

UV LIGHT DISINFECTION SYSTEMS

JANUS

UV BULKHEAD DISINFECTION LAMP

The Janus UV Bulkhead Disinfection Lamp features a robust vandal-proof design and is designed for application in majorly high-temperature zones. The rugged built combined with heat sinks allow the disinfection lamp to have a high lifespan and require low maintenance.



PRODUCT FEATURES

- + Robust, lightweight and vandal-proof design.
- + IP66 & IK10 protection.
- + Easy to install, operate and maintain.
- + Unique design ensures a wider UV light angle for effective disinfection.

PRODUCT SPECIFICATIONS

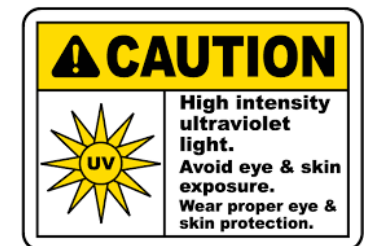
PARAMETERS	INDEX
Power	30 W (15 x 2 W), 60 W
Voltage	100 - 277 V, 50/60 Hz
Power Factor	> 0.95
Dimensions	9.84 x 4.22 x 3.30 in (For both the wattages)
Weight	5 lbs for both the wattages
Coverage Area	250 - 400 sq ft
Operating Temperature	-40 °F - 131 °F
Radiant Flux	297.6 mW (UVC)
Wavelength	260 nm
Sterilization Efficiency	>98%
Beam Angle	Asymmetric G5 (>120°)
Driving Current	100 mA
Sterilization Technology	UVC
Housing	Aluminum
Warranty	3 Years
ESD	Class 3A JESD22 -A114 -E
Thermal Resistance (J to S)	Rth JS (Junction / solder)
Options	Smart timer, Reversed motion sensor, Alarm
Life	50000 h

PARAMETERS	INDEX																																			
Applications	Office, Stadium, Hospitality, Airports Warehouse, Factory Gymnasium, Warehouse, Mining, Industrial, Tunnel																																			
Sub Applications	Stadium : Ground areas, Basketball court, Suites, Offices, Personnel Facilities Office : Conference room, Individual offices, Pantry areas, Shipping areas, Other meeting rooms, Reception area Airports : Waiting areas, Passport control, Customs and immigration, Security and safety area, Parking area Hospitality : Common walkways, business center, Rest room, Restaurants Warehouse : Reception, Loading and unloading docks, Office and customer services, Dispatch area Factory : Assembly line, Production area, Loading area, Dispatch area																																			
Sensor Options/Type of sensor	Alarm, Reversed Motion Sensor, smart Timmer																																			
Installation	Ceiling Installation, Suspension Installation, wall Installation																																			
Safety	Reversed motion sensor(to protect human from burning to working UVC light is necessary, when people left, after 30s, UVC resume to work) and Alarm to remind people next to UVC disinfection lamp to stay away, keep a safe distance																																			
Usage Description	Especially designed for ensuring safety against disease causing elements of people working in high-temperature zones																																			
Area covered in X mins/hours	<table border="1"> <thead> <tr> <th></th> <th>200W</th> <th>150W</th> <th>100W</th> <th>50W</th> </tr> </thead> <tbody> <tr> <td>165 sqft</td> <td>40 min</td> <td>55 min</td> <td>80 min</td> <td>160 min</td> </tr> <tr> <td>232 sqft</td> <td>65 min</td> <td>85 min</td> <td>130 min</td> <td>250 min</td> </tr> <tr> <td>368 sqft</td> <td>85 min</td> <td>115 min</td> <td>170 min</td> <td>330 min</td> </tr> <tr> <td>482 sqft</td> <td>120 min</td> <td>160 min</td> <td>240 min</td> <td>480 min</td> </tr> <tr> <td>584 sqft</td> <td>130 min</td> <td>170 min</td> <td>260 min</td> <td>530 min</td> </tr> <tr> <td>678 sqft</td> <td>150 min</td> <td>200 min</td> <td>300 min</td> <td>570 min</td> </tr> </tbody> </table>		200W	150W	100W	50W	165 sqft	40 min	55 min	80 min	160 min	232 sqft	65 min	85 min	130 min	250 min	368 sqft	85 min	115 min	170 min	330 min	482 sqft	120 min	160 min	240 min	480 min	584 sqft	130 min	170 min	260 min	530 min	678 sqft	150 min	200 min	300 min	570 min
	200W	150W	100W	50W																																
165 sqft	40 min	55 min	80 min	160 min																																
232 sqft	65 min	85 min	130 min	250 min																																
368 sqft	85 min	115 min	170 min	330 min																																
482 sqft	120 min	160 min	240 min	480 min																																
584 sqft	130 min	170 min	260 min	530 min																																
678 sqft	150 min	200 min	300 min	570 min																																

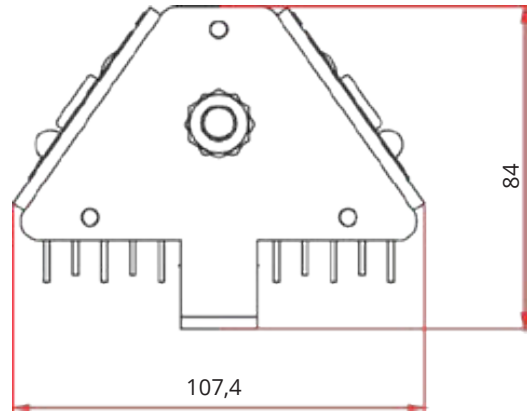
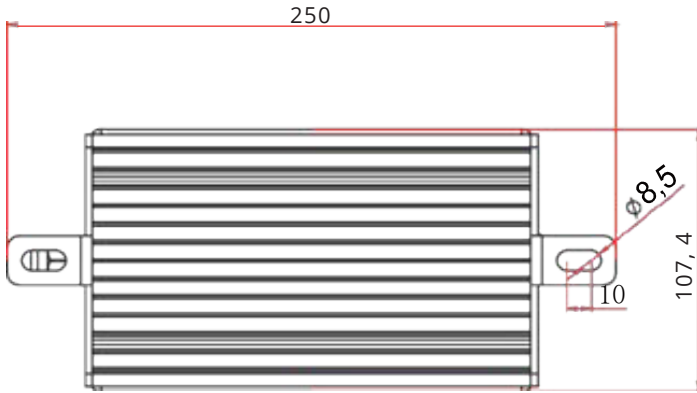
HUMANS AND UV

When it comes to the usage of UV (UVC+UVA) as a disinfection technology, it is important to be mindful of the following safety guidelines:

- According to FDA guidelines, UV units should always be installed properly by trusted professionals and used by trained individuals only to avoid any risk.
- Before starting the UV disinfection process make sure the room or the desired area is empty.
- If personnel have to present at the site, the use of personal protective equipment (PPE) is recommended to protect their eyes and skin from any possible risk.
- Never look directly at a UVC or UVA lamp, even briefly.
- While excessive exposure to UV can result in damage to the eyes (keratitis and conjunctivitis) and the skin (erythema), most such symptoms usually resolve within 24 to 48 hours. Most of the UVC gets absorbed by the outer dead layer of the human skin that minimizes the risk.
- According to CDC and NIOSH, for UVC at wavelength 253.7 nm, the recommended exposure limit (REL) is 6 mJ/cm² for a daily 8-hour work shift.
- Prolonged exposure to UV can cause photo degradation of organic and synthetic materials such as plastic, polymers and dyed textile.
- Some UVC and UVA lamps contain mercury that is toxic even in small quantities. Hence, extreme caution is required when such lamps break to either clean them or to dispose them.
- Hang a warning sign outside the room while UV cycle is running.
- Use UV devices with wireless control systems as much as possible.



PRODUCT DIMENSIONS



ORDERING INFORMATION

SKU	Product Codes
662187548937	AX-JANUS-SD-UV-FX-0030W
662187547657	AX-JANUS-SD-UV-FX-0060W
AX - Axenic	
JANUS	
SD - Surface Disinfection	
UV - Ultra Violet Light	
FX - Fixed Fixture	
XXXXW - Wattage	