

ZENER Spec Sheet



PRODUCT SPECIFICATIONS

Device name, model no.	Zener, ZEN-001-B1
Power adapter ratings	120 - 240 VAC, 0.8 A, 50/60 Hz
Device ratings	24 VDC, 0.625 A, 15 W
Minimum mounting height	2.25 m (7 ft 5 inch), ceiling surface to floor surface distance
Optimal ambient conditions	50% $\pm$ 10% relative humidity; 23°C $\pm$ 3°C (73°F $\pm$ 5°F)
Light source	Krypton chloride (Mercury-free)
Primary UV wavelengths	200 - 235 nm range, 222 nm peak
Dimensions (L x W x H)	179 x 179 x 81 mm (7 x 7 x 3.2 inch)
Weight	950 g (2.1 lbs)
Serviceability	Lamp is field replaceable
Device control	UVX web app, mobile app, or wall-mounted tablet in room
Connectivity	2.4 GHz Wi-Fi (802.11 b/g/n), Bluetooth 5
Status indicator	Multi-colored LED
Noise level	0 dBA (Zener is silent)

Exterior surface materials

Lamp glass: Quartz
Front housing: Polycarbonate
Faceplate: Polycarbonate
Back housing: Aluminum
Backplate: Stainless steel
Ceiling bracket: Polycarbonate



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REGULATORY AND CERTIFICATION LISTINGS

EPA establishment no. 04981-CAN-1

CARB executive order no. G-25-194

Intertek control no. 5033259



Meets California ozone emissions
limit: CARB certified.

COMPLIANCE

Electrical safety UL 1598
CSA C22.2 No. 250.0

Photobiological safety ANSI/CAN/UL 8802
ANSI/IES RP 27.1
ACGIH TLV-TWA, skin and eyes

Ozone safety UL 867, Section 40
CSA C22.2 No. 187, Section 7
21 CFR 801.415
ACGIH TLV-TWA, all workloads
OSHA PEL-TWA
CARB - Meets California ozone
emissions limit

Electromagnetic compatibility CISPR 11
IEC 60601-1-2
FCC Part 15 Subpart C

Performance testing AHAM AC-5
21 CFR Part 58 (FDA GLP)
ASHRAE 241 (modified for
bacteria: *Klebsiella aerogenes*)

Software and cybersecurity IEC 62304
ISO 14971