

MESHUV

introducing

Consistent with our commitment to develop and offer the newest generation of solid state lighting, LumenMesh is proud to introduce, our newest luminaire, the MeshUV. Our new 270nm UVC luminaire is designed to provide both general lighting and UVC light from the same fixture.

The luminaires are controlled by your Bluetooth Mesh network. Use the Casambi app to schedule periods of total UV illumination or general lighting.



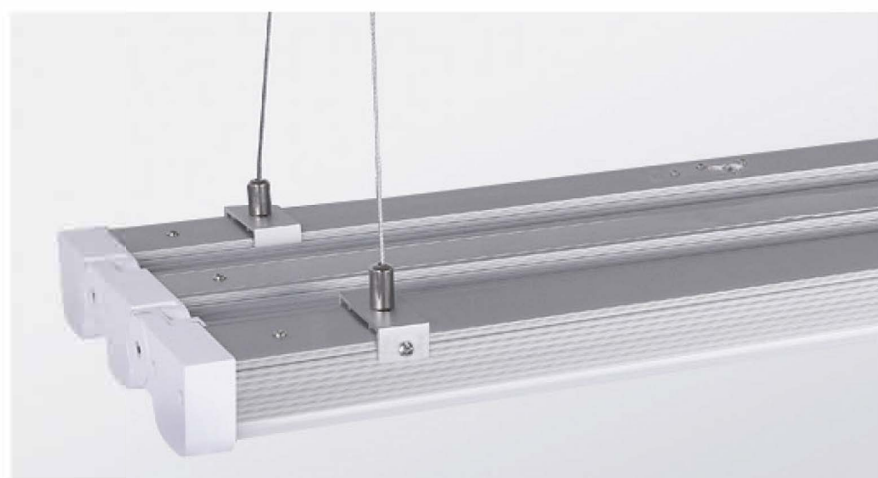
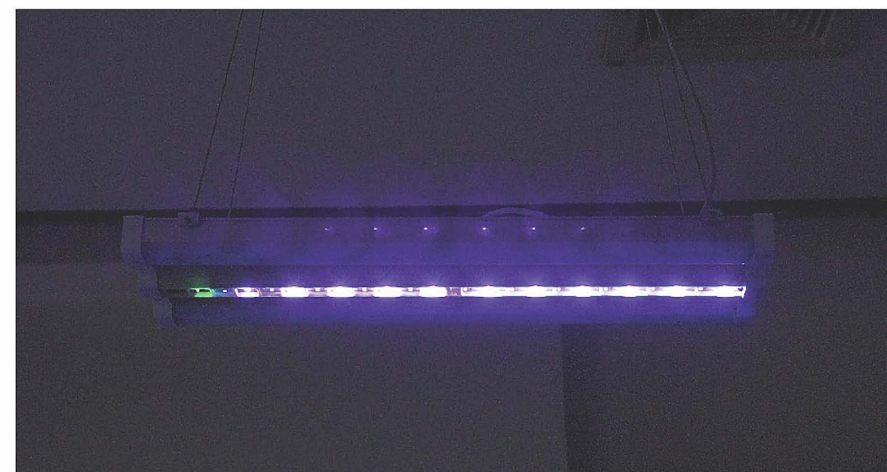
UV LED

Provide high quality led lighting



UVA + UVC

The fixture comes standard with three light strips or can be customized into an array of multiple formable light strips. The light strips on the outside are general lighting, the one in the middle is UVC light. The UVC light strip is programmed to come on at your preset schedule, allowing UV light to deactivate pathogens when the space unoccupied or during the night. When the fixture first turns on the general lighting is emitted and the UVC light is off. When the program calls for UV, the general lighting is off and the space is bathed in germicidal UVC light per your schedule.



FEATURES & BENEFITS:

- Effective Germicidal Wavelength;
- Effective Deactivation Of Viruses, Bacteria;
- Dry, Chemical-Free Disinfection;
- No Mercury Or Other Dangerous Materials In The Lamp;
- Wide Operating Temperature;
- Both General And UV Lighting;
- Operates on AC or DC voltage for use in vehicles such as ambulances and other emergency service vehicles.

Specification

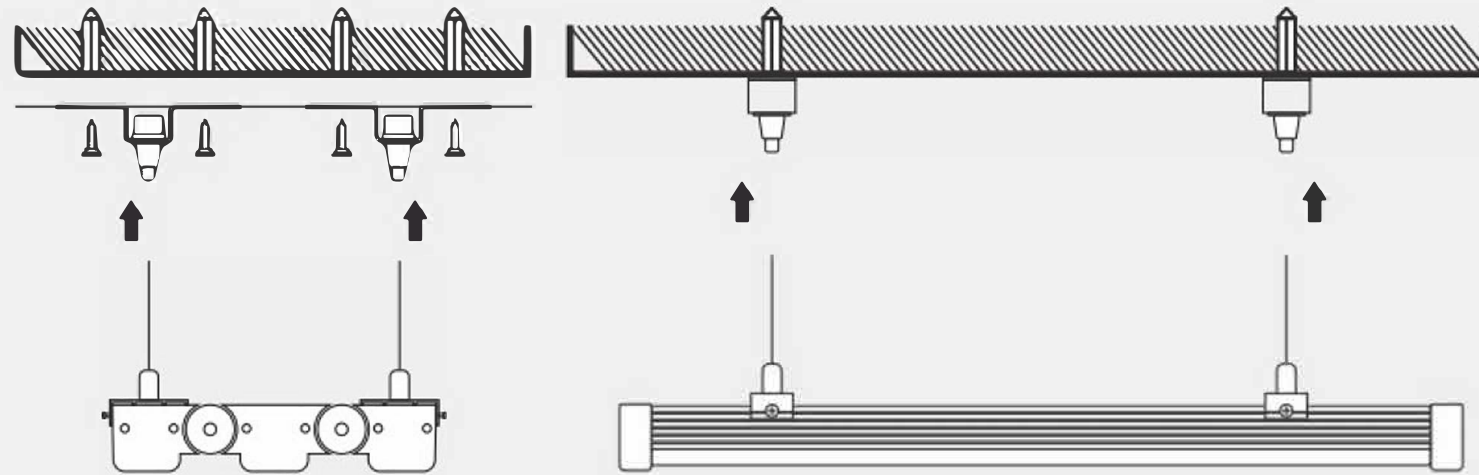
Model	LM- L4 - UVC
Size (mm)	597*192*37
Power	General light 30W, UV light 15W
UV Leds	UVC-LED 22 pcs + UVA-LED 22 pcs
General Lighting leds	SMD2835-168 pcs × 2
Power supply	Internal
Voltage	100-277V or 12V DC
Material	AL+PC
CCT	5000K
CRI	>80
IP	IP20

Scope of application

In the context of the new corona virus raging around the world, the link-type integrated UV germicidal lamp is a multifunctional intelligent lamp with both sterilization and lighting. It is widely used in corridors, bars, restaurants, classroom, commercial places, office and other crowded places and indoor spaces.

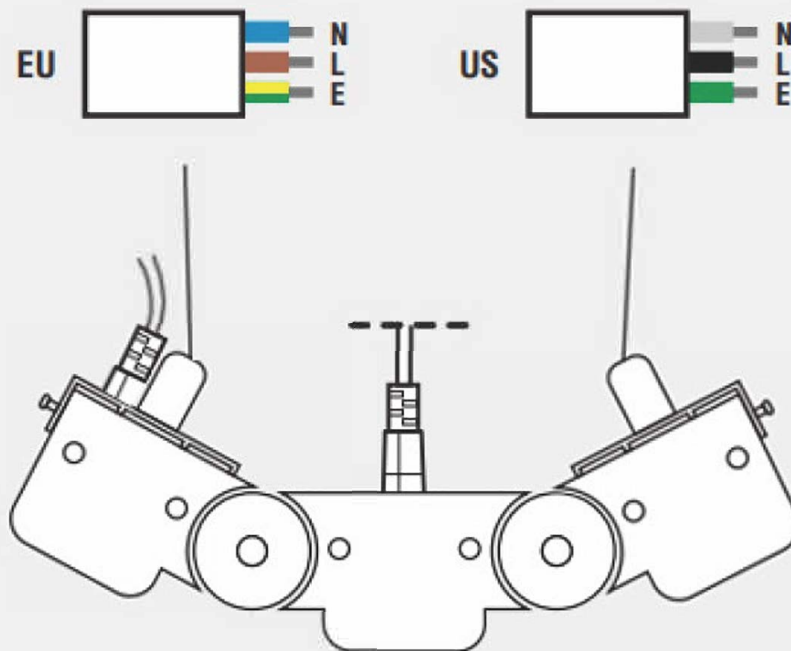


Install ceiling buckle & tighten with the fastening screw.



Caution: Place the clip kit and screws correctly

Power input connected from the back.



Can be adjusted the beam angle according to you needed

Precautions

1. The power must be off before installation to ensure personal safety.
2. It must be practical according to the rated voltage.
3. It is only suitable for indoor use.
4. If you need to repair or adjust the settings, please contact a professional electrician or return to the original factory.

Other options



1P



5P

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report No. 2020FM14009R.02E

Name of Sample LED UV sterilization light

Applicant LONYUNG LED LIGHTING CO., LTD

Test Type Entrustment Test

Address: Building 66, No.100 Central Xian Lie Road, Guangzhou, China

Postcode: 510070

Tel: +86 20 87137666

Fax: +86 20 87137668

Website: www.gddcm.com

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report No.: 2020FM14009R.02E Verification Code: 78403921



Name of Sample	LED UV sterilization light	Test Type	Entrustment Test
Applicant	LONYUNG LED LIGHTING CO., LTD	Address	Block 2, Number 39, East Jucheng Rd, Xiaolan Town Zhongshan
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One Sample Submitted
Spec and Lot No. of Sample	LY-T5SL600-15W	State and Characteristic	Strip
Sample Received Date	2020-05-15	Test Completion Date	2020-05-27
Test Standard and Method	Technical Standard for Disinfection (2002 Ministry of Health P.R.China)- 2.1.5.4		
Item Tested	Validation of disinfection efficacy of sterilization and disinfection instruments		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	Manufacturer/Supplier: LONYUNG LED LIGHTING CO., LTD. (provided by the applicant)		

Editor: Chen Jingjing

Verifier: Sun Jia

Approver: Xie Xiaobao

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2020FM14009R02E

1. Sample pretreatment: The glass was used as the carrier of the microbial sheet. During the test, the microbial sheet was placed 3m away from the lamp. Treatment time was 60 minutes.

2. Test Result:

Test Organisms	Test groups	Average number of positive controls (cfu/pcs)	Average number of testing groups (cfu/pcs)	Killing rate (%)	Sterilization logarithm
<i>Escherichia coli</i> 8099	1	1.0×10^6	1.9×10^4	98.10	1.72
	2	1.2×10^6	1.9×10^4	98.42	1.80
	3	1.2×10^6	1.9×10^4	98.42	1.80
<i>Staphylococcus aureus</i> ATCC 6538	1	1.6×10^6	2.3×10^3	85.63	0.84
	2	1.9×10^6	2.4×10^3	87.37	0.90
	3	1.7×10^6	2.3×10^3	86.47	0.87
<i>Candida albicans</i> ATCC 10231	1	1.6×10^6	3.3×10^3	79.38	0.68
	2	1.5×10^6	3.5×10^3	76.67	0.63
	3	1.6×10^6	3.3×10^3	79.38	0.68

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Notice Items

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