

G-COMIN

Innovative LED Light Manufacturer

CAUTION



High intensity
ultraviolet light.
Avoid eye & skin
exposure.
Wear proper eye &
skin protection.

4BAY PURIFICATION LIGHT

SHENZHEN COMING TECHNOLOGY CO.,LTD

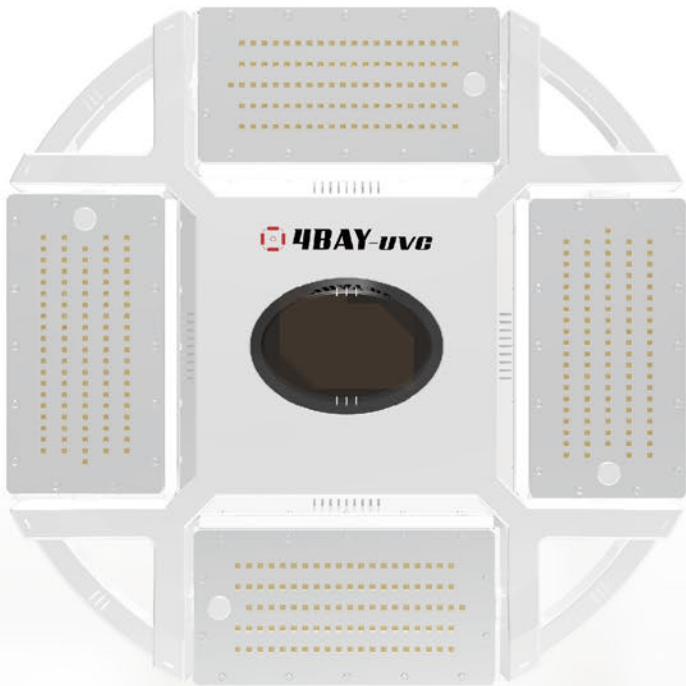
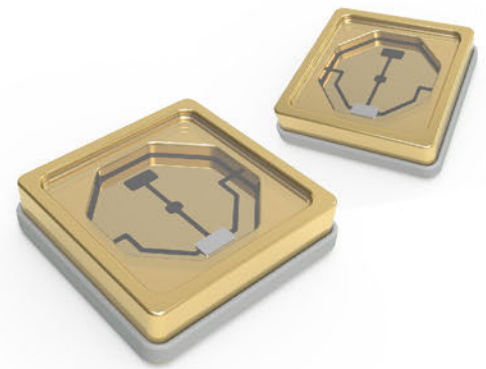
Tel: +86-755-28462760

Web: www.co-ming-com

E-mail: info@co-ming.com

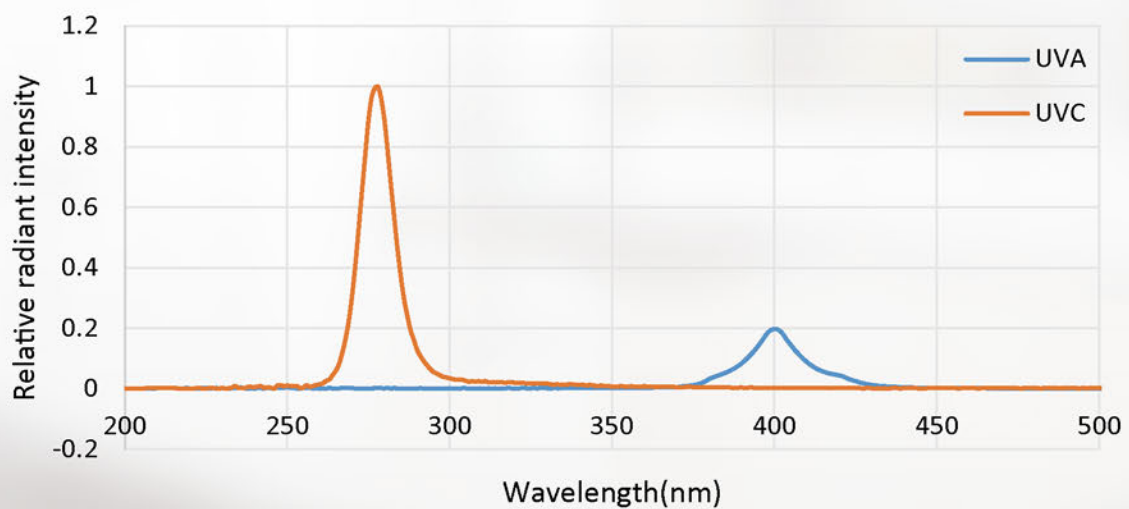
(ES) Equipements Scientifiques SA - Département Bio-Tests & Industries - 127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 90 - Fax. 01 47 01 16 22 - e-mail: bio@es-france.com - Site Web: www.es-france.com

Parameters



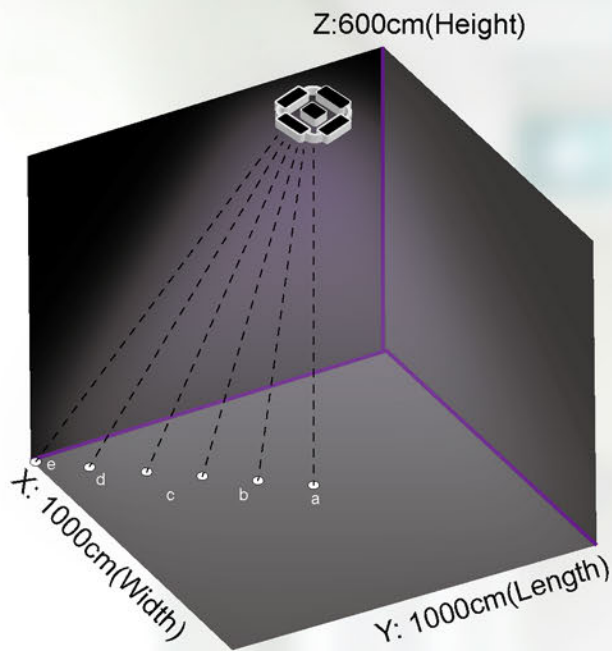
WATTAGE	200W
DRIVER	MEANWELL
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
HEAT SINK	ALUMINIUM COOLING FIN ALUMINIUM RIVET
OPERATING TEMP	-40 °C ~40 °C

Spectrum

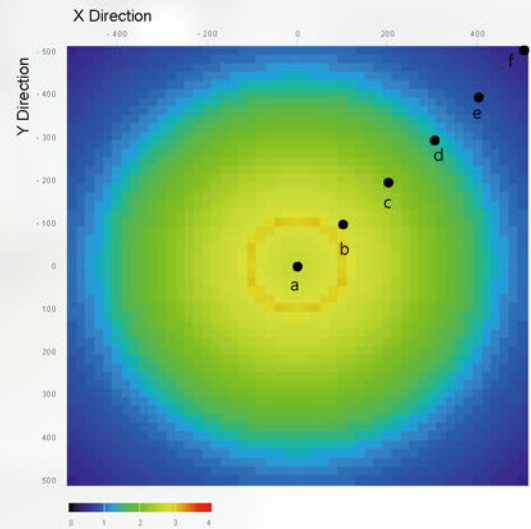


UVC Three-dimensional light field simulation

Size: 1000x1000x600cm

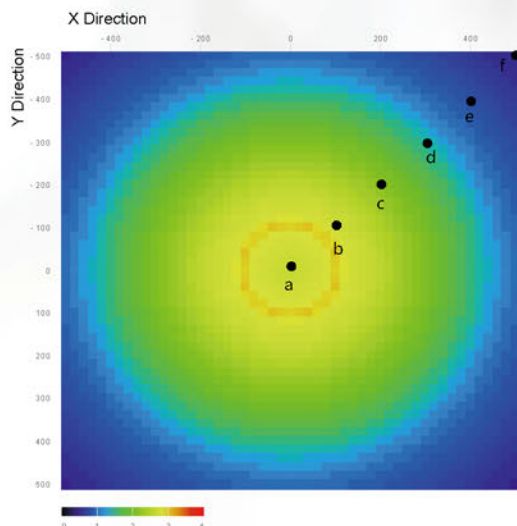


Time: 30min



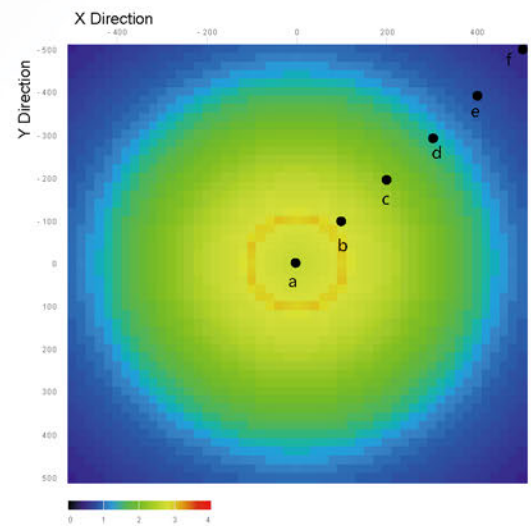
	Position(X,Y)	Sterilization rate
a	0, 0	96.0189%
b	100, -100	96.8377%
c	200, -200	93.6904%
d	300 -300	84.1511%
e	400, -400	68.3772%
f	500, -500	49.8813%

Time: 60min



	Position(X,Y)	Sterilization rate
a	0, 0	99.8415%
b	100, -100	99.9000%
c	200, -200	99.6019%
d	300 -300	96.8377%
e	400, -400	87.4107%
f	500, -500	68.3772%

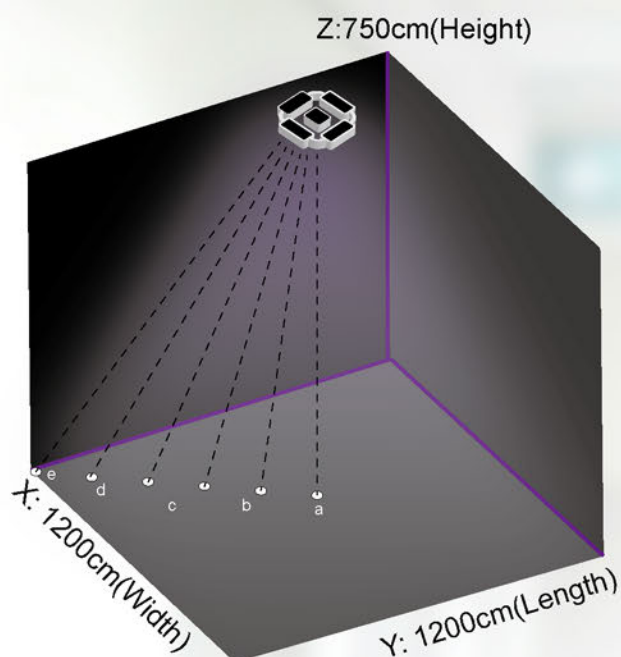
Time: 120min



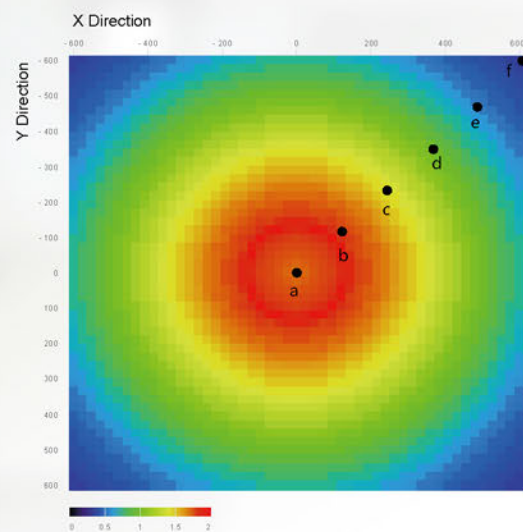
	Position(X,Y)	Sterilization rate
a	0, 0	99.9998%
b	100, -100	99.9999%
c	200, -200	99.9980%
d	300 -300	99.9000%
e	400, -400	98.4151%
f	500, -500	90.0000%

UVC Three-dimensional light field simulation

Size:1200x1200x750cm

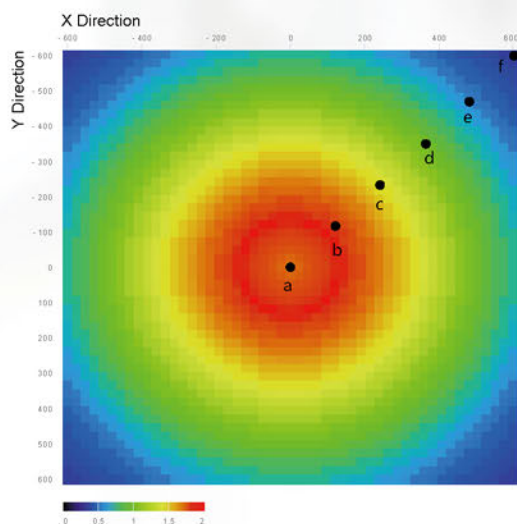


Time:60min



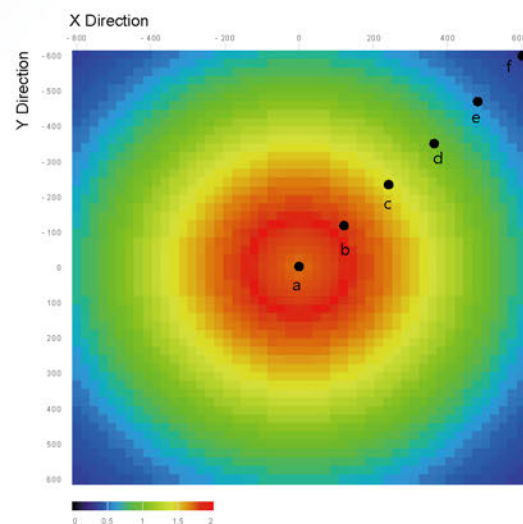
	Position(X,Y)	Sterilization rate
a	0, 0	98.4151%
b	120, -120	98.7411%
c	240, -240	97.4881%
d	360, -360	90.0000%
e	480, -480	74.8811%
f	600, -600	60.1893%

Time:120min



	Position(X,Y)	Sterilization rate
a	0, 0	99.9749%
b	120, -120	99.9874%
c	240, -240	99.9206%
d	360, -360	99.2057%
e	480, -480	93.6904%
f	600, -600	80.0474%

Time:180min



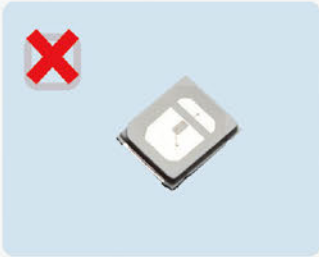
	Position(X,Y)	Sterilization rate
a	0, 0	99.9997%
b	120, -120	99.9998%
c	240, -240	99.9980%
d	360, -360	99.9206%
e	480, -480	98.4157%
f	600, -600	92.0567%

Ultraviolet C

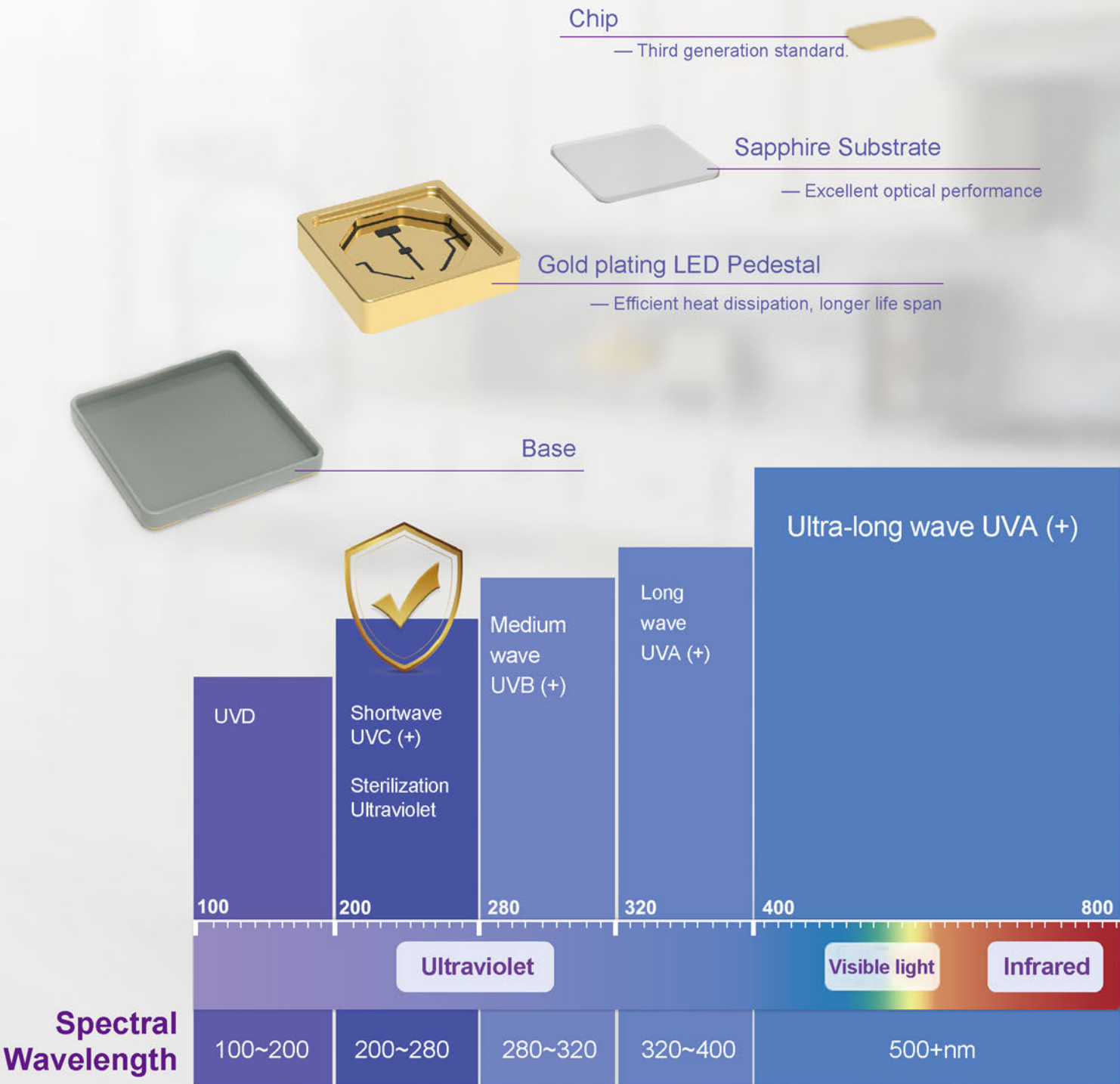
'The Truly Effective Purification Wavelength'



200-280nm. The non visible precision UVC chip used in this product.



390-400nm. The purple visible UVA chip used in imitation pseudo products with no purification properties.





UVC

*The spectrum wavelength of the 4Bay lamp purification module.
An instant, invisible, effective bacteria exterminator.*

UVA and UVB

*The lower spectrum wavelength of regular UV light.
Not adequate or capable for bacilli eradication.*

HOW UVC WORKS?

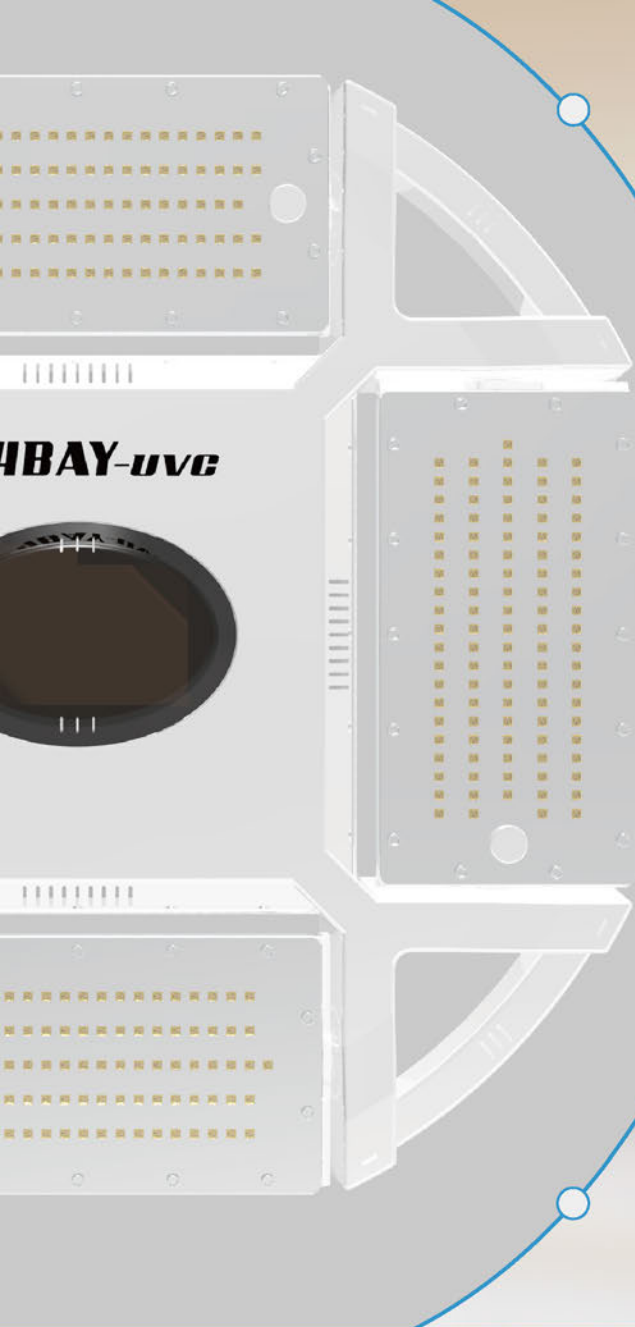
Ultra-Violet (UV) light is invisible to human eyes. It can be subdivided into three categories: UVA, UVB and UVC. UV-A from 315 to 400 nm UV-B from 280 to 315 nm UV-C from 200 to 280 nm.

UVC radiation is known to break the DNA of bacteria, viruses and spores. As a result, they are rendered harmless.

UV radiation can be used for multiple purposes in water and air treatment, but is primarily employed as a disinfection process that inactivates micro-organisms without chemicals. For other applications, UV is used for the removal of organic and inorganic chemicals, including chlorine, chloramines, ozone and Total Organic Carbon (TOC) emerging contaminants.

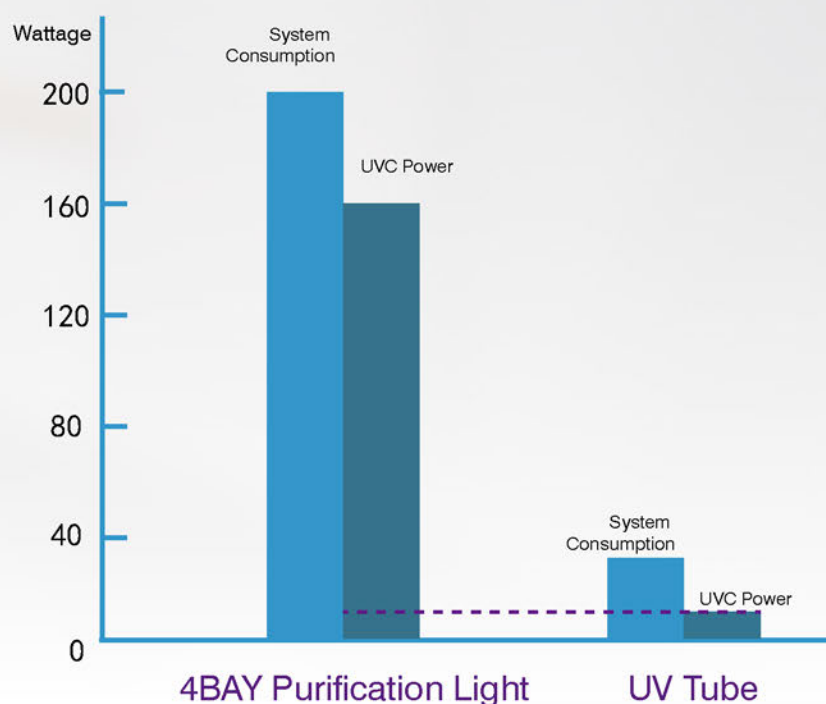
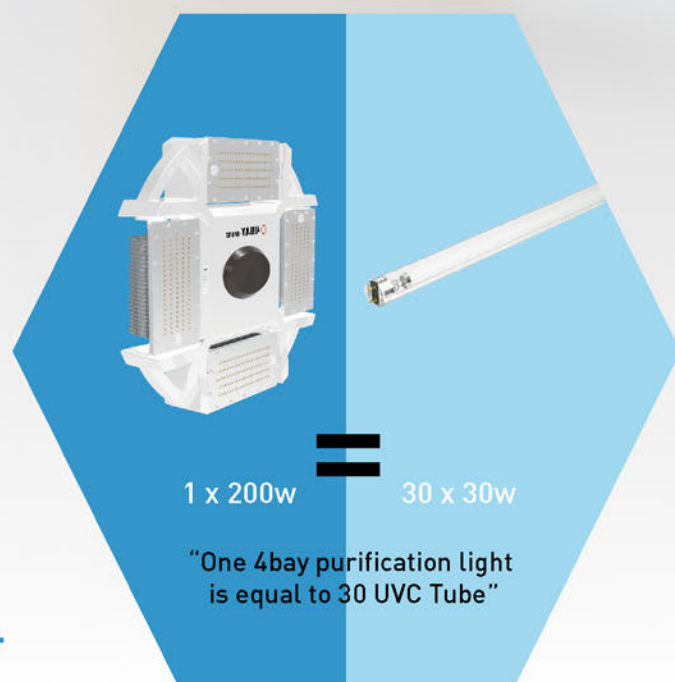
UVC radiation has been proven to be effective against waterborne pathogenic microorganisms including those responsible for cholera, hepatitis, polio, typhoid, giardia, cryptosporidium and many other bacterial, viral and parasitic diseases.

UVC disinfection is complementary to Chlorine disinfection: it deactivates organisms that are resistant to Chlorine such as giardia and cryptosporidium.



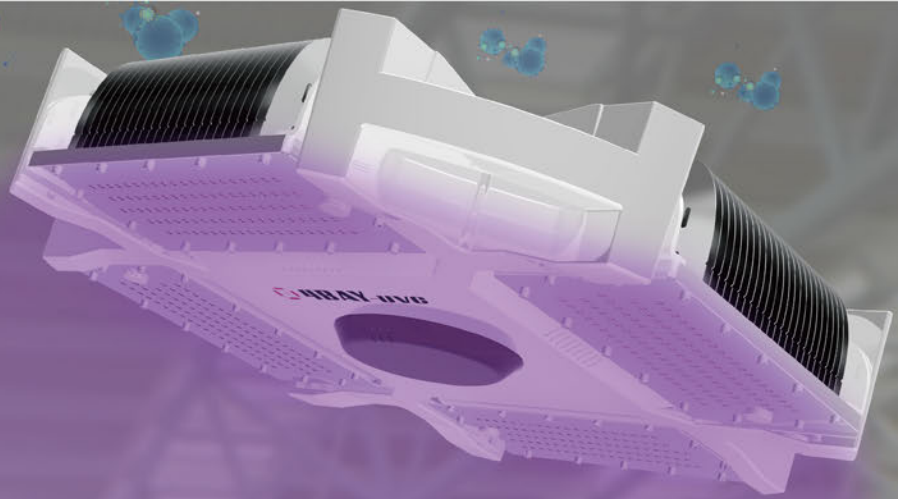
4BAY-uvc

- Minimal additional spend with lower operational costs than regular gas fluorescent lighting
- 8+ 8 times UVC output & 5 times life span than UV tube
- Intelligent controls detection controls protects workforce from any harmful UVC radiation dosage
- No additional installation except the 4Bay lamp itself, easy to operate and maintain
- No Mercury & Ozone emissions during operation together with no 'end of life' disposal issues
- Keep the operation area under lights clean from pathogenic bacteria
- In built safeguards against exposure. Silent potent disinfection providing assured peace of mind

1 x 200w = 30 x 30w

"One 4bay purification light is equal to 30 UVC Tube"



Silent Guardian

In addition to all your lighting needs,
the purification module continuously
exterminates airborne bacteria.

Application



Warehouse



Stadium



Hospital



Factory



Supermarket



Station

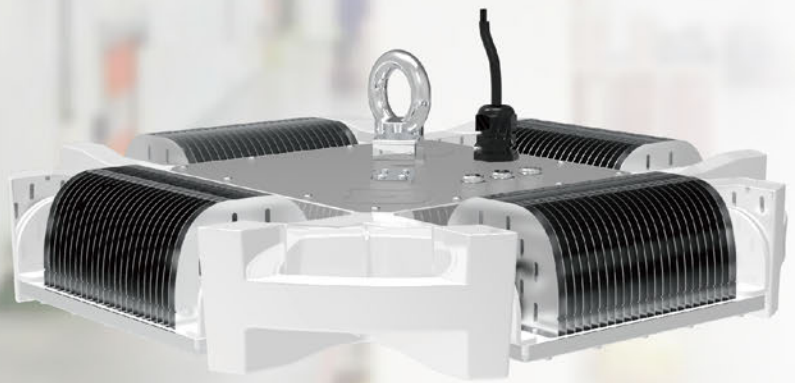


Airport



Laundry

Dual power line separate control



Manual Control

Wiring the purification module line with an individual input , either manually or remotely by BMS to turn on when disinfection is required.

* Purification module must not be used if personnel are present.

