequency	Current (A)	Power Factor	Ambient Temperature Range	谐波含量	Space (Tube and Ballast)	Dimension (mm)
LVD-WJ220/50-40DJF	175-265V	225kHz	0.21A	0.95	-25°C-50°C	< 10%	≤5M	L207×W95.5×H48
LVD-WJ220/50-80DJF	175-265V	225kHz	0.40A	0.98	-25°C-50°C	< 10%	≤5M	L207×W95.5×H48
LVD-WJ220/50-120DJF	175-265V	225kHz	0.59A	0.98	-25°C-50°C	< 10%	≤5M	L207×W95.5×H48
LVD-WJ220/50-150DJF	175-265V	225kHz	0.74A	0.98	-25°C-50°C	< 10%	≤5M	L207×W95.5×H48
LVD-WJ220/50-200DJF	175-265V	225kHz	0.98A	0.98	-25°C-50°C	< 10%	≤5M	L232×W119.5×H59.1
LVD-WJ220/50-300DJF	175-265V	225kHz	1.47A	0.98	-25°C-50°C	< 10%	≤5M	L232×W119.5×H59.1
LVD-WJ120/60-40DJF	90V-140V	225kHz	0.38A	0.98	-25°C-50°C	< 10%	≤5M	L213×W95.5×H58
LVD-WJ120/60-80DJF	90V-140V	225kHz	0.73A	0.98	-25°C-50°C	< 10%	≤5M	L213×W95.5×H58
LVD-WJ120/60-120DJF	90V-140V	225kHz	1.09A	0.98	-25°C-50°C	< 10%	≤5M	L238×W103.5×H61
LVD-WJ120/60-150DJF	90V-140V	225kHz	1.36A	0.98	-25°C-50°C	< 10%	≤5M	L238×W103.5×H61
LVD-WJ120/60-200DJF	90V-140V	225kHz	1.80A	0.98	-25°C-50°C	< 10%	≤5M	L238×W119.5×H72.5
LVD-WJ277/60-40DJF	230-305V	225kHz	0.17A	0.98	-25°C-50°C	< 10%	≤5M	L207×W95.5×H48
LVD-WJ277/60-80DJF	230-305V	225kHz	0.32A	0.98	-25°C-50°C	< 10%	≤5M	L207×W103×H51
LVD-WJ277/60-120DJF	230-305V	225kHz	0.47A	0.98	-25°C-50°C	< 10%	≤5M	L207×W103×H51
LVD-WJ277/60-150DJF	230-305V	225kHz	0.59A	0.98	-25°C-50°C	< 10%	≤5M	L207×W103×H51
LVD-WJ277/60-200DJF	230-305V	225kHz	0.78A	0.98	-25°C-50°C	< 10%	≤5M	L232×W119.5×H59.1
LVD-WJ347/60-40DJF	305V-385V	225kHz	0.13A	0.98	-25°C-50°C	< 10%	≤5M	L207×W95.5×H48
LVD-WJ347/60-80DJF	305V-385V	225kHz	0.25A	0.98	-25°C-50°C	< 10%	≤5M	L207×W103×H51
LVD-WJ347/60-120DJF	305V-385V	225kHz	0.38A	0.98	-25°C-50°C	< 10%	≤5M	L207×W103×H51
LVD-WJ347/60-150DJF	305V-385V	225kHz	0.47A	0.98	-25°C-50°C	< 10%	≤5M	L207×W103×H51
LVD-WJ347/60-200DJF	305V-385V	225kHz	0.62A	0.98	-25°C-50°C	< 10%	≤5M	L232×W119.5×H59.1
LVD-DQ-F12V-15W	9.5-14.5V	225kHz	1.30A	/	-15°C-50°C	< 10%	≤1M	L197×W73×H48
LVD-DQ-F12V-23W	9.5-14.5V	225kHz	2.00A	/	-15°C-50°C	< 10%	≤1M	L197×W73×H48
LVD-DQ-F12V-40W	9.5-14.5V	225kHz	3.80A	/	-25°C-50°C	< 10%	≤1M	L197×W73×H48
LVD-DQ-F24V-15W	18.5-28.5V	225kHz	0.65A	/	-15°C-50°C	< 10%	≤1M	L197×W73×H48
LVD-DQ-F24V-23W	18.5-28.5V	225kHz	1.00A	/	-15°C-50°C	< 10%	≤1M	L197×W73×H48
LVD-DQ-F24V-40W	18.5-28.5V	225kHz	1.90A	/	-25°C-50°C	< 10%	≤1M	L197×W73×H48
LVD-DQ-C120V/60Hz-15W	108-132V	225kHz	0.18A	0.70	-15°C-35°C	< 20%	≤1.5M	L171×W46.5×H46
LVD-DQ-C120V/60Hz-23W	108-132V	225kHz	0.27A	0.70	-15°C-35°C	< 20%	≤1.5M	L171×W46.5×H46
LVD-DQ-C120V/60Hz-40W	108-132V	225kHz	0.37A	0.90	-15°C-50°C	< 10%	≤1.5M	L183×W46.5×H46
LVD-DQ-C220V/50Hz-15W	175-265V	225kHz	0.08A	0.90	-15°C-35°C	< 20%	≤1.5M	L171×W46.5×H46
LVD-DQ-C220V/50Hz-23W	175-265V	225kHz	0.12A	0.90	-15°C-35°C	< 20%	≤1.5M	L171×W46.5×H46
LVD-DQ-C220V/50Hz-40W	175-265V	225kHz	0.19A	0.95	-15°C-50°C	< 10%	≤1.5M	L183×W46.5×H46

9. Caution for Connecting

- (1)The ballast has the open and short circuit protection (except JX assembled lamp,Not allowed to be taken apart)
- (2)Both the rated wattage of tube and the rated wattage of ballast shall be the same.
- (3)To strictly connect Yellow/Green cable to a ground. It is a must.

The Ballast shall be connected with the tube correctly before switching on.

