

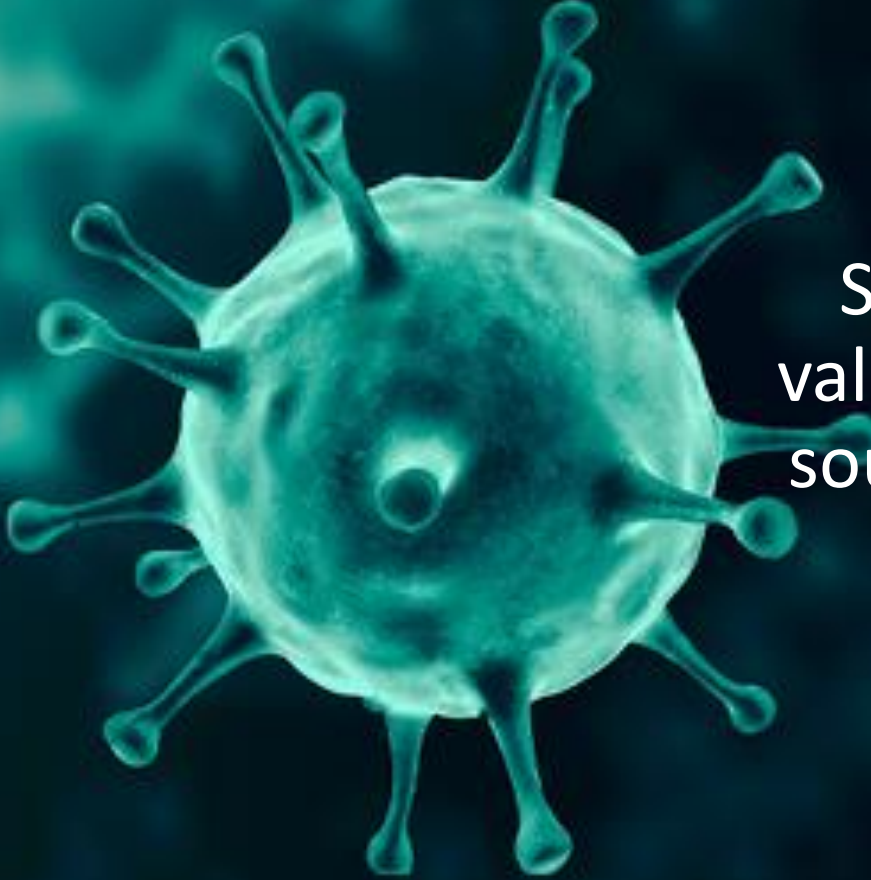


LATEST NEWS

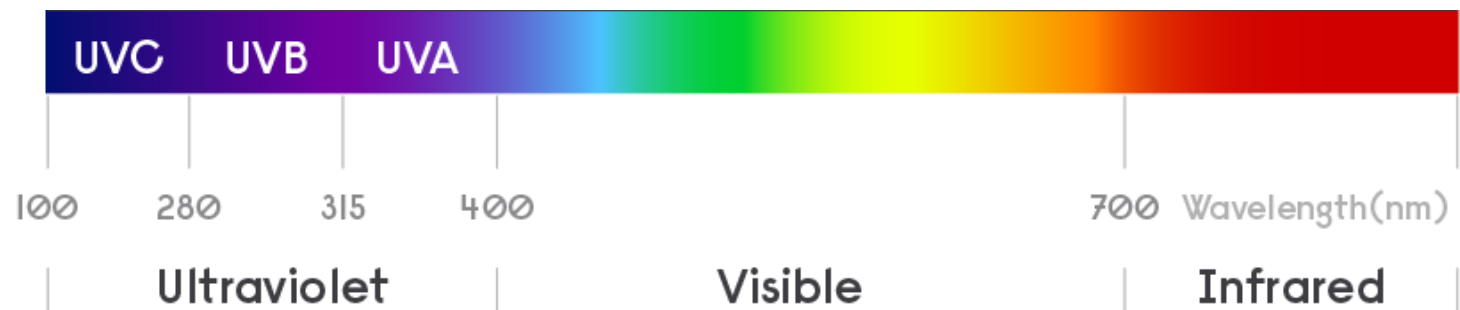


Signify and Boston University have validated the effectiveness of our light sources on **inactivating the virus that causes COVID-19**

What is UV radiation?

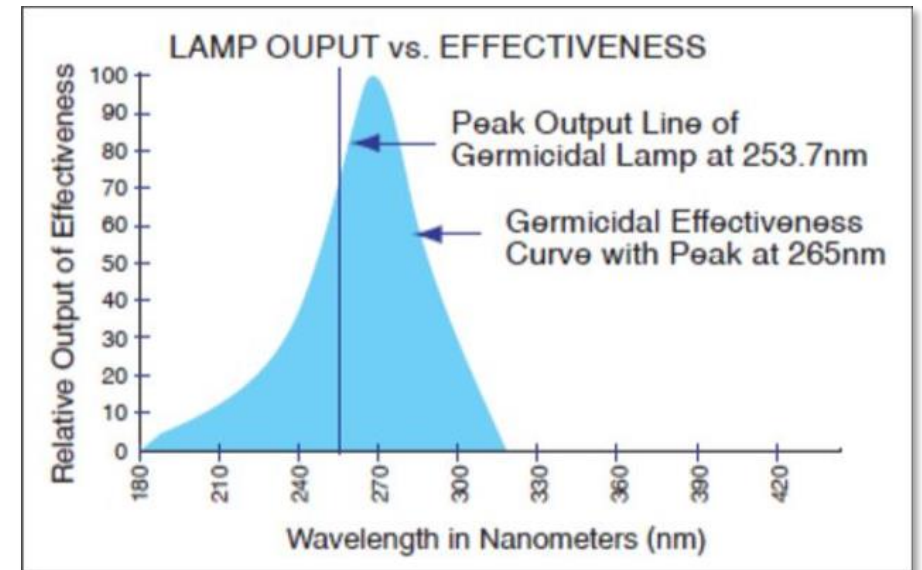
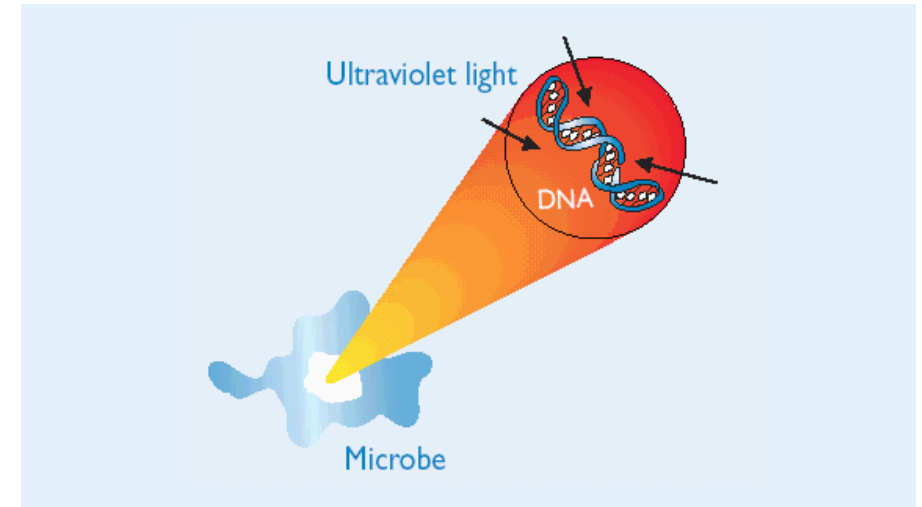
Ultraviolet (UV) light is invisible to human eyes. It can be subdivided into three categories:

UV-C from 200 to 280 nm	UV-B from 280 to 315 nm	UV-A from 315 to 400 nm
<ul style="list-style-type: none">For disinfection purposes and germicidal application	<ul style="list-style-type: none">For medical use (i.e. phototherapy to treat skin conditions, including psoriasis)	<ul style="list-style-type: none">For use with curing, tanning and insect traps.



How does it work?

- UV-C radiation can **break the DNA and RNA** of bacteria, viruses and spores, meaning that they leave them harmless. There are **no known micro-organisms resistant** to UVC.¹
- UV-C technology has been used **safely and effectively** in hospitals and governmental buildings for more than **40 years**²
- Most UV-C solutions **utilize conventional lighting**, with LED now improving in efficiency
- The **peak output of our germicidal lamps (253.7nm)** is close (80-85%) to the maximum effectiveness of UV-C (265nm)
- Smaller UV-C wavelengths (222nm) are being explored as less harmful alternatives



¹ Fluence (UV Dose) Required to Achieve Incremental Log Inactivation of Bacteria, Protozoa, Viruses and Algae Revised, updated and expanded by Adel Haji Malayeri, Madjid Mohseni, Bill Cairns and James R. Bolton. With earlier contributions by Gabriel Chevretils (2006) and Eric Caron (2006) With peer review by Benoit Barbeau, Harold Wright (1999) and Karl G. Linden

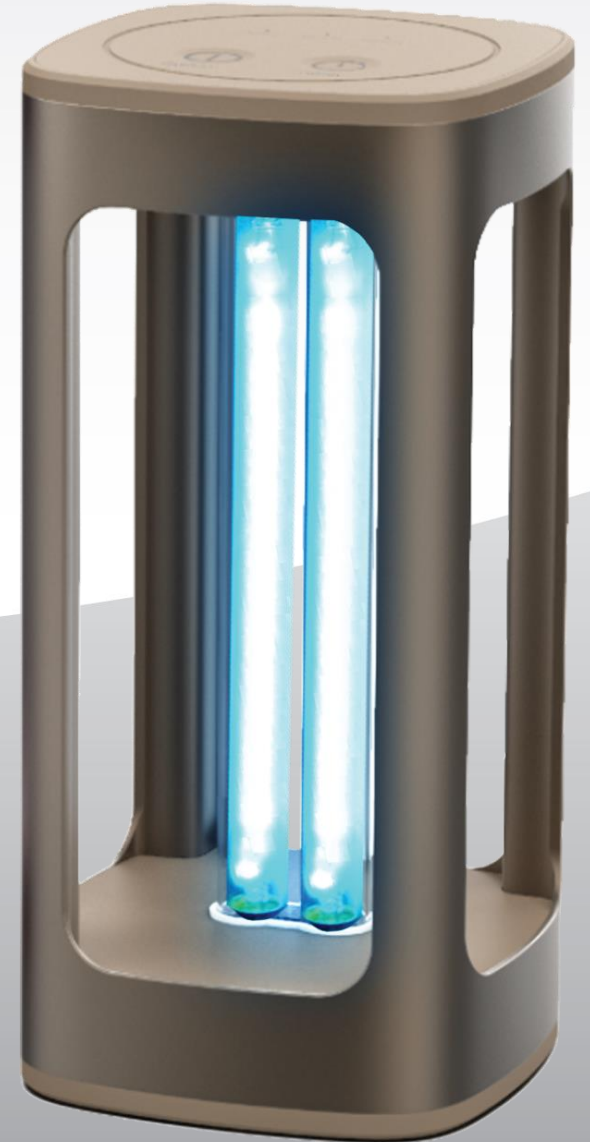
²EPA Report, "Building Retrofits for Increased Protection Against Airborne Chemical and Biological Releases" Pg. 56

PHILIPS

UV-C Appliances

UV-C Disinfection Desk Lamp

Safe and easy to use, for cost effective and sustainable disinfection of objects



Application

- Home usage, living room, bedroom, storage room, small lobby, small working room

Usage

- Coverage of small areas and rooms up to 25sqm

PHILIPS

UV-C Appliances

UV-C Disinfection Desk Lamp

Safe and easy to use, for cost effective and sustainable disinfection of objects

Feature

- High effective Philips UV-C lamp (254nm)
- Stylish cubic design
- Timer mode selection, 15, 30, 60 minutes duration
- Voice interaction can indicate customer to operate disinfection step by step
- Microwave sensor detect moving objects up to 3 meter distance
- Extra long power cord 2.9 meter

Benefit

- Very easy to use and operate
- No mis-use or safety risk
- Disinfected up to 99%
- Environment Friendly, no residue after or during usage

Main specification

- Champagne gold and Silver housing finish
- Lamp: Philips TUV PL-L 18W
- 220-240V, 50/60Hz



Signify