

PRODUCT FEATURES

- ✓ UL Certified, EPA Registered
- ✓ IEC 62471 Photobiological Safety Tested by UL
- ✓ FCC compliant with Part 15 Class A
- ✓ Environmentally safe – uses no chemicals
- ✓ Deactivates airborne viruses & bacteria
- ✓ Designed to operate 24/7 in occupied spaces
- ✓ Produces no ozone or other contaminants
- ✓ Lamp rated for 9,000 hours



PRODUCT INFO

P/N	UR-140
Description	Germicidal 253.7 Non-Ionizing UV-C Upper-room Unit
Type	Disinfecting Luminaire
EPA Registration	Reg. No. 98440-DV-2, EST. No. 98440-GA-1
UV-C Wavelength	253.7 nm
Actinic Irradiance	16.8 mJ / m2 per second at 200mm
Beam Angle	180° Horizontally, 35° Vertically
Input Voltage	120V 50/60Hz
Dimensions	48" W x 5" H x 8.6875" D
Weight	10 lbs
Operating Temp.	23°F TO 100°F
Power Cord	Hard-wired
Lamps	(1x) EQUALLY® 36W 253.7 nm quartz germicidal high intensity UVC lamp with aluminum end caps and G13 sockets
Housing	Lightweight aluminum with highly reflective interior for increased germicidal intensity
On/Off Safety Switch	YES

PRODUCT APPROVALS

P/N	UR-140
UL Safety Tested & Certified	✓
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 - 30000 nm

HAZARD	MEASURED VALUE	RESULTING RISK GROUP	RISK GROUP LIMIT VALUE	TIME TO EXPOSER LIMITS
Actinic UV (mW m-2)	7.13E-01	Exempt	1	> 30000
Near UVA	2.6-02	Exempt	10	> 30000
Blue Light Small Source (W m-2)	n/a	n/a	n/a	n/a
IR Eye (W m-2) 6.03E-03	6.03E-03	Exempt	100	> 1000
Thermal Skin (W m-2)	8.61E+03	Pass	3.56+03	> 10

IRRADIANCE RESULTS

Measurement Distance:
200 mm

Spectral Range:
200 - 30000 nm

Luminance in 11 mrad:
21.04 cd m-2

HAZARD	MEASURED VALUE (W sr-1 m-2)	RESULTING RISK GROUP Value (W sr-1 m-2)	RISK GROUP VALUE	Pass/Fail
Blue light hazard 100mrad FOV	1.00E+02	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	3.12E-01	2.81E+05	Exempt	Pass
Retinal Thermal 11mrad FOV	n/a	n/a	Group 2	n/a
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. Read and follow all instructions, warnings and safety instructions. Do not expose eyes and skin to direct or reflected UV-C rays.

PRODUCT WARNINGS

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

UNIT BACK



UNIT INSIDE

