







Handheld UVC Disinfecting Light

PROJECT NAME
ORDERING #

The only handheld UVC disinfecting light that has been third-party tested, listed by the Underwriters Laboratory (UL), and registered with the EPA—and the only handheld UVC disinfecting light covered by a 5-year warranty. Made in the USA and Buy American Act compliant!

KEY SPECIFICATIONS

Input Power	34W
Input Voltage	120-277VAC
Wavelength	254 nm
Projected Lifetime	9,000 hours
Dimensions	24" x 8.625" x 8.5"
Included With Purchase	Personal Protective Equipment (PPE): gloves, face shield, and suit
Warranty	5 years (excluding bulbs)
Certification	   



ORDERING

Model Root	Unit Type	Series	Options
LLT-UVC	CHH - Commercial Handheld	NZ	BLANK - None

Safety Note: UVC radiation can cause skin burns and eye injuries that may appear hours after exposure has occurred. Avoid direct skin exposure to UVC radiation and never look directly into a UVC light source, even briefly. For protection, many UVC lamps automatically shut off when approaching motion is detected. For lamps that require an operator, such as handheld UVC sanitizers, we recommend ANSI Z87.1-1989 eye/face protection, long pants and sleeves, and disposable nitrile gloves.





Handheld UVC Disinfecting Light

PROJECT NAME
ORDERING #

PHOTOBIOLOGICAL INFO

Irradiance Results

Measurement Distance: 200 mm

Spectral Range: 200-300 nm

Hazard	Measured Value	Resulting Risk Group	Risk Group Limit Value	Time to Exposure Limit(s)
Actinic UV (mw m ⁻²)	1.68E+01	Group 1	30	1.78E+03
Near UVA (W m ⁻²)	5.55E-01	Exempt	10	1.8E+04
Blue Light Small Source (W m ⁻²)	N/A	N/A	N/A	N/A
IR Eye (W m ⁻²)	3.79E-01	Exempt	100	> 1,000
Thermal Skin (W m ⁻²)	3.46E+00	Pass	3.56E+03	> 10

Irradiance Results

Measurement Distance: 200 mm

Spectral Range: 200-300 nm

Luminance in 11 mrad: 1999202.29 cd m⁻²

Hazard	Measured Value (W sr ⁻¹ m ⁻²)	Risk Group Limit Value (W sr ⁻¹ m ⁻²)	Risk Group Tested	Pass / Fail
Blue Light Hazard 100mrad FOV	3.27E+00	100	Exempt	Pass
Blue Light Hazard 11mrad FOV	N/A	N/A	Group 1	N/A
Blue Light Hazard 1.7mrad FOV	N/A	N/A	Group 2	N/A
Retinal Thermal 11mrad FOV	3.55E+01	3.22E+05	Exempt	N/A
Retinal Thermal 1.7mrad FOV	5.64E+01	8.11E+05	Group 2	Pass
Retinal Thermal Weak Visual 35mrad FOV	N/A	N/A	Exempt	N/A
Retinal Thermal Weak Visual 11mrad FOV	N/A	N/A	Group 1	N/A