



VQ-IKLT Wind-type Insecticidal Lamps Specifications

Manufacturer: Shenzhen Vanq Technology Co., Ltd.

Address: 3rd Floor, Building B, Debaoli Industrial Park, No. 312 Jihua Road, Bantian Street, Longgang District, Shenzhen City, Guangdong Province

Tel: +86 755 29042099 Fax: 29042092 Email: vanqled@vanqled.com

Website: www.vanqled.com

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Catalog



VQ-IKLT Wind type insecticidal lamp

1	INSECTICIDAL LAMP INTRODUCTION	3
2	SPECIFICATIONS	3
3	DIMENSIONS AND PACKAGING	5
4	INSECTICIDAL LAMP CONNECTION PRINCIPLE	6
5	PRECAUTIONS	6
6	INSTALLATION	7
7	MAINTENANCE	8
8	WARRANTY	8
	APPENDIX A :PREVENTION AND CONTROL AREA OF INSECTICIDAL LAMPS	8

VQ-IKLT Series Wind-type Insecticidal Lamp

1 Insecticidal Lamp Introduction

1.1 Brief Introduction

Thank you for purchasing VQ-IKLT series insecticidal lamps. VQ-IKLT series insecticidal lamps are widely used in agriculture, forestry, storage, animal husbandry, breeding, etc., which can effectively prevent various pests. It has the characteristics of simple structure, convenient installation, strong operability, many types of insecticides, wide range of insecticides, safety and environmental protection, and non-toxic.

In addition to introducing the use and performance parameters of the insecticidal lamp, this manual also introduces the use and installation method of the insecticidal lamp. Before installing the insecticidal lamp, please read this manual carefully. If you have any questions, please feel free to contact with our sales team.

1.2 Functions and Features

- 1、The sunlight intensity is detected by the light sensor switch in the lamp. It will control the lamp to work or not. The lamp is in the standby mode during the daytime because the sunlight intensity is strong. When dark and night comes, the sunlight intensity is weak, the lamp will switch to working mode automatically.
- 2、Using multi-spectral trapping light source with wavelength of 365nm+395nm, it can trap various types of pests at the same time.
- 3、The use of high-power fans can greatly increase the number and efficiency of the trap;
- 4、Reduced pesticide residues, improved crop yield and quality;
- 5、Not affected by the size of the insect body, the trapping effect has increased by 2.1 times;
- 6、Status display: The switch LED indicator light on the lamp body of the insecticidal lamp can display the power status of the insecticidal lamp.

2 Wind type insecticidal lamp specifications

Basic info.

Product	Wind type insecticidal lamp
manufactur	Shenzhen Vanq Technology Co., Ltd.
waterproof	IP54
Product	256L x 256W x 430H (mm)
Operating	10°C ~ 60°C 50°F ~ 140°F
Executive	GB/T24689.2-2009 Plant Protection, Standard for Mechanical Frequency Vibration
Warranty	1 year

2.1 Specification

Product Model		VQ-IKLT-015ES-CHA	
Electrical parameters	Rated input voltage		85-265VAC 50/60HZ
	total power		15w±5%
	Lure light source	type of light	LED
		Lamp	E27
		Input voltage	DC12V
		Power	8W
	Fan	Fan type	waterproof fan
		Specification	15050
		Number of fans	1PCS
		Power	6W
Air volume		150CDF	
spectrum			
net weight		1.6kg	
features		Hook-type installation, more compact packaging	
Precautions for use		The insecticidal lamp contains ultraviolet light, please do not use it at close range for a long time	

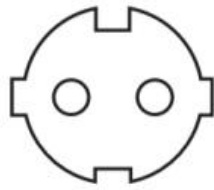
2.2 Order coding rules

Product Series	Model	Input Plug
VQ-IKLT: insecticidal lamp	-015ES : The lamp power is 15W, mains input AC85-265V	-CHA: National standard

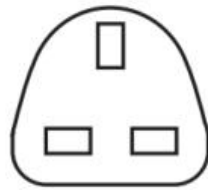
For example: VQ-IKLT-015ES-CHA refers to the VQ-IKLT series wind-powered insecticidal lamp with a total power of 15W. National standard plug, the input voltage is the standard residential electricians voltage AC85-265V.



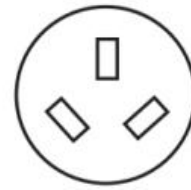
US 5-15P



EU plug 230V



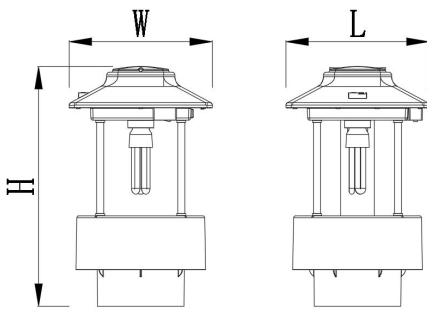
UK plug 240V



AUS/NZS
plug 240V

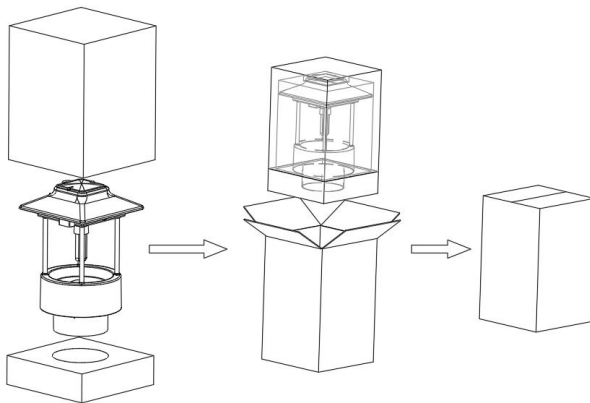
3 Dimensions and Packaging

1、Dimensions



L =265mm
W=265mm
H =430mm

2、Packaging



Inner packaging:1pcs/carton

Gross weight:2.2kg

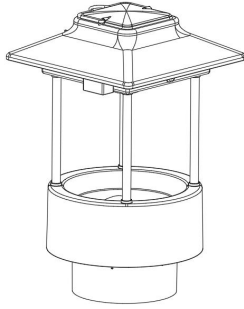
Net weight:1.6kg

A size:310L x 310W x 480H(mm)

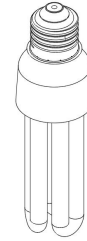
Packing material: plastic bag + foam + carton

3、Inner packing packing list

NO	product name	Specification	Qty
A	Insecticidal lamp housing	Insecticidal lamp plastic case	1
B	Lure light source	E27-LED, input DC12V	1



A. Housing



B. Lure light source

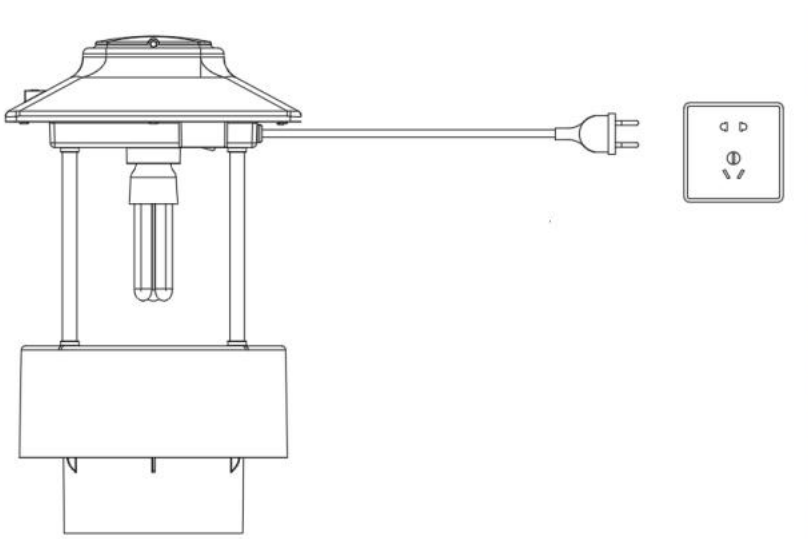
Please carefully check the purchased products and accessories according to the contents of the list. If you find that the actual product does not match the listing listing, or the product is damaged, please contact us immediately with photos or videos!

4 Insecticidal lamp connection principle

The customer determines the connection and installation method of the insecticidal lamp according to the connection principle. Before use, check that the wires are intact and undamaged, and the connection is firm.

4.1 Connection schematic

The residential electricians type insecticidal lamp is a standard plug, and the input is AC85-265V, which can be directly connected to a household socket for use.



5 Precautions

Before installing the product, installers please read the following carefully.

5.1 Installation Precautions

1. Certified professionals are required to install insecticidal lamps;

2. Before installing the insecticidal lamp, make sure that the power is turned off;
3. Connect cables according to local safety regulations and electrical codes;
4. Pay attention to the input voltage parameters of the insecticidal lamp;

Select an effective control area, with good light transmission, open area, no shelter, avoid direct lighting, and should be close to the main breeding grounds of pests.

5.2 Use environment requirements

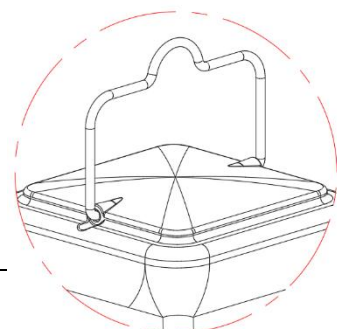
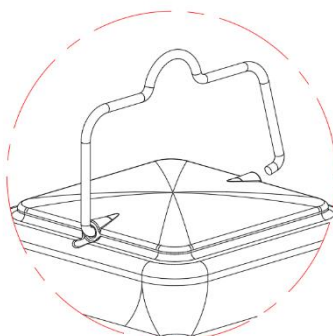
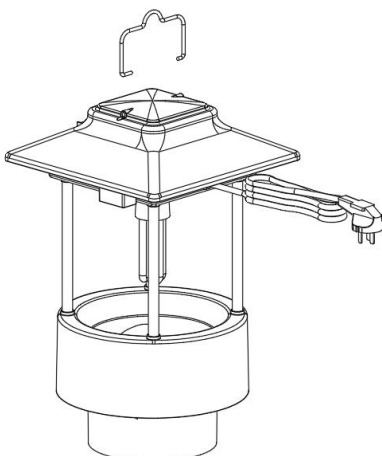
Our company does not provide warranty service for damage to insecticidal lamps caused by improper use of the environment

- 1、 The power supply voltage must match the input voltage of the insecticidal lamp;
- 2、 The operating ambient temperature cannot exceed the specified range, and the operating ambient temperature of the insecticidal lamp is 10°C ~ 60°C;
- 3、 It is not allowed to use the residential electricians insecticidal lamp outdoors;
- 4、 The trapping light source is a special insecticidal lamp for trapping and killing insects, and must not be used as ordinary household lighting;
- 5、 It is forbidden to pile up flammable materials such as weeds and branches under the insecticidal lamp equipment;
- 6、 According to the actual situation of the insect situation, clean the insect collection bag in time, and regularly check whether the insect collection bag is neat and tight;
- 7、 When there is no need to kill insects in winter, remove the insecticidal lamp and keep it properly, and then take it out and install it for use when it is used;
- 8、 If there is a failure, be sure to cut off the power before repairing.

6 Installation

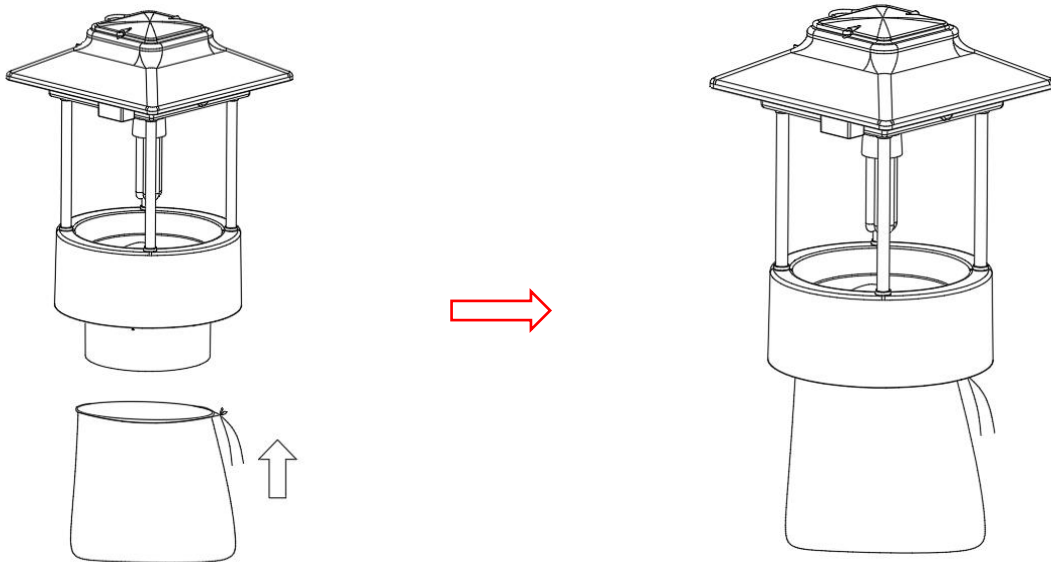
The setting of insecticidal lamps should be selected at the edge of the field or at the head of the field according to factors such as terrain conditions, plot size, and effective control radius. The power of the light source should be selected according to the effective control radius range of 40 m to 100 m. During installation, the prevention and control zone should not be missed. See Appendix A for the prevention and control area.

residential electricians insecticidal lamp installation



1、 Install the wire hook

When installing the wire hook, please snap the end of the long elbow of the wire hook into the installation port of the insecticidal lamp first. Then break off the short elbow end of the wire hook and snap it into the installation port of the insecticidal lamp. After installation, tie the bug bag.



2、 settings of bug bags

Fully open the mouth of the insect collecting bag, put it on the buckle of the plastic part, and tighten the mouth of the bag with the self-locking buckle. Pay attention to check whether the insect bag is neatly and tightly hung on the plastic hook.

7 maintenance

- 1、 Regularly check the power line, wiring and electrical appliances, etc., and the line connection should be firm and reliable;;
- 2、 When repairing or replacing the light source and other parts of the insecticidal lamp, the power should be turned off;
- 3、 When replacing the trapping light source, it is advisable to choose the same model as the original one, or choose a light source with a trapping light wavelength of 365nm+395nm, and ordinary fluorescent lamps should not be used instead;
- 4、 Regularly check the operation of the fan, and deal with it in time if there is any failure, stuck, etc.;
- 5、 The power supply of the insecticidal lamp should be disconnected during the dormancy of insects in winter.

8 warranty service

1. The warranty period is one year. During the one-year warranty period, if the product problem is not caused by improper use by the user, Vanq will provide free warranty service. Warranty services include replacement of new products, replacement of product parts, and repair of defective products. If maintenance is required, please send the product and the proof of purchase to Vanq.

If the company decides to provide warranty service for the product, the remaining warranty period is one year from the date of purchase of the original product.

2. Warranty service is not provided for product damage caused by violation of "5.2 Operating Environment Requirements".

Appendix A Prevention and Control Area of Insecticidal Lamps

The relationship between light source wavelength, power and prevention and control area

Item	Unit	Light wavelength, power and prevention and control area		
Attracting light source wavelength	nm	365+395		
Light source power	W	$10 \leq a < 15$	$15 \leq a < 25$	$25 \leq a < 40$
Effective prevention and control radius R	m	$40 \leq R < 60$	$60 \leq R < 80$	$80 \leq R < 100$
Prevention and control area S	hm ²	$0.5 \leq S < 1.1$	$1.1 \leq S < 2.0$	$2.0 \leq S < 3.1$