

## X Series Overhead LED UV Lamps



### Broad Area UV Lighting + User Replaceable LED Modules

Extra Large coverage area \* 365 – 370nm \* Pure UV-A + Adjustable intensity \* Module LEDs

#### Features:

- Modular LED design for easy repair
- Modular LEDs are designed to be easily changed by end user
- LED lamps are equipped with UV filters - visible light is less than 2 ft candles (10Lux)
- Mechanical twin-fan cooling to keep LEDs at low temperature for increased life
- Pure UV-A output with no UV-B or UV-C, wavelength focused at 365-370nm.
- All lamps are provided with certification report.
- Conforms to the requirements of; ASTM E 1444, E165, E1417, E3022, E3024 & RRES90061

Model	Coverage @ 15" (> 1200 uW/cm <sup>2</sup> )	Intensity at 15" (Range)
LW-365	26" x 20"	3,400 – 8,000 uW/cm <sup>2</sup>
LW-365L	32.5" x 21"	4,000 – 9,000 uW/cm <sup>2</sup>

\*LW-365 can be used at object distance in excess of 35" with intensity greater than 1,200 uW/cm<sup>2</sup>.

Distance	Coverage	Max intensity uw/cm <sup>2</sup>
15"	27 x 21	4,780
20"	31 x 25	3,250
25"	32 x 25.6	2,980
30"	32.3 x 26.4	2,250
35"	33.3 x 27.2	1,570

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**All LED's will eventually fade or fail. Most manufacturers use surface mount technology which requires factory repair or depot level service by PCB replacement. The LW-356 & LW-365L use "plug and play" LED modules that are easily and quickly exchanged on-site.**

Model	LW-365	LW-365L
LED	12UV LEDs*4white	22UV LEDs*4white
Peak Wavelength	365-370nm	365-370nm
Excitation Irradiance at 15"	3400-8000 $\mu$ w/cm <sup>2</sup>	4000-9000uw/cm <sup>2</sup>
Visible light(in dark room)	$\leq$ 2 ft. candles ( $\leq$ 10Lux)	$\leq$ 2 ft. candles ( $\leq$ 10Lux)
Coverage area > 1,200 uW/cm <sup>2</sup> @ 15"	27" x 21"	32.6" x 21"
UVB	0 W/m <sup>2</sup>	0 W/m <sup>2</sup>
UVC	0 W/m <sup>2</sup>	0 W/m <sup>2</sup>
Voltage	100 – 240 VAC, 50/60 Hz	100 – 240 VAC, 50/60 Hz
Power	48 W	66 W
Weight	16 lbs., (7.25 kg)	20 lbs., (9 kg)
Standards	ASTME1444, E165, E1417, E3022, E3024, RRES90061	ASTME 1444, E165, E1417, E3022, E3024 RRES90061
Certification	CE & RoHs	CE & RoHs
Applications	MPI, FPI, Leak Testing	MPI, FPI, Leak Testing

Package includes:

1	1	Wooden Case
2	1	LED Lamp
3	1	Power Supply Cable, 3m
4	1	L Tool
5	2	Hanging Chains
6	1	Operation Manual
7	1	Certification Document

