



Anti-mosquito
LED A60 Bulb & LED Tubes
Presentation

MASTERLIGHT®

About Master Lights Australia

- Master Lights Australia is a 100% Australian owned company.
- The products of Master Lights Australia are widely used in Homes, Offices, Business premises, Shopping Malls, Hotels and Restaurants, and Clubs.
- Master Lights Australia has a philosophy of maintaining strong quality, providing a professional service and customer orientation, and subsequently wins the confidence and recognition among customers.

- The newly developed anti mosquito and anti flies LED Bulbs and LED tubes are produced with state-of-the-Art Japanese technology and designed to comply with the Australian Quality Standards.

GLOBAL OFFICES OF MASTERLIGHT

- Many well-known international corporations have established partnerships with MASTERLIGHT Australia in U.K, Dubai, India, Sri Lanka, Middle East and Africa.



MASTERLIGHT GLOBAL OFFICES

MASTERLIGHT – DUBAI
MASTERLIGHT- UK
MASTERLIGHT – INDIA
MASTERLIGHT- SRI
LANKA

Vision of Master Light - Sri Lanka

“To create a better Sri Lanka with Promoting the best quality product by implementing the business solutions to the crisis of mosquitoes and flies”



ANTI-
MOSQ
UITO
AND
ANTI-
FLIES
LED
Bulbs



ANTI-
MOSQUITO
AND
ANTI-FLIES
LED Tube
LIGHT



ANTI-MOSQUITO LED TUBE

LED Anti-mosquito tube light

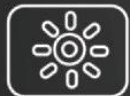
MASTERLIGHT®



Insect-resistant



Easy to installation



Bright uniform luminance



Durable and energy saving


Exclusive LED
insect-resistant lamp

3
years warranty



ANTI MOSQUITO LED TUBE DATA SHEET

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

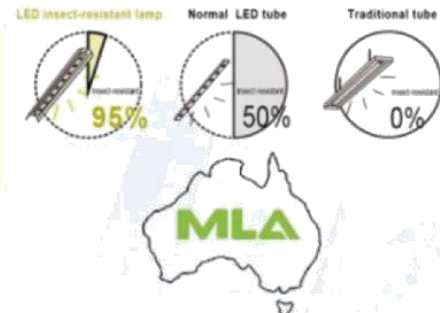
1.3 times of the normal tubes

5M range of illumination than the average LED high

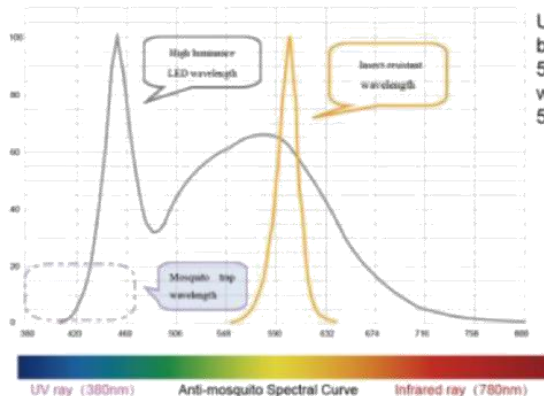
Energy saving

1/3 of the tube light

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

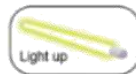


Anti-mosquito and Anti-Flies Lamp Working Theory



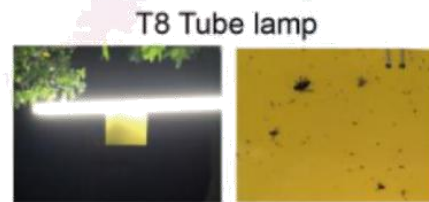
Using the phototaxis of mosquito which has the biological nature to favorite the blue violet light below 500nm, and afraid of the yellow light, that wavelength is 545-630nm and peak wavelength is 595nm, to drift away them.

- 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: 13W-18W
- Product Design lifespan:50,000Hr (Temp 25℃)
- Lighting color: white for the lamp body,
after light up it will be yellow Lamp
- Lamp holder: G13



ANTI MOSQUITO LED TUBE PRODUCT APPLICATION

Product parameters

Specifications	Model	Power Consumption	Total Lumen	Lamp Efficiency	Size(D*H)	Weight
Photoelectric parameters	AM-1200Y-13	13W	1820lm	140lm/W	Φ28×1198mm	245g
	AM-1200Y-15	15W	2100lm	140lm/W	Φ28×1198mm	245g
	AM-1200Y-18	18W	2520lm	140lm/W	Φ28×1198mm	245g

Product Application

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



LED ANTI-MOSQUITO LED A60 BULB

LED Anti-mosquito bulb

MASTERLIGHT[®]



Insect-resistant



Easy to intallation



Bright uniform luminance




Durable and energy saving

Exclusive LED
Insect-resistant lamp



LED anti mosquito A60 Bulb Data sheet

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

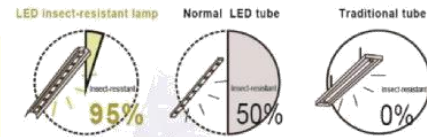
1.3 times of the normal tubes

5M range of illumination than the average LED light

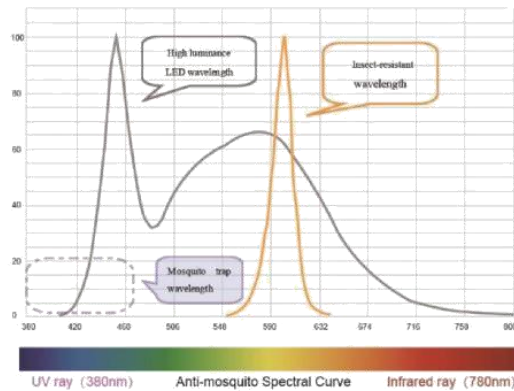
Energy saving

1/3 of the tube light

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



Anti-mosquito lamp working theory



Using the phototaxis of mosquito which has the biological nature to favor 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.

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- 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

Bug-resistant bulb



Normal LED bulb



ANTI MOSQUITO LED A60 BULB PRODUCT APPLICATION

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.



ANTI MOSQUITO PRINCIPLE

- According to biological principles, mosquitoes are particularly sensitive and attracted to light with specific wavelength;
- Based on the same principle, Our researchers, through years of researches and trials, have discovered and invented a specific yellow light spectrum which mosquitoes hate and can function as mosquito repellent;
- MASTERLIGHT anti mosquito light series adopted and patented LED Light – emitting material and binary light splitting components to produce a large amount of mosquito repelling ray ranged from 530nm to 590nm. Our

patented spectrum will also filter out attractive ray at wavelength below 250nm.

FEATURES – ANTI MOSQUITO LAMP

- Harmless to human

Most LED light rays include blue ray (ranged from 445nm – 465nm) which is harmful to human eyes.

- On the contrary, MASTERLIGHT anti mosquito light emits ray ranged from 530nm -590nm which is both visible and comfortable to human eyes and at the same time driving mosquitos away.

- This is very important for protection of our children from mosquito-based health hazards; health and development.

EFFICIENCY

- By making use of light to repel mosquitoes at the same time can also replace normal lighting.
- This makes the mosquito repellent progress more energy efficient.
- Also other mosquito repellent methods such as aromatherapy diffuser require refills and replacement which are costly.

- MASTERLIGHT LED products have long life lifespan of 50,000 operating hours, and hence are much more durable and economical for customers.

ENVIRONMENTALLY FRIENDLY

- As you are aware there are other LED mosquito repellent lights in the market. But basically they only apply the coating on the lamp shades to filter out rays at wavelength 500nm or below.
- This not only significantly lowers the brightness and the coatings are usually made from Zns or CdS pigments that are toxic to some extent.
- MASTERLIGHT uses patented light – emitting material and binary light splitting components, can achieve 50% higher brightness and more environmentally friendly and cost efficient.

ABOUT MASTERLIGHT LED ANTI MOSQUITO LAMP

Q. What is the effective anti-mosquito range of MASTERLIGHT?

A. The effective range of MASTERLIGHT patented light ray is around 1 square meter per 1W of light, in case of installation at 2meter in height. Take the bulb of MASTERLIGHT for an example, the power is 7watts and it can cover 7square meters.

Q. How do we install MASTERLIGHT anti mosquito lamp to attain ideal anti – mosquito environment?

A. The most ideal case to install MASTERLIGHT all over the house. However, some may not be fond of the yellow ray at indoors. We suggest that MASTERLIGHT light can be placed in garden, balcony or by the doors to create an invisible ant-mosquito barrier to prevent mosquitoes from entering house. Besides, children are more prone to attract mosquitos. Therefore, we recommend installation of MASTERLIGHT night lamp in children’s room to prevent them from mosquitos.

FREQUENTLY ASKED QUESTIONS & ANSWERS (FAQs)

- Q. Will our anti mosquito MASTERLIGHT effected by other lights when they are turned on at the same time?
- A. Will When using MASTERLIGHT, make sure other lights are turned off since lights contain wavelength which is favourable to mosquitos. It will weaken the effect or will not work at all.
- Q. How long our anti mosquito MASTERLIGHT lamp take to be effective?
- A. After 15 minutes in use, the mosquitos will be 50% less. After half an hour, the mosquitos will be 90% less. The result will be better if you switch on the anti mosquito MASTERLIGHT for longer time. It takes some times to effect the movement of mosquitos. Mosquitos will come back at first, but they will escape and repeat several times. The longer anti mosquito MASTERLIGHT is in use, the less the number of mosquitoes.
- Q. Will anti mosquito MASTERLIGHT be effective outside the light coverage?
- A. Anti mosquito MASTERLIGHT drives away mosquitos through light wave. The f further away from the light, the weaker effect of mosquito repellent. When

light intensity is zero, there will be no effect. So we have to reduce obstacles when MASTERLIGHT, otherwise the obstacles will become a mosquito refuge.

ANTI-MOSQUITO AND ANTI FLIES PRODUCT BENEFITS



95% After test, our anti-mosquito lamp's
effect up to 95.9% ,
The most record of anti-mosquito is up to 97.7%.

ANTI-MOSQUITO AND ANTI FLIES PRODUCT BENEFITS



Brightness

1.3 times of the Normal tubes 5M range of illumination
than the average LED high

ANTI-MOSQUITO AND ANTI FLIES PRODUCT BENEFITS



Energy saving

**1/3 of the tube light ,
long lifespan up to 50000H ,
can save the cost of replacement for the lights**

ANTI-MOSQUITO AND ANTI FLIES PRODUCT BENEFITS



Easy to Install



Standard lamp holder



High Efficiency



ANTI-MOSQUITO AND ANTI FLIES LED BULB 2W

Common parameter:

Input Voltage(VAC):AC100V~277V

Input Frequency(Hz) :50/60Hz

Operation Temp:- 30°C~ 50°C

Wavelength : 500-650nm

Rated Power : 2W/5W

Product Design lifespan : 50,000Hr

Lighting Color : White for the lamp
body, After light up it will e yellow
Lamp

Lamp holder : E27/B22



ANTI-MOSQUITO AND ANTI FLIES LED BULB 5W



Common parameter:

Input Voltage(VAC):AC100V~277V

Input Frequency(Hz) : 50/60Hz

Operation Temp:- 30°C~ 50°C

Wavelength : 500-650nm

Product Design lifespan : 50,000Hr

Rated Power : 2W/5W

Lighting Color : White for the lamp
body, After light up it will e yellow Lamp

Lamp holder : E27/B22

ANTI-MOSQUITO AND ANTI-FLIES LED TUBE LIGHT

Common parameter:

Input Voltage(VAC):AC100V~277V

Input Frequency(Hz) :50/60Hz

Operation Temp:- 30°C~ 50°C

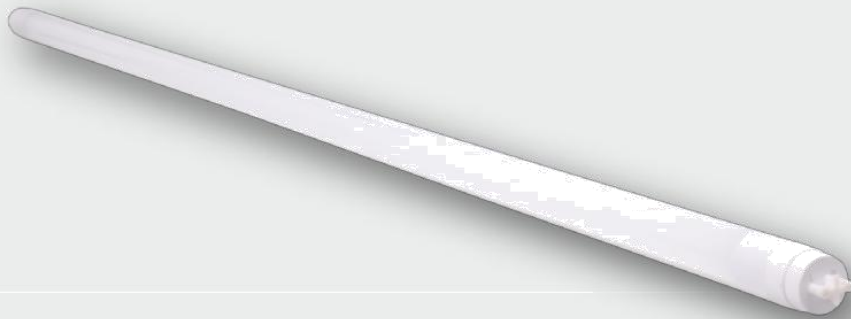
Wavelength : 500-650nm

Product Design lifespan : 50,000Hr

Rated Power : 9W/15W

Lighting Color : White for the lamp
body, After light up it will be yellow Lamp

Lamp holder : G13



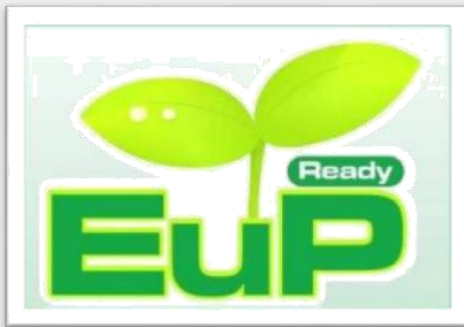
ANTI-MOSQUITO AND ANTI-FLIES LED TUBE LIGHT



ANTI-MOSQUITO AND ANTI-FLIES LED TUBE LIGHT



CERTIFICATION



THANK YOU ALL
Be a partner in the Progress of
GREEN Go BUSINESS !!!

