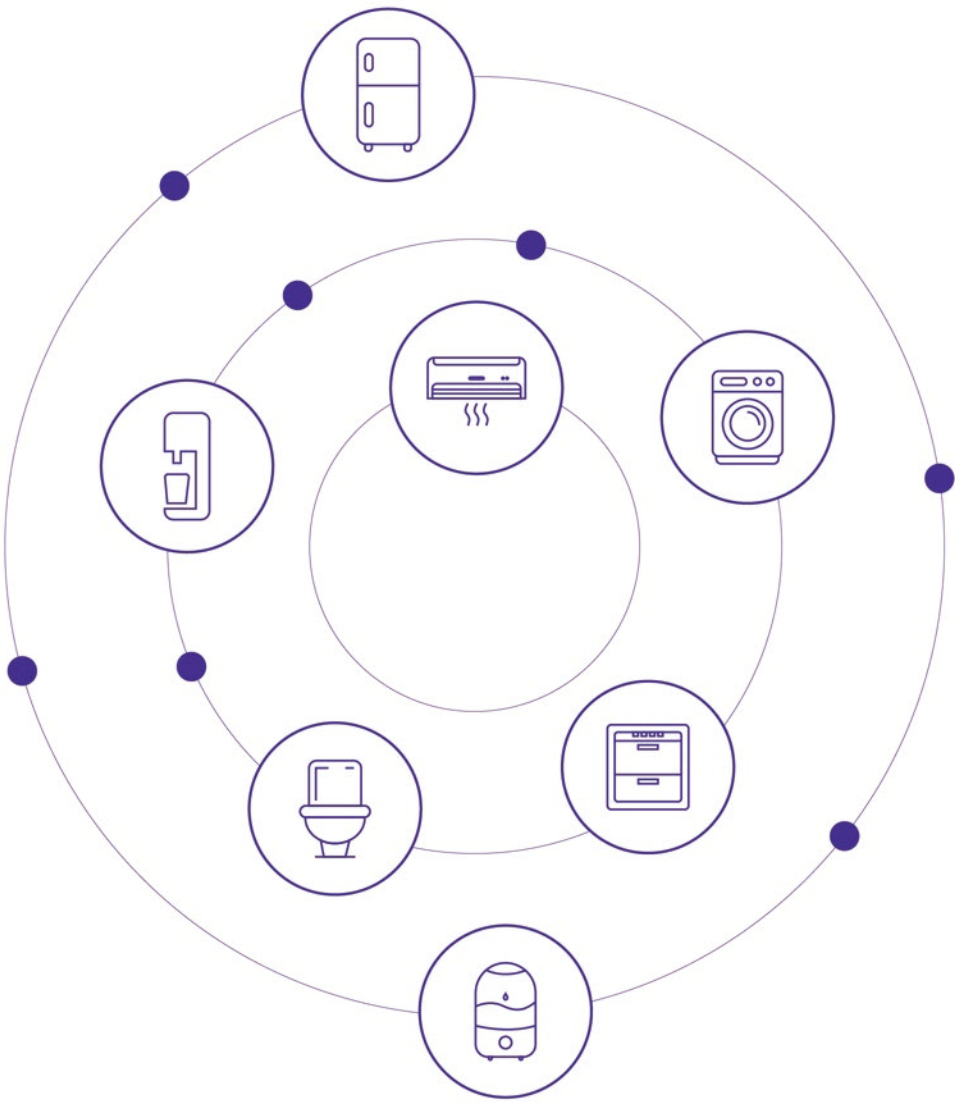
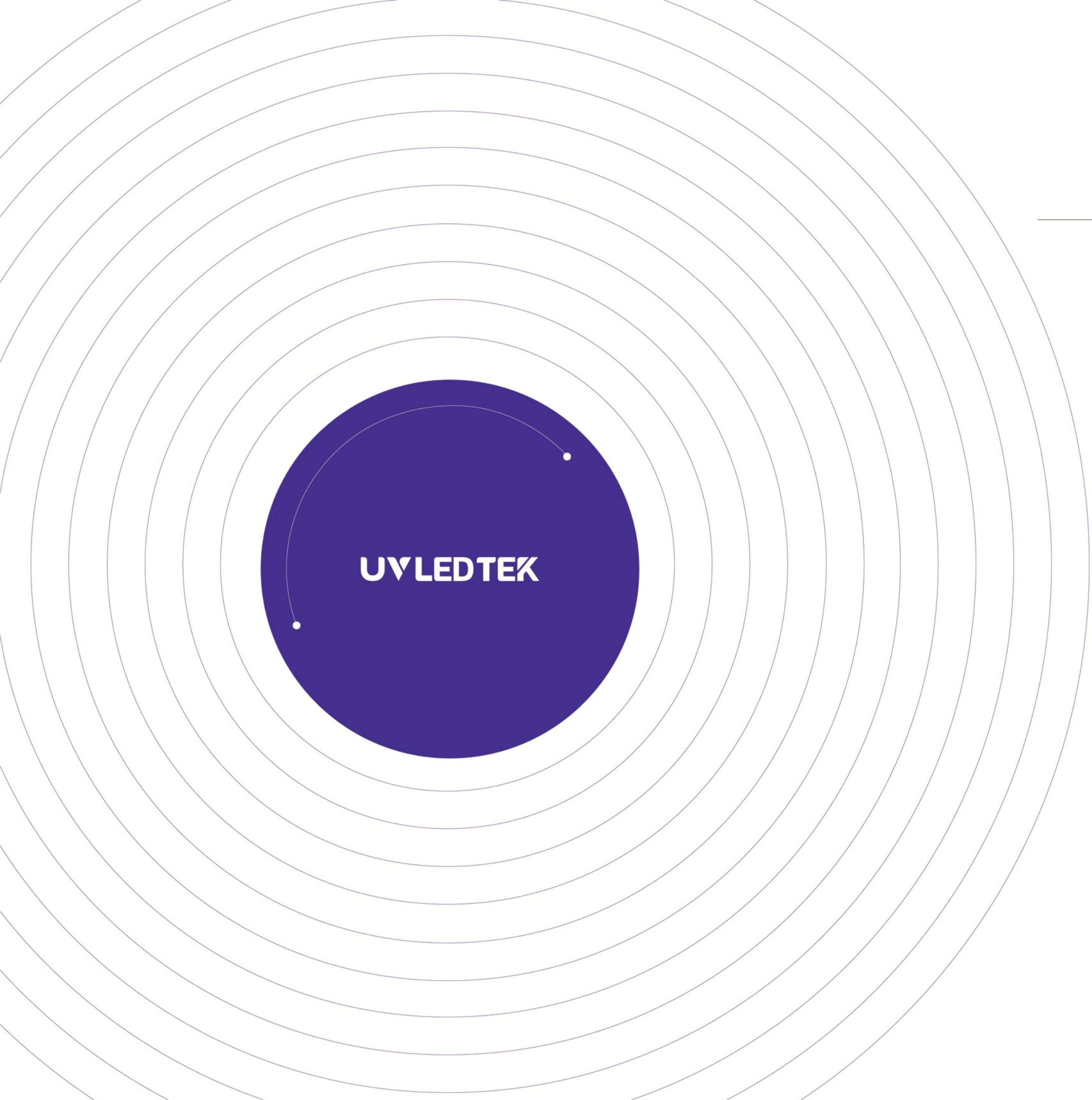


Disinfection And Sterilization Products Catalogue



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Ezhou City, Hubei Province, China, 436000.



A large graphic on the left side of the page featuring a central dark blue circle with the text "UVLEDTEK" in white. This central circle is surrounded by numerous concentric circles of varying shades of light blue and grey, creating a ripple effect that fills the left half of the page.

UVLEDTEK

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- 01 Company Profile
- 03 Honor and qualification
- 05 Service Areas
- 06 UVC/UVB Packages Series
- 11 Module
- 18 Partners



Company Profile

Hubei DUVTek Co., Ltd.(a subsidiary of Wuhan UVLEDTEK Co., Ltd.), a pioneer of chip-level deep UV LED UV sterilization technology.A professional supplier of deep UV UVC / UVB-LED core devices, self-produced epitaxy, chip and packaging. We provide high-quality deep UV LED lamp beads and PCBA module products and services to global deep UV LED solution providers and application manufacturers. Create rich industry solutions with excellent technological innovation capabilities, and build open and win-win products Ecology, promote the construction of industrial norms, and help all walks of life in UV sterilization to realize the upgrading of LED industrialization.



20+
Master and Ph.D. R & D team

20.3%
WPE Laboratory Level

MOCVD
Self-built

CHIP
Core Chip Technology

100+
Industry Solutions

KK Level
Monthly Supply Capacity

Honorary Certificate

« National "high-tech Enterprise"

« National-level specialized "little giant" enterprises

« Hubei Province specialized and special new
"little giant" enterprises

« Hubei listed reserve "golden seed" enterprises

« "Potential unicorn" enterprises in Hubei Province

« A Class enterprise of Double Entrepreneurship
Strategy Team in Hubei Province

« Hubei deep ultraviolet photoelectric technology
professional Research Institute

« Jiangsu double Innovation team enterprise

« Suzhou Gusu innovation and entrepreneurship
leading talent enterprise

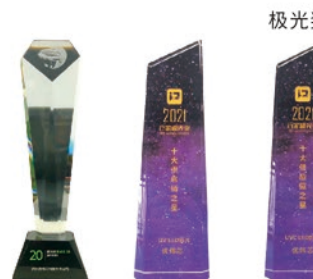
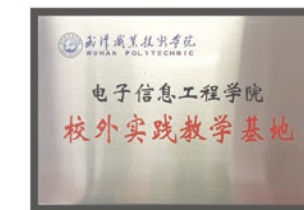
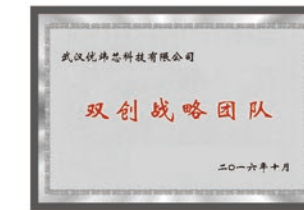
« Awarded "Gazelle Enterprise" for 6 consecutive years

« Optics Valley Gazelle Top 10 High Value Enterprises

« Top 20 high-tech high-growth enterprises in Optical Valley

« Optics Valley 3551 Talent Plan enterprise

« The Hurun list of China's top 50 Hubei Province
with the most investment value



Service Areas



Glue Coating Ink UV Curing



Medical Beauty
Intelligent Plant Factory Lighting



Air Water Surface Sterilization
And Disinfection

UVC Sterilization Series

Package

35 Flat 120° Series



Product Features:
High Optical Power, High Reliability,
High Temperature Resistance and Long Service Life,
Environmental Protection and Energy saving ,
Large light angle, wide range of sterilization ,
which QNB series Package can pass IP68 waterproof level

Application Fields:
Air/Water Sterilization, Optical Sensors,
Biological Analysis/Detection

Product Number Product Picture		Technical Specifications						
		If (mA)	Vf (V)	WLP (nm)	φe(mW)	2θ°	L50 (h)	Main Product
LS2MQBB		40	5~7	260-270-280	4-6-8-10-15	120°	20000	260-270nm/4-8mW 270-280nm/6-10mW
LS2AQBB		100	5~7	260-270-280	15-20-25-30-35-40	120°	20000	260-270nm/10-20mW 270-280nm/15-25mW
LD2MQBB		40	5~7	260-270-280	4-6-8-10-15	120°	20000	260-270nm/4-8mW 270-280nm/6-10mW
LS2AQNB		100	5~7	260-270-280	15-20-25-30-35-40	120°	20000	260-270nm/10-20mW 270-280nm/15-25mW
LS4AQHB		350	5~7	260-270-280	60-80-100-130	120°	20000	260-270nm/60-80mW 270-280nm/80-120mW

Package
35 60° Series



Product Features:
High Optical Power, High Reliability,
High Temperature Resistance and Long Service Life,
Environmental Protection and Energy saving ,
Small light angle,Concentrated optical power,
this series of Packege can pass IP67 waterproof level

Application Fields:
Air/Water Sterilization, Optical Sensors,
Biological Analysis/Detection

Product Number	Product Picture	Technical Specifications						
		If (mA)	Vf (V)	WLP (nm)	φe(mW)	2θ½	L50 (h)	Main Product
LS2MHAA		40	5~7	260-270-280	6-8-10-15	60°	20000	260-270nm/6-10mW 270-280nm/8-15mW
LD2MHAA		40	5~7	260-270-280	6-8-10-15	60°	20000	260-270nm/6-10mW 270-280nm/8-15mW
LS2AHAA		100	5~7	260-270-280	15-20-25-30-35-40	60°	20000	260-270nm/15-25mW 270-280nm/20-30mW
LS4AHAA		350	5~7	260-270-280	60-80-100-130	60°	20000	260-270nm/60-80mW 270-280nm/80-130mW

Package
35 30° Series



Product Features:
High Optical Power, High Reliability,
High Temperature Resistance and Long Service Life,
Environmental Protection and Energy saving ,
The light angle is smaller,
And the light power is more concentrated,
This series of Packege can pass IP67 waterproof level

Application Fields:
Air/Water Sterilization, Optical Sensors,
Biological Analysis/Detection

Product Number	Product Picture	Technical Specifications						
		If (mA)	Vf (V)	WLP (nm)	φe(mW)	2θ½	L50 (h)	Main Product
LS2MHAC		40	5~7	260-270-280	6-8-10-15	30°	20000	260-270nm/6-10mW 270-280nm/8-15mW
LD2MHAC		40	5~7	260-270-280	6-8-10-15	30°	20000	260-270nm/6-10mW 270-280nm/8-15mW
LS2AHAC		100	5~7	260-270-280	15-20-25-30-35-40	30°	20000	260-270nm/15-25mW 270-280nm/20-30mW
LS4AHAC		350	5~7	260-270-280	60-80-100-130	30°	20000	260-270nm/60-80mW 270-280nm/80-130mW

Package
65 Series



Product Features:
High Optical Power, High Reliability,
High Temperature Resistance and Long Service Life,
Environmental Protection and Energy saving ,
Wider Application Scenarios, Sterilization in industrial fields

Application Fields:
Air/Water Sterilization, Optical Sensors,
Biological Analysis/Detection

Package



Product Features:
High Optical Power, High Reliability,
High Temperature Resistance and Long Service Life,
Environmental Protection and Energy saving ,
Wider Application Scenarios, Sterilization in industrial fields

Application Fields:
Air/Water Sterilization, Optical Sensors,
Biological Analysis/Detection

35 Flat 120° Series

Product Number	Product Picture	Technical Specifications						
		If (mA)	Vf (V)	WLP (nm)	φe(mW)	2θ½	L50 (h)	Main Product
LS2MQBB		40	5~7	295-305-310-315	4-6-8-10	120°	20000	305-315nm/6-8mW
LS2AQBB		100	5~7	295-305-310-315	10-15-20-25	120°	20000	305-315nm/10-15mW
LS4AQHB		350	5~7	295-305-310-315	50-60-70-80-100	120°	20000	305-315nm/60-80mW

35 60° Series

Product Number	Product Picture	Technical Specifications						
		If (mA)	Vf (V)	WLP (nm)	φe(mW)	2θ½	L50 (h)	Main Product
LS2MHAA		40	5~7	295-305-310-315	6-8-10-15	60°	20000	305-315nm/6-10mW
LS2AHAA		100	5~7	295-305-310-315	10-15-20-25	60°	20000	305-315nm/10-20mW

35 30° Series

Product Number	Product Picture	Technical Specifications						
		If (mA)	Vf (V)	WLP (nm)	φe(mW)	2θ½	L50 (h)	Main Product
LS2MHAC		40	5~7	295-305-310-315	6-8-10-15	30°	20000	305-315nm/6-10mW
LS2AHAC		100	5~7	295-305-310-315	10-15-20-25	30°	20000	305-315nm/10-20mW

Modules
Air Conditioner

Product Features:
Adopt international advanced DUV LED sterilization technology
Excellent thermal management, Low light decay, Long life
Built-in constant current chip, High reliability

Application Fields:
Air Conditioner



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
UVC002	12	55	>8	270-285	>99.9%	120°	20000	81.4*37.7*10.1



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
MD001	12	120	≥14	270-285	>99.9%	120°	20000	50.0*25.0*9.5



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
UVC011	12	100	>15	270-285	>99.9%	30°	20000	75.6*12*32



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
UVC009	12	20	≥4	270-285	>99.9%	120°	20000	70.0*30.0*35

Modules
Washing Machine
Humidifier/Dishwasher

Product Features:
Adopt international advanced DUV LED sterilization technology

Application Fields:
Washing Machine
Humidifier/Dishwasher



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
UVC006	12	55	>6	270-285	>99.9%	120°	20000	66.0*32.3*30.0



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
UVC010	12	40	>6	270-285	>99.9%	120°	20000	47.1*40.3*34.2



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
HL001	12	60	6~10	270-285	>99.9%	120°	20000	24.0*24.0*15.0



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
YM001	12	40	>6	270-285	>99.9%	120°	20000	45.1*44.1*16.0

Modules

Smart Toilet

Product Features:
Adopt international advanced DUV LED sterilization technology
Industrial standard, Waterproof rating IP68
Low light decay, Long life

Application Fields:
Smart Toilet



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)
SKM03/MDZ003	12	20	≥3mW	270-280	>99.9%	120°	20000



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)
DL006	12	60	≥6	260-280	>99.9%	120°	20000



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Applicable flow rate	L50 (h)
LS006/LS008	12	≤2.5	≥40 ≥45	270-280	>99.99%	0.5-1.0 1.0-1.5	>20000

Modules

Anti-mite Meter/Freezer/
Maternal and infant disinfection cabinet

Product Features:
Adopt international advanced DUV LED sterilization technology
An array of intense light sources keeps bacteria out of sight
Mercury free and pollution-free

Application Fields:
Anti-mite Meter/Freezer/
Maternal and infant disinfection cabinet



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)
XX003	12	≤250mA	≥50mW	270-285	>99.9%	150°	20000



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)
XX001	12	500	>150	270-285	>99.9%	60°	20000



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)
MNB001	12	400	≥80	270-280	>99.9%	120°	20000

Modules
Water Purification Series

Product Features:
High reliability, high temperature resistance long life,
environmental protection and energy saving, large light Angle,
Deep ultraviolet broad spectrum sterilization, sterilization rate > 99.99%,
IP68 waterproof grade, food grade material

Application Fields:
Pet water dispenser, Countertop water dispenser, Humidifier, etc
Home drinking machine, Home water purifier, Pipeline machine,
Commercial drinking machine,
Industrial water dispenser, Intelligent toilet,
Campus pipeline direct drinking water, etc



Technical Specifications

Product Number	Voltage (V)	Electric Current (mA)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
UVC024	DC12-24	40	>6	270-280	>99.99%	120°	20000	31.5*31.5*24.3



Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Luminous Angle	L50 (h)	Overall Dimension (mm)
MJS001	DC12	≤0.5	8-10	270-280	>99.99%	/	20000	30.5*22*14.5



Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Flux (L/min)	L50 (h)	Overall Dimension (mm)
LS003	DC12-24	≤3	≥50	270-280	>99.99%	1	20000	124*23*18



Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Flux (L/min)	L50 (h)	Overall Dimension (mm)
ZYGLS04	DC12-13	≤3	≥100	270-280	>99.99%	1.5-2	20000	24*20*100

Modules
Water Purification Series

Product Features:
High reliability, high temperature resistance long life,
environmental protection and energy saving, large light Angle,
Deep ultraviolet broad spectrum sterilization, sterilization rate > 99.99%,
IP68 waterproof grade, food grade material

Application Fields:
Home drinking machine, Home water purifier,
Pipeline machine, Commercial drinking machine,
Industrial water dispenser, Intelligent toilet,
Campus pipeline direct drinking water, etc



Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Flux (L/min)	L50 (h)	Overall Dimension (mm)
ZYGLS02	DC12-24	≤7	≥200	270-280	>99.99%	3-5	20000	29.6*26.6*131



Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Flux (L/min)	L50 (h)	Overall Dimension (mm)
ZYGLS03	12-24	≤10	≥280	270-280	>99.99%	7	20000	Φ51.5*87



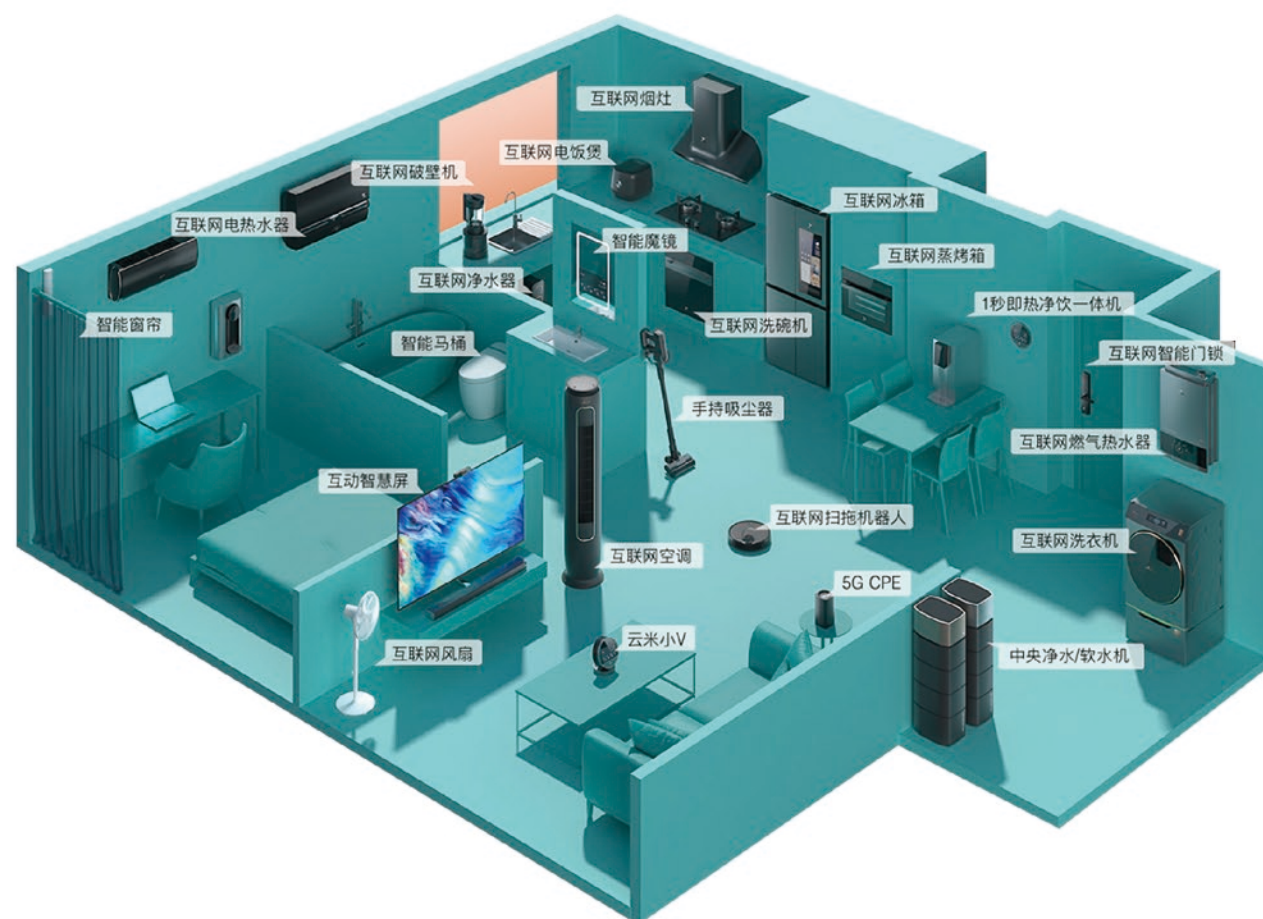
Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Flux (L/min)	L50 (h)	Overall Dimension (mm)
ZYGLS05	AC85-265	≤15	≥500	270-280	>99.99%	8-10	20000	Φ57*161

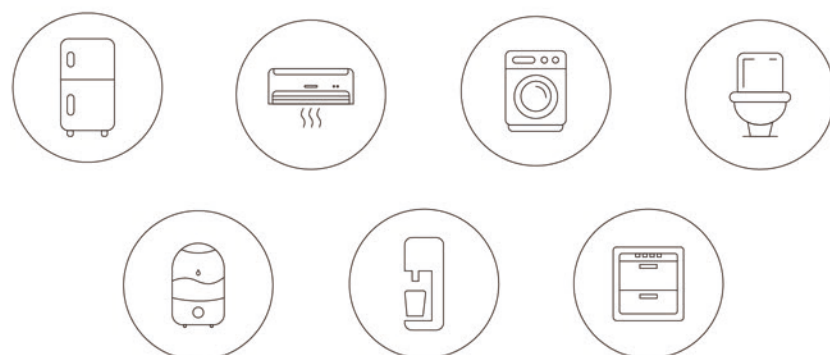


Technical Specifications

Product Number	Voltage (V)	Power (W)	Optical Power (mW)	Wave Length (nm)	Sterilizing Rate	Flux (L/min)	L50 (h)	Overall Dimension (mm)
ZYGLS01	AC85-265	≤25	≥900	270-280	>99.99%	10-20	20000	Φ79*247.5



The need for sterilization is ubiquitous in household appliances



PARTNER

美的 Midea

Haier

GREE

AUX 奥克斯

TCL

SKYWORTH 创维

LittleSwan

CHANGHONG 长虹

FOTILE 方太 因爱伟大

valti 華帝

九牧 JOMOO

云米

米家 mijia

morphy richards smart Ideas for your home

Bear 小熊

bewinch 碧云泉

HUAWEI



More cases...

