

X Series Overhead LED UV Lamps

Broad Area UV Lighting, Pure UV-A + Adjustable Intensity & User Replaceable LED Modules

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 (10 Lux)
- 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 a certification report
- Conforms to the requirements of ASTM E144, E165, E1417, E3022, E3024 & RRES 90061.



Compare Distance, Beam Spread & Intensity

3 Models Available

LW-365

Distance	Beam Spread	Max Intensity $\mu\text{W}/\text{cm}^2$
15"	29" x 21" (730 x 530mm)	5,231
20"	29" x 24" (730 x 600mm)	3,423
25"	27" x 25" (690 x 630mm)	2,321
30"	24.4" x 23" (620 x 580mm)	1,680
35"	46" x 42" (1170 x 1070mm)	1,254
40"	47" x 44.5" (1190 x 1130mm)	1,064
59"	51.2" x 49.2" (1300 x 1250mm)	460

LW-365V

Distance	Beam Spread	Max Intensity $\mu\text{W}/\text{cm}^2$
15"	29" x 22" (730 x 560mm)	5,580
20"	28" x 23" (710 x 580mm)	3,423
25"	27" x 25" (690 x 630mm)	2,321
30"	24.4" x 23" (620 x 580mm)	1,680
35"	46" x 42" (1170 x 1070mm)	1,254
40"	47" x 44.5" (1190 x 1130mm)	1,024
59"	51.2" x 49.2" (1300 x 1250mm)	460

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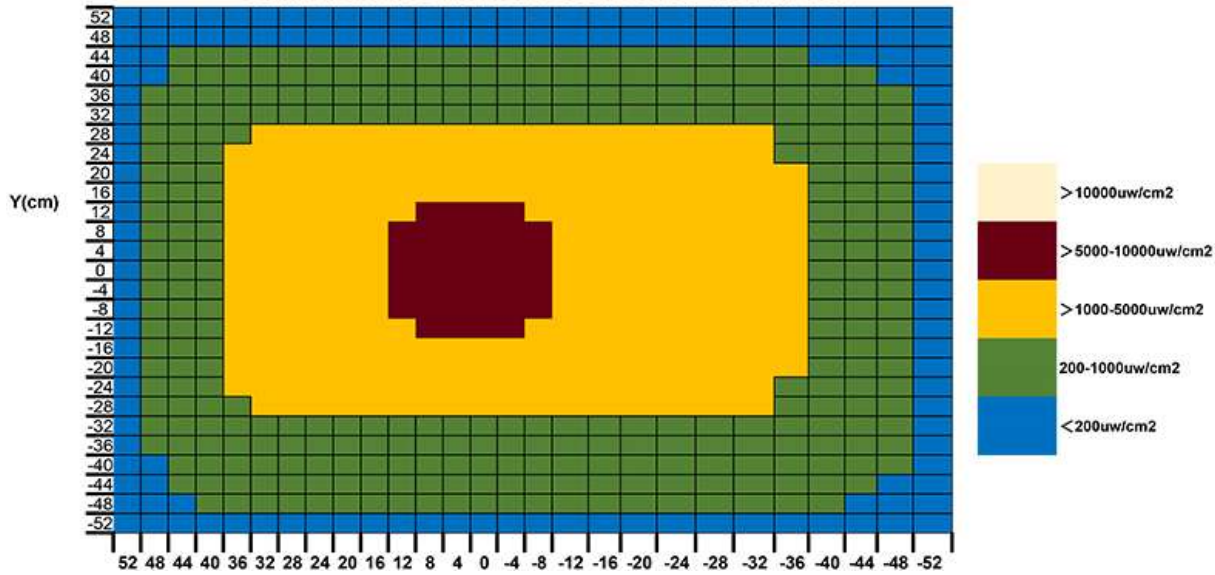
7952 Nieman Road
Lenexa, KS 66214-1560 USA



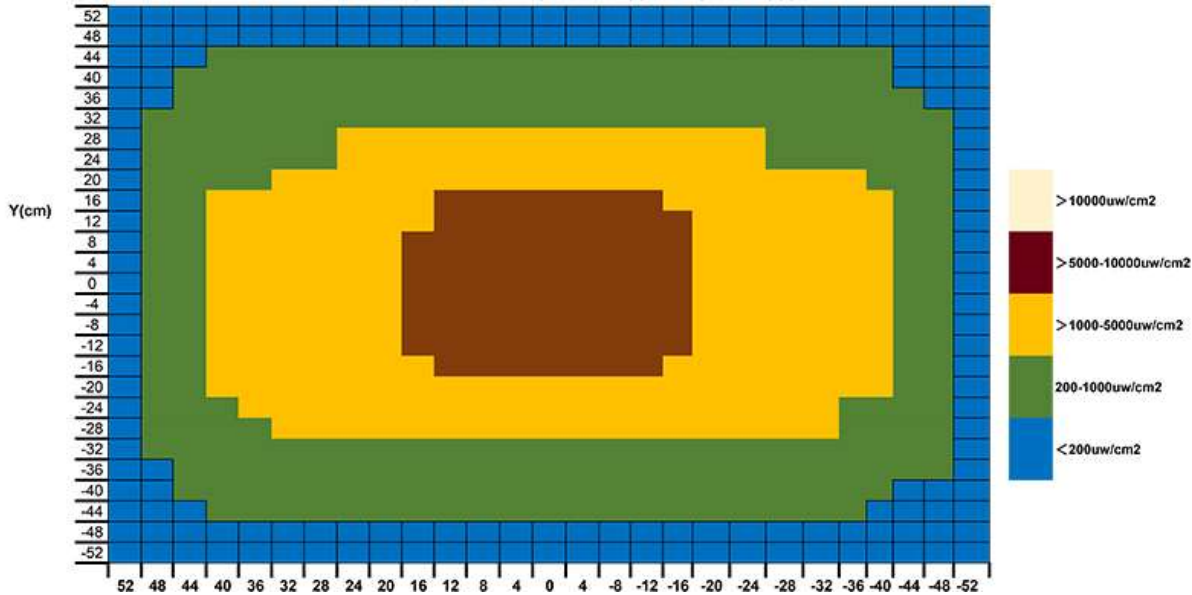
LW-365L

Distance	Beam Spread	Max Intensity $\mu\text{W}/\text{cm}^2$
15"	34" x 21" (860 x 533mm)	6,551
20"	33.5" x 21" (851 x 533mm)	5,670
25"	33.6" x 25" (853 x 635mm)	3,093
30"	31" x 30" (787 x 762mm)	2,231
35"	51.2" x 44.5" (1300 x 1130mm)	1,737

BEAM IRRADIANCE PROFILE AT 38CM FOR LW-365 & LW-365V



BEAM IRRADIANCE PROFILE AT 38CM FOR LW-365L



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



Specifications

LW-365 Series Specifications

Model	LW-365	LW-365V	LW-365L
LED	12 UV LEDs + 4 White	16 UV LED	22 UV LEDs
Peak Wavelength	365-370nm	365-370nm	365-370nm
Excitation Irradiance @ 15"	4,800 $\mu\text{W}/\text{cm}^2$	5,580 $\mu\text{W}/\text{cm}^2$	6,551 $\mu\text{W}/\text{cm}^2$
Visible Light (in dark room)	≤ 2 ft. candles (≤ 10 Lux)	≤ 2 ft. candles (≤ 10 Lux)	≤ 2 ft. candles (≤ 10 Lux)
Coverage Area > 1,200 $\mu\text{W}/\text{cm}^2$ @ 15"	29" x 21" (730 x 533mm)	29" x 21" (730 x 533mm)	34" x 21" (860 x 533mm)
UV-B	0 W/cm ²	0 W/cm ²	0 W/cm ²
UV-C	0 W/cm ²	0 W/cm ²	0 W/cm ²
Voltage	48 W	48 W / 66 W	66 W
Power	100-240 VAC, 50-60 Hz	100-240 VAC, 50-60 Hz	100-240 VAC, 50-60 Hz
Dimensions	22" x 11" x 2.4" (550 x 280 x 60mm)	22" x 11" x 2.4" (550 x 280 x 60mm)	22" x 11" x 2.4" (550 x 280 x 60mm)
Weight	16 lbs. (7.25 kg)	20 lbs. (9 kg)	20 lbs. (9 kg)
Standard	ASTM E1444, ASTM E165, ASTM E1417, ASTM E3022, ASTM E3024, RRES90061	ASTM E1444, ASTM E165, ASTM E1417, ASTM E3022, ASTM E3024, RRES90061	ASTM E1444, ASTM E165, ASTM E1417, ASTM E3022, ASTM E3024, RRES90061
Certification	CE & RoHs	CE & RoHs	CE & RoHs
Applications	MPI, FPI, Leak Testing	MPI, FPI, Leak Testing	MPI, FPI, Leak Testing

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Kit Includes:

- Wooden Case
- LED Lamp
- Power Supply Cable – 3m
- Allen Wrench
- 2 Hanging Chains
- Operation Manual
- Certification Document



Optional: External control box with extension cable for remote control of ON/OFF and UV/W functions. Specify length of extension cable when ordering.

Note: Below prices include current U.S. Duties & Import Costs*.

***Subject to change**