

LED Anti-mosquito bulb

MASTERLIGHT®



Insect-resistant



Easy to intallation



Bright uniform luminance



Durable and energy saving

Exclusive LED
Insect-resistant lamp



Insect-resistant

95 %



After test, our anti-mosquito lamp's effect up to 95.9%.
The most record of anti-mosquito is up to 97.7%.

Brightness

1.3

times of the
normal tubes

5M range of illumination than the average LED high

Energy saving

1/3

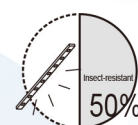
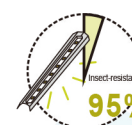
of the tube
light

long lifespan up to 50000H,
can save the cost of replacement for the lights

LED insect-resistant lamp

Normal LED tube

Traditional tube



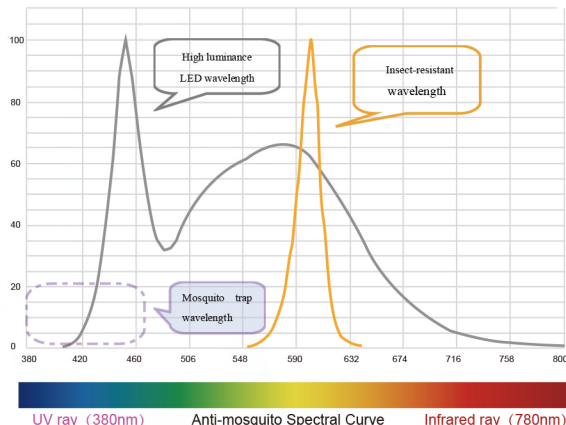
Bug-resistant bulb



Normal LED bulb



Anti-mosquito lamp working theory



Using the phototaxis of mosquito which has the biological nature to favorite the blue violet light below 500nm, and afraid of the yellow light, that wavelength is 545-630nm and peak wavelength is 595nm, to drift away them.

- 1 95.9% insect-resistant
After test, our anti-mosquito lamp's effect up to 95.9% ;
The most record of anti-mosquito is up to 97.7% ;
The test data is base on the normal LED tube which is anti-mosquito 0% .
- 2 Filter the wavelength below 500nm which has the outstanding fascination to the mosqu
- 3 No harm of blue-ray, blue-ray ratio < 0.1%
- 4 LED chips, high efficiency and energy saving, lifespan up to 50000H
- 5 Standard lamp holder, easy to installation



Common parameter

- Input Voltage(VAC) :AC100V~277V
- Input Frequency(Hz) :50/60Hz
- Operation Temp : -30℃ ~ 50℃
- Wavelength: 500-650nm
- Rated power: 2W-5W
- Product Design lifespan:50,000Hr (Temp 25℃)
- Lighting color: white for the lamp body, after light up it will be yellow Lamp
- Lamp holder: E27

Product parameters

Specifications	Model	Power Consumption	Total Lumen	Lamp Efficiency	Size(D*H)	Weight
Photoelectric parameters	MLAM-A19-2	2W	200lm	100lm/W	Φ60×112mm	52.5g
	MLAM-A19-5	5W	500lm	100lm/W	Φ60×112mm	54.5g

Product Application

Food factory, restaurant, dust-free plant, vegetable & fruit shop, vegetable greenhouses, park, bus station and farm etc.

