

**LED UVGI (UV-C)
Surface Disinfection Solution**

The World's Disinfection Solution

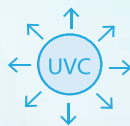
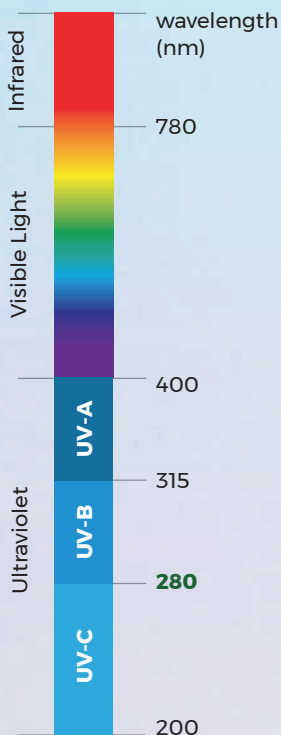
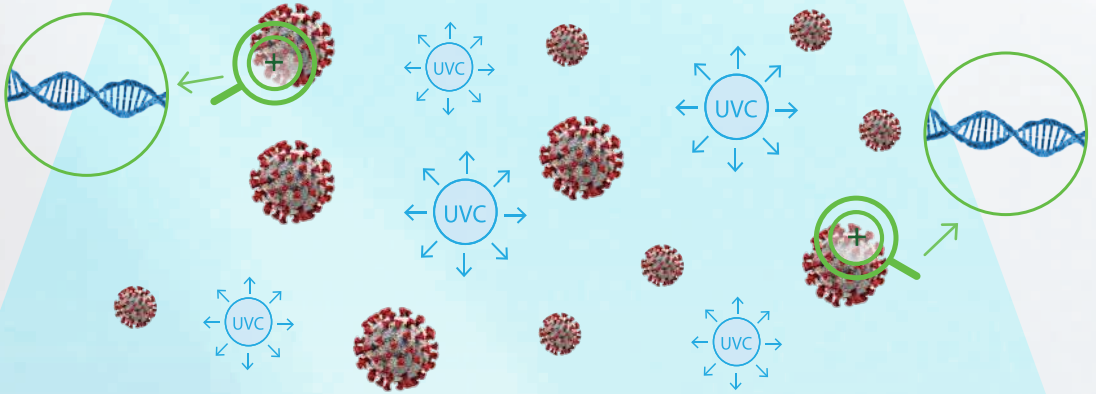


UV-C Technology

UV-C disinfection technology is a proven disinfectant against harmful viruses, bacteria, molds, and spores. UV-C LED emitting ultraviolet spectrum, which is invisible to eyes and has the power and also one of the most effective solutions capable of killing viruses and bacteria from the surface by destroying the DNA or RNA of any exposed microorganism.

Optimal Germicidal Range

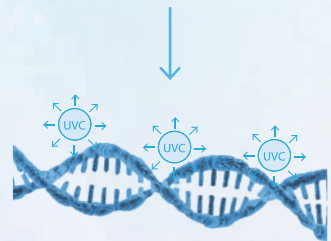
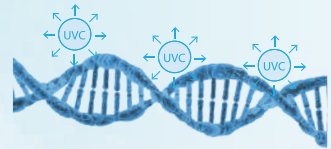
UV-C is part of the invisible ultraviolet spectrum with wavelengths in the range of 200 - 280 nanometers (nm). UV-C is the wavelength that is proven to be most effective for germicidal disinfection, with peak performance at 280 nm.



UV-C (280nm)

Ecospark LED UVGI (UV-C)
Surface Disinfection Solution

- ∅ Designed and Developed in-house.
- ∅ Patented Solution.



UV-C Light breaks DNA & RNA of microorganisms

Renders bacteria, viruses, spores and fungi unable to reproduce and infect.



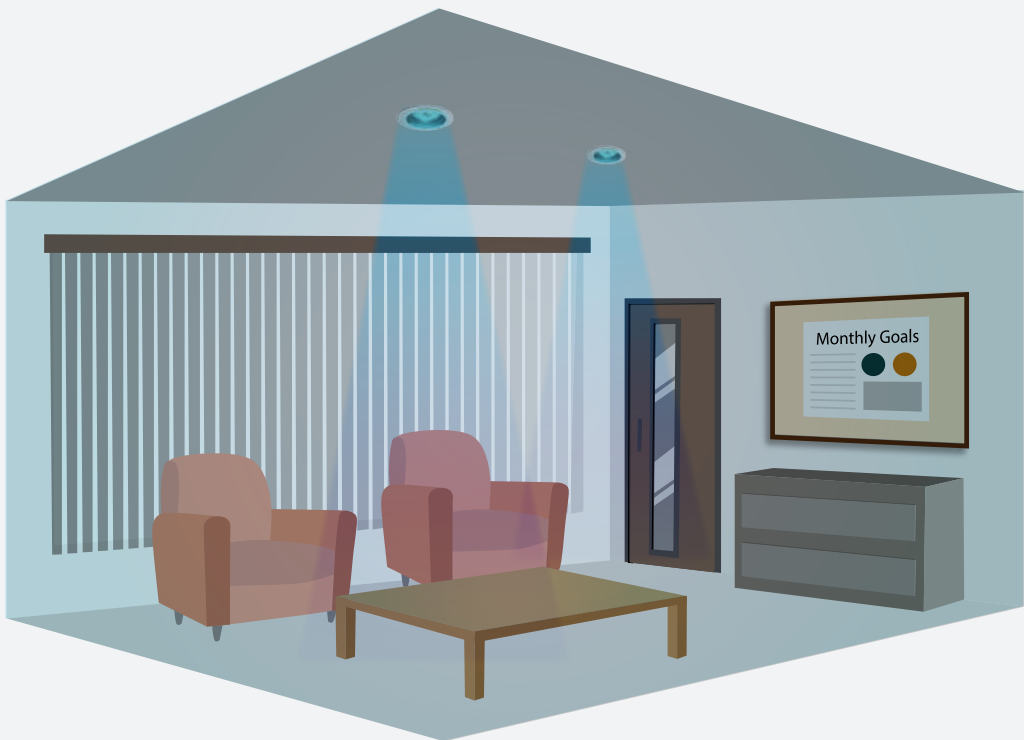
Deactivates & kills all pathogens

There are no known microorganisms that are resistant to UV-C

Ecospark's LED UVGI (UV-C) Surface Disinfection Solution

The LED UVGI (UV-C) Surface Disinfection Solution is intended to be used for surface disinfection and is suitable for a wide range of applications. Effectiveness by providing 6-log (99.9999%) disinfection with specific exposure time for a given

distance from that surface. No person should be present at the time of usage. By using crystal clear Quartz Glass as optic, it allows the highest transmission of ultraviolet radiation to reach the surface and enables optimal disinfection result.



Keep your surrounding direct sanitized and pathogen-free with Ecospark's LED UVGI (UV-C) Surface Disinfection Solution, that diligently works to disinfect your workplace, to protect you and your loved ones!



Proven effective against viruses, bacteria, molds and spores. Microorganism inactivation up to 6-log (99.9999%) reduction.



The UV-C energy and dosage at various levels can be validated with highly engineered Dosimeter Card. This visual indicator provides a strong assurance that surface disinfection has been performed efficiently.

Where It Needs To Be

Ecosparks LED UVGI (UV-C) Surface Disinfection Solution can be used to disinfect surfaces and objects in a wide range of applications. These include fitness centres, hospitals, education centres, washrooms, offices, shopping malls, dormitories and etc.



Education Centers



Offices



Dormitories



Fitness Centers



Hospitals



Restaurants



Hotels



Shopping Malls

FAST, SAFE, EFFECTIVE



Bacteria & Virus Elimination



Reliable Disinfection



Environmentally Friendly



Non-Irritant to Skin



Non-Toxic



Non-Flammable



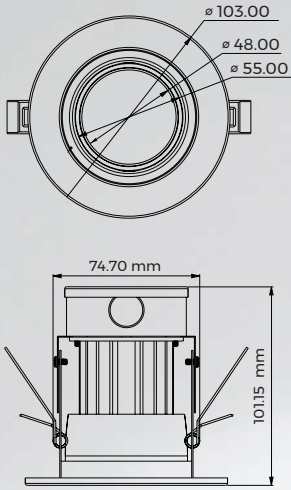
Operational Ease



Safe

2.5 inch

UVGI Downlight



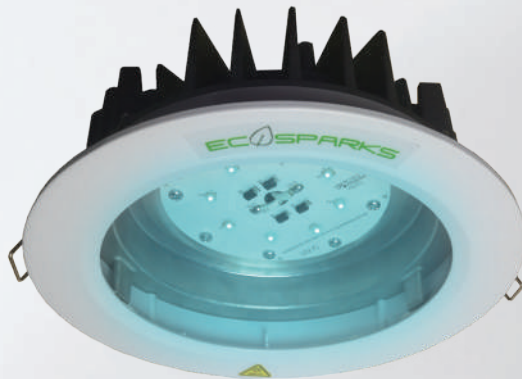
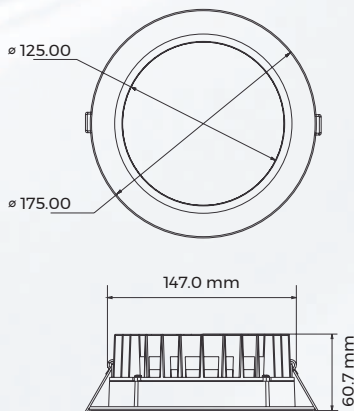
Model Code	E80R-UVGI-8-280-115G
Input Voltage	12VDC
Input Power	8W
UV-C Wavelength	280nm
Radiant Flux	280mW
Irradiance @ 1m	7.8 μ W/cm ²
Operating Temp.	20°C ~ 40°C
Dimension	103mm x 102mm
Weight	350 gram
Glass Type	Quartz Glass
Housing Material	Aluminium
Heat Sink	Extrusion Aluminum
IP Protection	IP20



* All specification and technical parameters of the products provided in this brochure are for reference only. Content will be renewed periodically. For detail, please contact our sales teams.

6 inch

UVGI Downlight



Model Code	E150R-UVGI-8-280-115G	E150R-UVGI-15-280-115G
Input Voltage	12VDC	24VDC
Input Power	8W	15W
UV-C Wavelength	280nm	280nm
Radiant Flux	280mW	560mW
Irradiance @ 1m	7.8 μ W/cm ²	15.5 μ W/cm ²
Operating Temp.	20°C ~ 40°C	20°C ~ 40°C
Dimension	147mm x 60.7mm	147mm x 60.7mm
Weight	480 - 560 gram	480 - 560 gram
Glass Type	Quartz Glass	Quartz Glass
Housing Material	Aluminium	Aluminium
Heat Sink	Die-cast	Die-cast
IP Protection	IP20	IP20

8
Watts

15
Watts

IP20


UV-C


Indoor

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