

UV LIGHT DISINFECTION SYSTEMS

DURANEX

LED UVC DISINFECTION BAR

The Duranex Disinfection Bar is an LED UVC sterilization device. It features a 260 nm wavelength for optimal germicidal properties. It kills molds, bacteria, germs, and viruses in its area of application without producing any VOCs.



PRODUCT FEATURES

- No VOCs produced
- Kills Molds & Bacteria
- Energy-efficient
- Thermal Resistance

APPLICATION AREAS

Schools, Colleges, Universities,
Factories, Hospitals, Hotels.

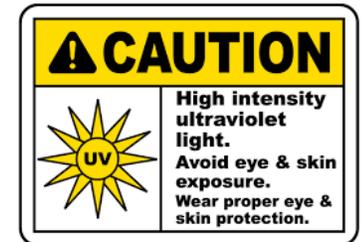
PRODUCT SPECIFICATIONS

PARAMETERS	INDEX
Power	30 W, 50 W
Voltage	110 - 277 V, 50/60 Hz
Dimensions	23.62 x 1.57 x 2.95 in (30 W), 39.37 x 1.57 x 2.95 in (50 W)
Weight	7 lbs (30 W), 8 lbs (50 W)
Operating Temperature	-22 °F - 76 °F
Radiant Flux	400-600 mw (30 W), 480-720 (@ 10 mA) mw (50 W)
Wavelength	260 nm
Peak Wavelength	260 nm
Forward Voltage	30 V - 36 V
ESD	> 8 kv
Thermal Resistance (J To S)	18 Rjs
Electric Current	1500 mA
Warranty	3 Years
Life	10000 h

HUMANS AND UVC

When it comes to the usage of UVC 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 UVC 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 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 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 UVC cycle is running.
- Use UVC devices with wireless control systems as much as possible.



ORDERING INFORMATION

SKU	Product Codes
662187548845	AX-DURNX-SD-UV-PT-0050W
	AX (Axenic)
	DURNX - DURANEX
	SD - Surface Disinfection
	UV - Ultra Violet Light
	PT - Portable
	XXXXW - Wattage