



Your Custom UV LED Solutions

From Water to Air Purification, We Engineer to Your Needs.



青岛乐亿迪电子有限公司
Qingdao LYD Electronics Co.,Ltd

Since 2011

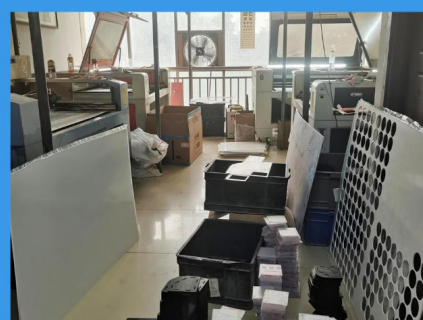
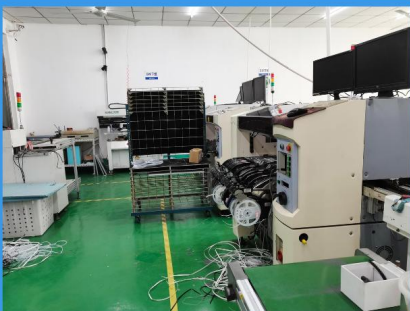
UV LED
Series

ABOUT US

- Founded in 2011
- Specialized in developing, designing, producing, selling LED products/UV LED products/LED acrylic products.
- Factory area 3,000 sqm
- Complete series of machines and equipment
- Over 80% components manufactured in-house
- CE, CB, TUV, RoHS certificates for EU market. Meet the new ErP standards.
- ETL, DLC, FCC certificates for NA market
- ISO9001, ISO14001, ISO18001 Management System Certificates

OEM/ODM PARTNERS

Short lead time for customized samples, on-demand personalization



Content

UV LED Light Strips	03
UV Sterilization of Water	04-06
UV Surface Disinfection	07
UV Air Disinfection	08
Custom UV Light	09



UV LED Light Strips



customizable

DC12V

OEM & ODM

Features:

This UV UVC LED Strip features a flexible design and can be customized with wavelengths of 255nm, 265nm, or 275nm. It offers a peak output radiant power of 5-20mW per UVC LED and operates at 10W/meter with DC12V voltage. The strip is versatile, allowing cutting every 100mm, and supports ODM & OEM services for tailored solutions.

Type : UVC LED light board

Power : 30LED/m-12.6W ;60LED/m-25.2W

Color : UVC

Wavelength : UVC 265-275nm

Chip brand : EPISTAR

Radiant Flux : 12-15mW /W

Beam Angle : 120 degree

Stent material : Flexible PCB

Voltage(VF) : DC12V

Dimension : 5000*10mm (5m/Roll)

Working Life : >50000Hr

Warranty :3 years



RoHS





UV Sterilization of Water



IP65

Customizable

OEM & ODM

Features:

High-efficiency Waterproof UVC LED Modules for Static Water Treatment, featuring 270-280nm peak wavelength, DC12/24V voltage, and $\leq 1.5W$ input power. Suitable for water purifiers, pet water dispensers, and humidifiers with a long lifespan of 10,000 hours and 1-year warranty.

Size: 36.5mm*24mm(Thickness)

Voltage: DC12/24V

Input Power: $\leq 1.5W$

Output Radiant Power: 6-9mW

Peak Wavelength: 270-280nm(Regular)

255-260nm(Customized)

260-270nm(customized)

UVC LED Module is suitable for

- * Water purifier
- * Pet water dispenser
- * Humidifier
- * Floor cleaning robot
- * cabinet





UV Sterilization of Water



IP65

Customizable

OEM & ODM

Features:

High-efficiency UV-C LED modules for static water sterilization, featuring 99.9% bactericidal rate and suitability for small water tanks ($\leq 10L$). The product offers customizable options, supports DC12V or DC24V input, and delivers reliable performance with power outputs ranging from 0.4W to 0.6W.

Size : 15mm*13mm(Thickness)

Voltage : DC12/24V

Input Power : $\leq 0.8W$

Output Radiant Power : 3-5mW

Peak Wavelength : 270-280nm(Regular)255-260nm(Customized)

260-270nm(customized)

Application : applicable to small static water tank with capacity $\leq 10L$





UV Sterilization of Water



IP68

Customizable

OEM & ODM

Features:

This UVC LED module is designed for water disinfection in tanks up to 10L, featuring a peak wavelength of 260-270nm and an output radiant power of 4-6mW. It ensures a 99.9% sterilization rate and is waterproof, making it ideal for humidifiers, pet water dispensers, and water purifiers. The module undergoes rigorous testing, including waterproof, aging, and bactericidal tests using E. coli, ensuring strong stability and quality assurance.

Size : 24mm*24mm(Thickness)

Voltage : DC12/24V

Input Power : $\leq 0.5W$

Output Radiant Power : 4-7mW

Peak Wavelength : 270-280nm(Regular)255-260nm(Customized)
260-270nm(customized)

Application : Suitable for domestic and similar uses of static water purifier sterilization, bacteriostasis and other similar uses



RoHS





UV Surface Disinfection



IP68

Customizable

OEM & ODM

Features:

UV-C 254NM 265NM 270NM 295NM 308NM T5 G5 LED UV tube led T5
sterilization and disinfection lamps

shell material : Aluminum + quartz glass tube

Wavelength : 250-260nm/260-270nm/270-280nm/280-290nm/290-300nm/300-315nm different wavelength products can be customized according to specific requirements.

Power : 3w/4w/5w/6w

usage environment : -20+50°C

led Beam angle : 120°

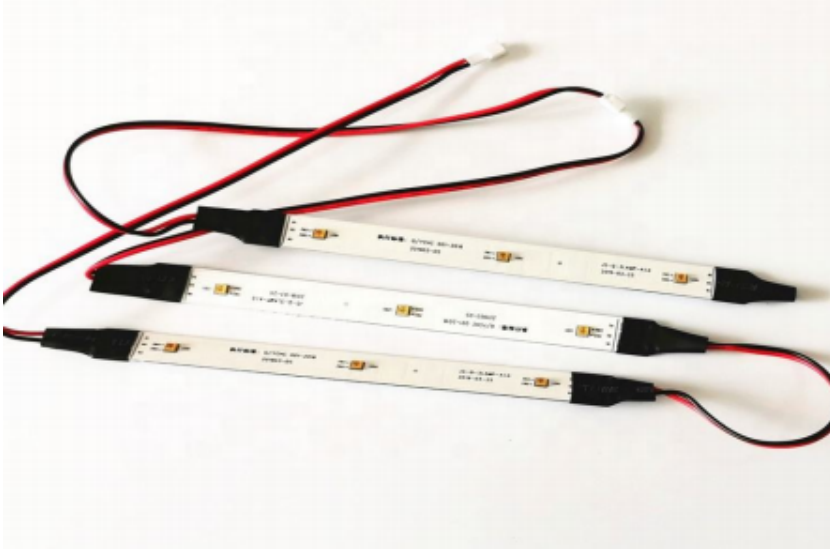


RoHS





UV Air Disinfection



CE & RoHS

Customizable

OEM & ODM

Features:

The ODM OEM Service for UV LED Strips offers customizable voltage options (6V, 12V, 24V) and a wide wavelength range of 265nm-311nm, ideal for applications like disinfection, water/air purification, and ultraviolet detection. With a long lifespan of 10,000 hours and a wide viewing angle of up to 120°.

Size : 160*14*1.4mm

Wide viewing angle : 120°, 60° or 30°

Soldering Temperature : 250-260 Celsius

If : 300mA

Forward Voltage : DC6.5V-7V, Can be customized. DC12V, DC24V, AC110V or AC220V

Power : 2W

Peak Wavelength : 260-285nm, can be customized

Life : 10000H

Application : Disinfection, Water/Air Purification, Ultraviolet detection, Food & Pharmaceutical Processing, Health care

OEM : accept

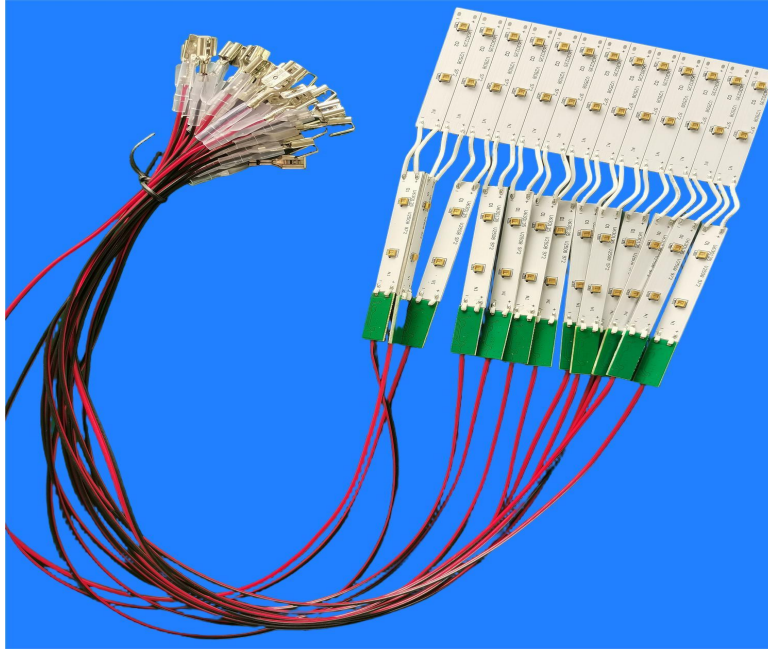


RoHS





Custom UV Light



CE & RoHS

Customizable

OEM &
ODM

Features:

The ODM OEM Service for UV LED module offers customizable voltage options (12V, 24V) and a wide wavelength range of 265nm-275nm, ideal for applications like disinfection, water/air purification, and ultraviolet detection. With a long lifespan of 10,000 hours and a wide viewing angle of up to 120°.

Size : 63*9*1.6mm

Wide viewing angle : 120°, 60° or 30°

Soldering Temperature : 250-260 Celsius

If : 300mA

Forward Voltage : DC6.5V-7V, Can be customized. DC12V, DC24V, AC110V or AC220V

Power : 2W

Peak Wavelength : 260-285nm, can be customized

Life : 10000H

Application : Disinfection, Water/Air Purification, Ultraviolet detection, Food & Pharmaceutical Processing, Health care

OEM : accept



RoHS

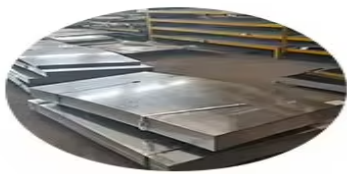




LYD SCENE



MANUFACTURING PROCESS



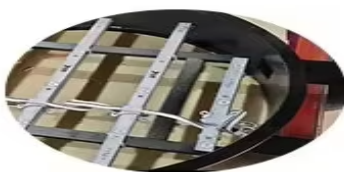
Sheet material



Laser cutting



Bending process



Install LED light



Painting process



Welding process



Acrylic face print



Light test

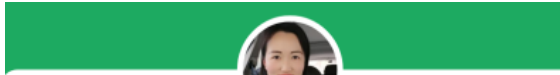


Product packing



Qingdao LYD Electronics Co.,Ltd

WhatsApp



Leyun Liang
WhatsApp contact



WeChat



li.ang 😊



扫一扫上面的二维码图案，加我为朋友。

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