

Project Name: _____
 Series P/Ns: _____
 Prepared By: _____
 Date: _____

PRODUCT FEATURES

- ✓ EPA Registered
- ✓ IEC 62471 Photobiological Safety Tested by UL
- ✓ Quickly deactivates viruses & bacteria on surfaces
- ✓ FCC compliant with Part 15 Class A
- ✓ Environmentally safe – uses no chemicals
- ✓ Produces no ozone or other contaminants
- ✓ 5 Year, Non-prorated Warranty (excluding bulbs)
- ✓ Lamp rated for 9,000 hours
- ✓ Made In The USA, Buy American Act Compliant



PRODUCT INFO

P/N	NZGUV[®] HH-217
Description	Portable germicidal 253.7 Non-ionizing UV-C Handheld Unit
Type	Disinfecting Luminaire
EPA Registration	Reg. No. 98440-DV-1, EST. No. 98440-GA-1
UV-C Wavelength	253.7 nm
Actinic Irradiance	16.8 mJ / m ² per second at 200mm
Input Voltage	120V 50/60Hz
Dimensions	24" x 8.625" x 8.5"
Weight	5 lbs
Operating Temp.	23°F TO 100°F
Power Cord	20 Ft, 3-Prong
Lamps	(2x) NetZero USA [®] 17W 253.7 nm quartz germicidal high intensity UVC lamps with aluminum end caps and G13 sockets
Housing	Lightweight aluminum with highly reflective interior for increased germicidal intensity
Warranty	5 Years (excluding bulbs)
On/Off Safety Switch	YES
Included PPE	1 Pair UV-C Gloves, 1 UV-C Face Shield, 1 UV-C Protective Suit

PRODUCT APPROVALS

P/N	NZGUV[®] HH-217
UL Safety Tested	✓
EPA Registered	✓
UL 153 Compliant	✓
CSA C22.2 #2520.4 Compliant	✓
Mil-Spec 461F	✓
RoHS Compliant, BAA Compliant	✓
FCC Compliant, Part 15 Class A	✓



PHOTOBIOLOGICAL INFO

IRRADIANCE RESULTS

Measurement distance:
200 mm

Spectral Range:
200 - 3000 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 2	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	> 1000
Thermal Skin (W m^{-2})	3.46E+00	Pass	3.56E+03	> 10

RADIANCE RESULTS

Measurement distance:
200 mm

Spectral Range:
200 - 3000 nm

Luminance in 11 mrad:
1999202.29 cd m^{-2}

Hazard	Measured value ($\text{W sr}^{-1} \text{m}^{-2}$)	Risk group limit value ($\text{W sr}^{-1} \text{m}^{-2}$)	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+05	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

PRODUCT WARNINGS

To guard against damage, observe manufacturer's instruction and basic safety precautions including wearing recommended protective gear when operating and handling the unit. This includes UV glasses, goggles or face shield, gloves, and clothing. Read and follow all instructions, warnings and safety instructions. Do not expose eyes and skin to direct or reflected UV-C rays.

LAMP REPLACEMENT

For optimum performance, replace UVC lamps after 9,000 hours of operation or one year of operation. Contact NetZero USA[®] for appropriate lamp replacements.

UNIT HOUSING



UNIT UNDERSIDE



UNIT LAMPS

