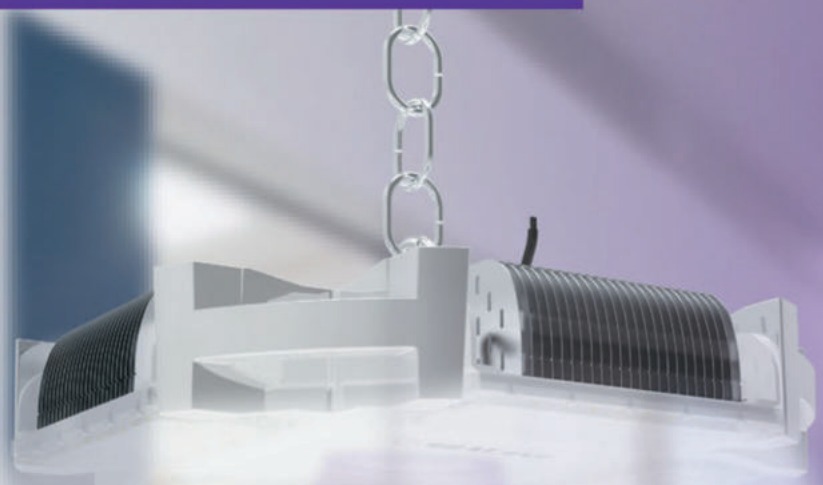
Innovative LED Light Manufacturer



4BAY HIGH BAY LIGHT

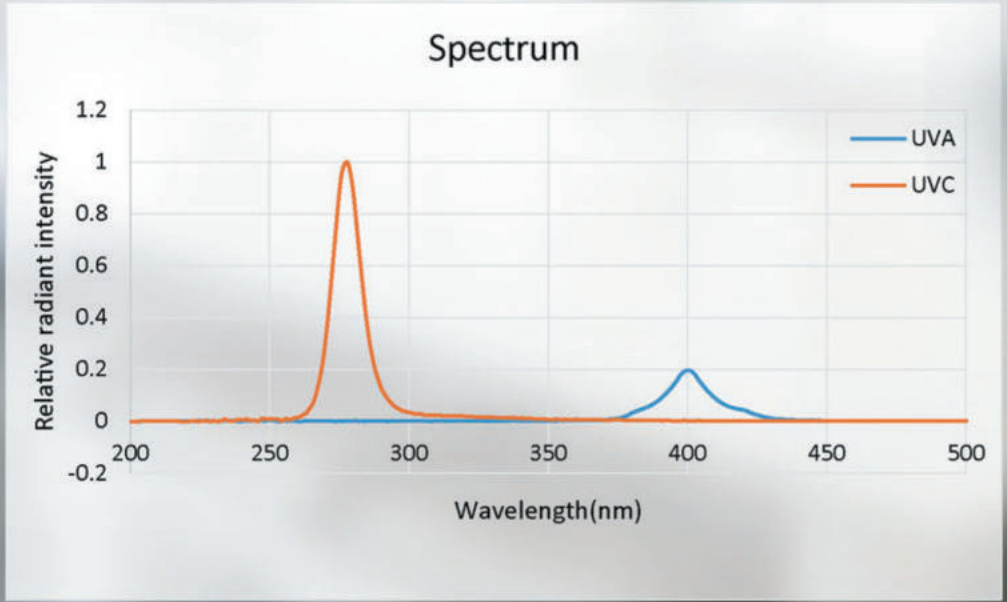
Purification Module

Parameters

WATTAGE	100/150/200/240W
DRIVER	MEANWELL
LAMP EFFICIENCY	150LM/W±5%
LIGHT SOURCE	LUMILEDS
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	60°/120°
HEAT SINK	ALUMINIUM COOLING FIN
	ALUMINIUM RIVET
OPERATING TEMP	-40℃~60℃

Purification Module

WATTAGE	10/15W
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz



Ultraviolet C
Truly Effective Purification Wavelength

200-280nm, precise (not precisely) UVC chip we're using.

390-400nm purple chip used in imitation false pseudo product-shas no purification function.

Chip

— Third generation standard.

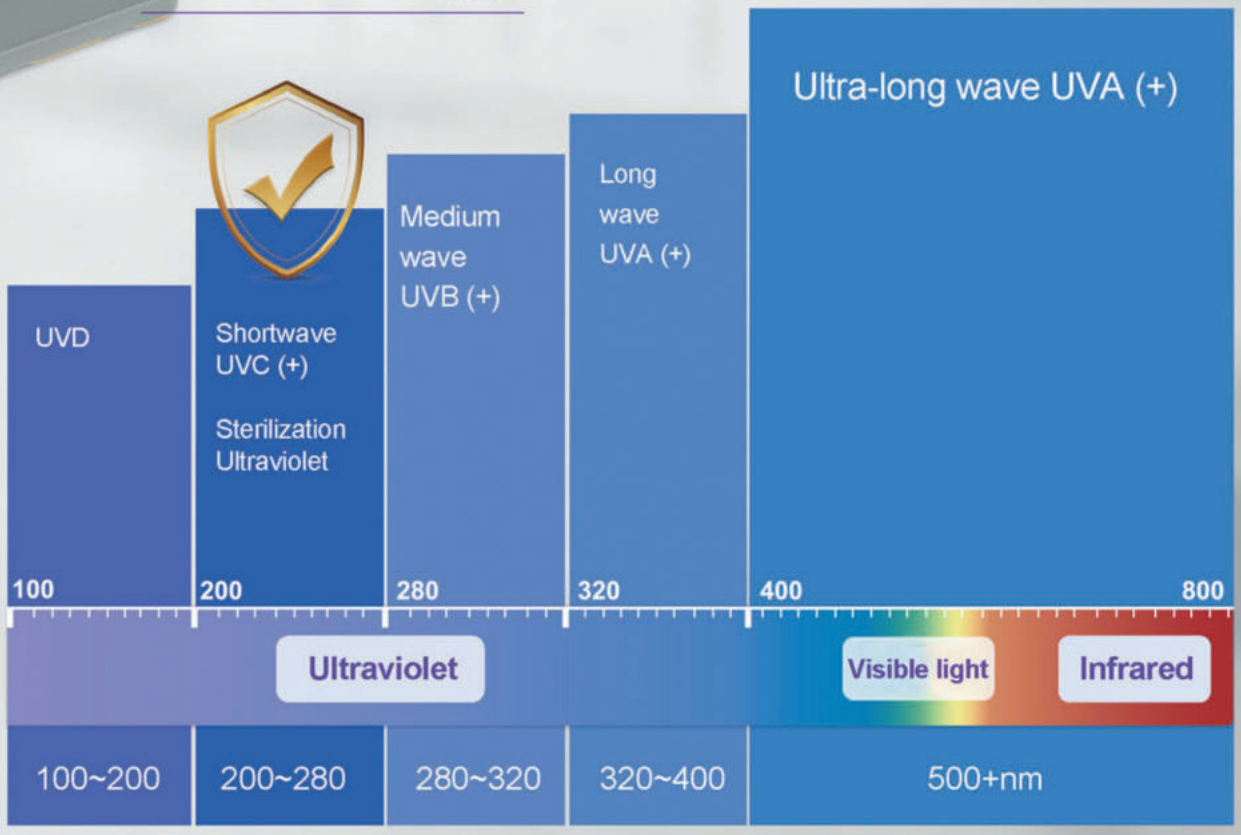
Sapphire Substrate

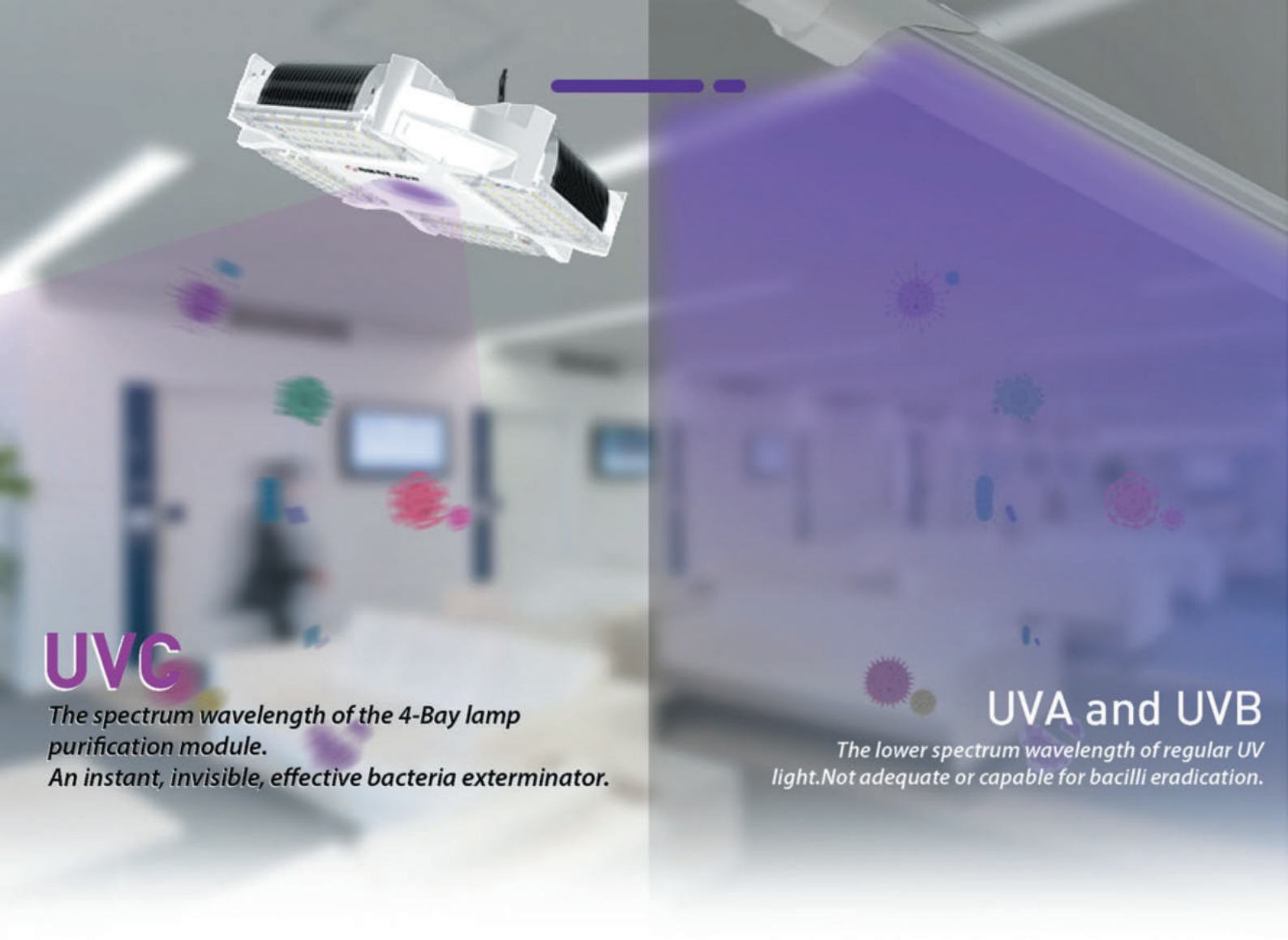
— Excellent optical performance

Gold plating LED Pedestal

— Efficient heat dissipation, longer life span

Base





UVC

The spectrum wavelength of the 4-Bay 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.

Minimal additional spend with lower operational costs than regular gas fluorescent lighting

8+ 8 times UVC output & 5 times life span than UV tube

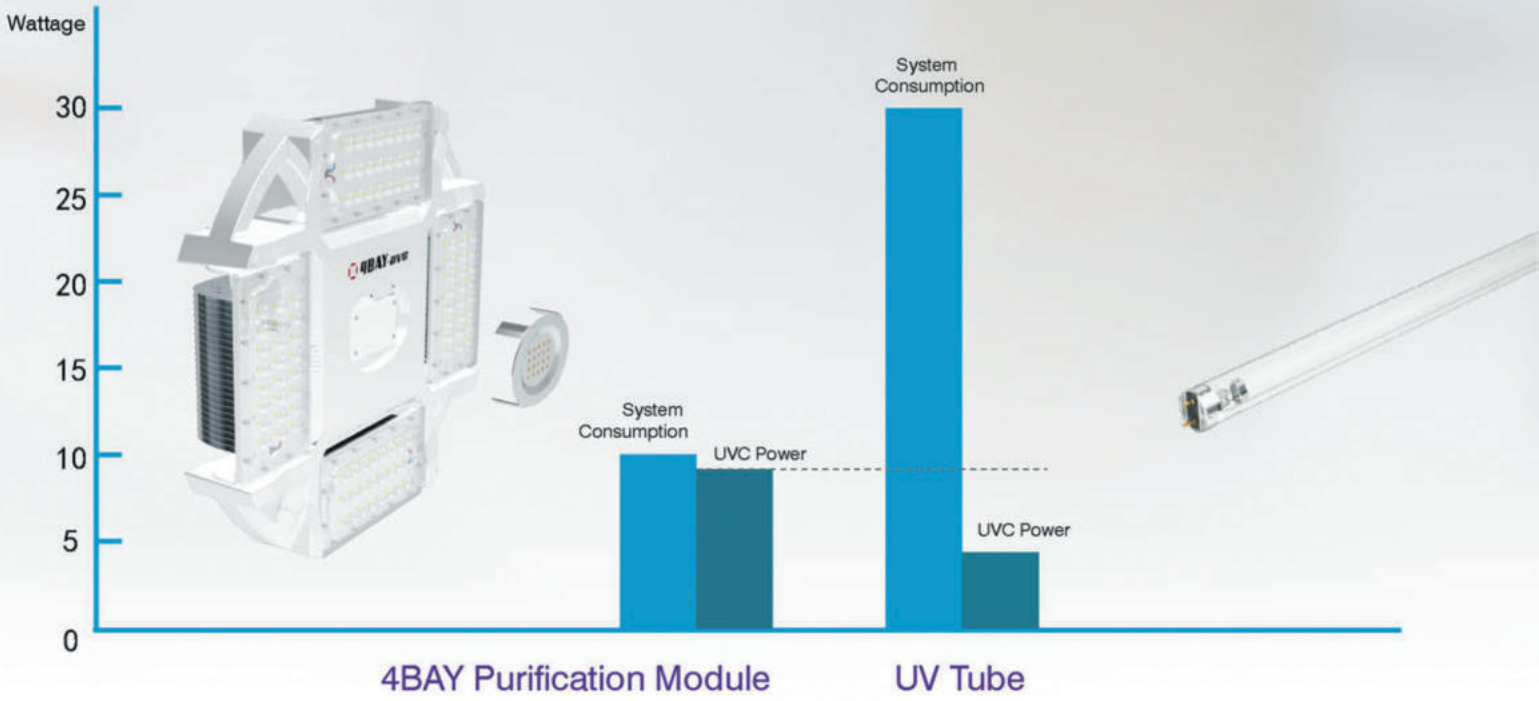
Intelligent controls detection controls protects workforce from any harmful UVC radiation dosage

No additional installation except 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.



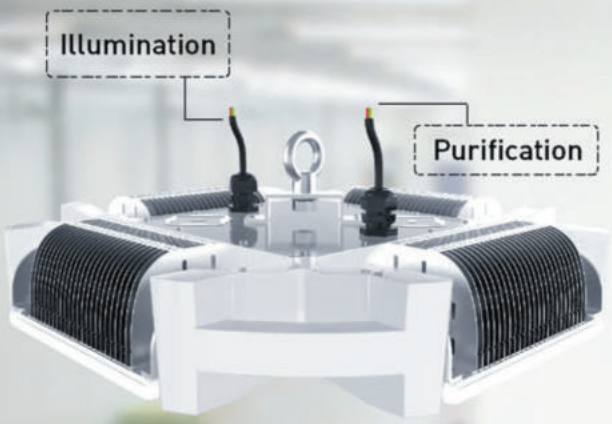
Silent Guardian

In addition to the basic lighting, the purification module continually reduce the bacteria amount in the air.

Application

Warehouse | Stadium | Hospital | Factory | Supermarket | Station | Airport | Laundry

Two line separate control

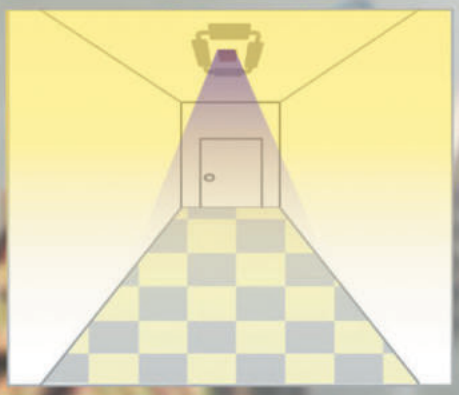


OPTION 1 - Manual Control

Wiring the purification module line with an individual switch, turn it on once you need disinfection.

* Do not turn purification module on if someone nearby.

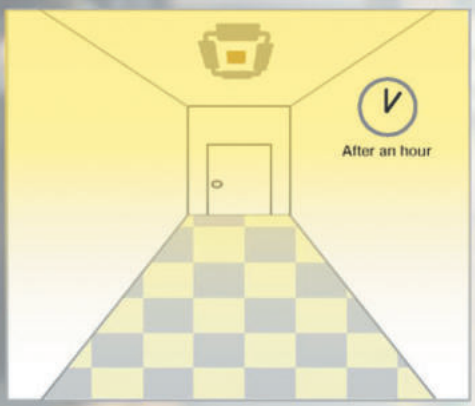
OPTION 2 - Intelligent control



1. The purification module switched on automatically by absence

2. The purification module switched off automatically detected person comes

3. The purification module switched on automatically detected no activities.



4. After 1 hours(Optional), the purification module automatically switched off