

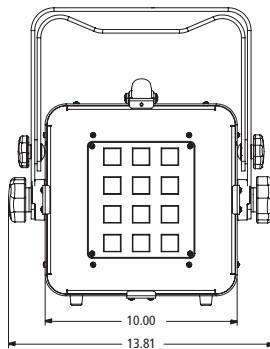
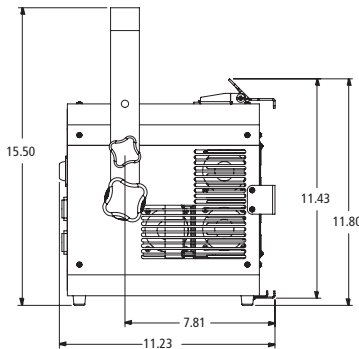
Wildfire VioStorm® 120 LED Series

365nm UV LED Lighting Fixtures

The VioStorm VS-120 from Wildfire combines true 365nm output and Long Throw performance, with the control and efficiency of LED's. Featuring Wildfire's intuitive Trias™ DMX/RDM Control System and versatile interchangeable optic sets. VioStorm UV lighting is just the right combination of powerful output versatility and control for a perfect black light storm.

Features:

- Powerful 365nm Peak UV Output
- Convenient Universal Voltage Input
- Intuitive DMX/RDM Control & Monitoring
- Individual LED Protection
- Intelligent SinkPAD™ Thermal Management
- Flicker Free 16 Bit Dimming Resolution
- Versatile Interchangeable Optic Sets
- Standard 10" Accessory Frame
- Heavy Duty Aluminum Construction
- Stainless Steel Hardware
- ROHS Compliant
- Designed and Built in the USA



Specifications:

Housing:	5052 aluminum with stainless steel hardware
Finish:	Flat black powder coat
Mounting:	Fully adjustable yoke with three height positions and integrated removable floor stand
UV Light Source:	Twelve 10W 365nm UV LED emitters
Radiant Power:	24,480mW
LED Life:	20,000Hr. at 25° C
Optics:	Molded Optical Grade Silicone 10°, 24° or 40°
Operating Temperature:	-10° to 115° F / -20° to 45° C
Humidity:	0-95% non-condensing
Power Input Connection:	Neutrik PowerCON
Power Output Connection:	Neutrik PowerCON, Max 8.0A
Power Cord:	9' 14/3 SOW with PowerCON and male Edison
DMX Connections:	Neutrik Gold, 5-pin XLR Male, 5-pin XLR Female
DMX Channels:	Three (2 Dimming, 1 Effects)
Control Modes:	Three (Wired DMX 512, Local, Optional Wireless DMX-512)
Operation Modes:	Three (1 Channel, 2 Channel, 3 Channel)
USB Connection:	Amphenol Rugged Mini-B USB Female
Power Input:	100-240VAC / 50-60Hz. / 1.0A Max
Power Consumption:	175W
Circuit Protection:	7 Amp hydraulic magnetic breaker switch
Accessory Frame:	10" / 25.4cm
Weight:	13.35lbs. / 6.05kg.
Protection Rating:	IP-20
Safety Listing:	ETL #5004307
Warranty:	Three years parts & labor



Standard Equipment:

- 147-021 Truss Clamp
- 147-002 Safety Cable
- 106-052 PowerCON Power-Out Connector

Optional Accessories:

- 146-002 10" Barn Doors
- 138-050 10° Spot Optic Set x2
- 138-051 24° Wide Spot Optic Set x2
- 138-052 40° Flood Optic Set x2
- 138-070-01 Multiverse 900Mhz. Wireless DMX
- 138-071-01 Multiverse 2.4Ghz. Wireless DMX

Ordering Example: (Select item from each box)

Model	Wattage	Optics
VS	120	

Optics

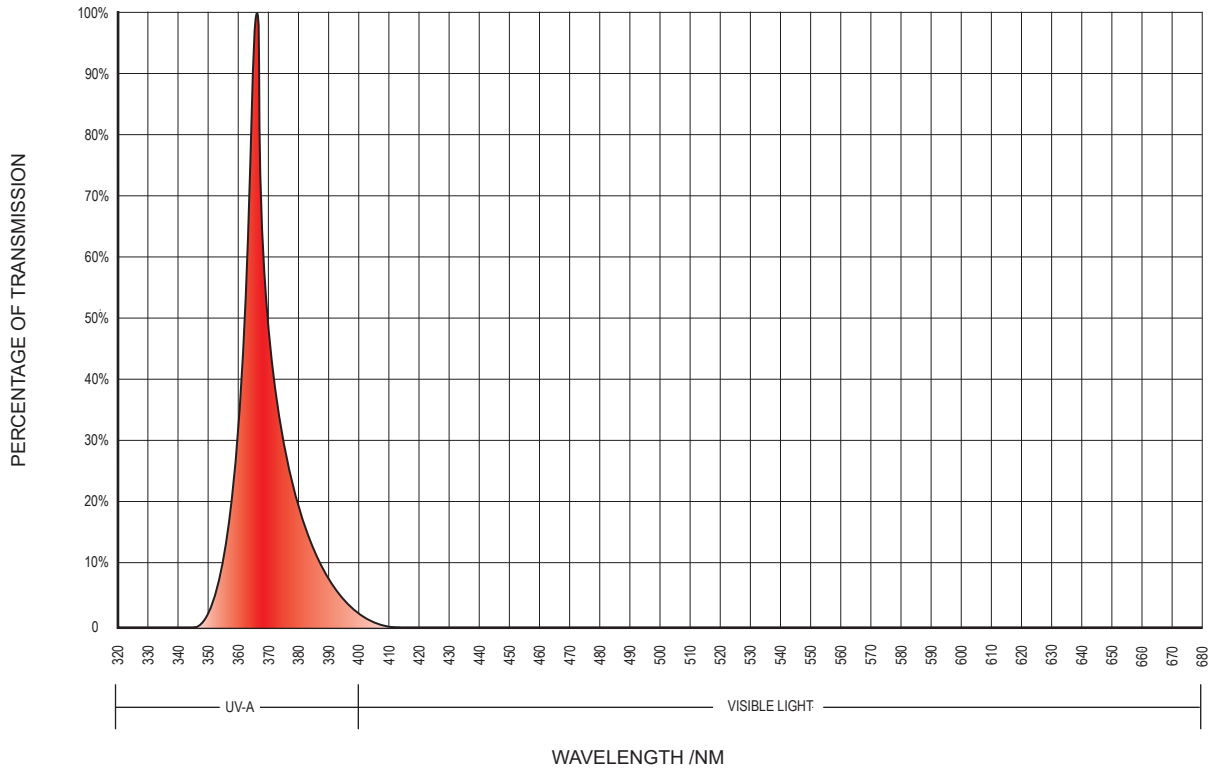
- S - 10° Spot
- WS - 24° Wide Spot
- F - 40° Flood



Project	Approval / Date
Location	Fixture Type



Spectral Output Graph:



Photometrics Chart:

Model VS-120S 10° Spot

Distance in Feet / Meters, MF: 0.18

	5 / 1.52	10 / 3.05	20 / 6.10	30 / 9.14	40 / 12.19	50 / 15.24	60 / 18.29	70 / 21.33	80 / 24.38	90 / 27.43	100 / 30.48	110 / 33.53	120 / 36.57
Beam Diameter Feet	0.90	1.80	3.60	5.40	7.20	9.00	10.80	12.60	14.40	16.20	18.00	19.80	21.60
Beam Diameter Meters	0.27	0.55	1.10	1.65	2.19	3.29	3.20	3.84	4.39	4.94	5.49	6.03	6.58
Peak UV-A Irradiance mW/m ²	24,000	6,000	1,500	666.6	375.0	240.0	166.6	122.4	93.7	74.0	60.0	49.5	41.6

Model VS-120WS 24° Wide Spot

Distance in Feet / Meters, MF: 0.432

	5 / 1.52	10 / 3.05	20 / 6.10	30 / 9.14	40 / 12.19	50 / 15.24	60 / 18.29	70 / 21.33	80 / 24.38	90 / 27.43	100 / 30.48
Beam Diameter Feet	2.16	4.32	8.64	12.96	17.28	21.60	25.92	30.24	34.56	38.88	43.20
Beam Diameter Meters	0.66	1.32	2.63	3.95	5.27	6.58	7.90	9.22	10.53	11.85	13.17
Peak UV-A Irradiance mW/m ²	15,250	3,812	953.1	423.6	238.2	152.5	105.9	77.8	59.5	47.0	38.1

Model VS-120F 34° Flood

Distance in Feet / Meters, MF: 0.612

	5 / 1.52	10 / 3.05	20 / 6.10	30 / 9.14	40 / 12.19	50 / 15.24	60 / 18.29	70 / 21.33	80 / 24.38
Beam Diameter Feet	3.04	6.08	12.17	18.25	24.34	30.42	36.50	42.59	48.67
Beam Diameter Meters	.93	1.85	3.71	5.56	7.42	9.27	11.13	12.98	14.83
Peak UV-A Irradiance mW/m ²	13,250	3,312	828.1	368.0	207.0	132.5	92.1	67.6	51.76

All peak UV-A irradiance measurements taken at center beam using UVX Digital Radiometer and a calibrated 365nm sensor