

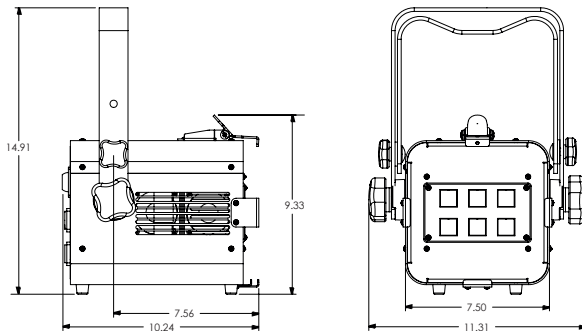
# Wildfire VioStorm® 60 LED Series

## 365nm UV LED Lighting Fixtures

The VioStorm VS-60 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 optics. 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 Silicone Optics
- Standard 7.5" Accessory Frame
- Heavy Duty Aluminum Construction
- Durable 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:	Six 10W 365nm UV LED emitters
Radiant Power:	12,240 mW
LED Life:	20,000Hr. at 25° C
Optics:	Moulded Optical Grade Silicone 10°, 24° or 40°
Operating Temperature:	-10° to 115° F / -20° to 45° C
Humidity:	0-95% non-condensing
Power Connections:	Neutrik PowerCON 1 Input and Output
Power Linking:	Eight units at 120VAC
Power Cord:	9' 14/3 SOW with PowerCON 1 and male Edison
DMX Connections:	Neutrik Gold, 5-pin XLR Male, 5-pin XLR Female
DMX Channels:	Three (2 Dimming, 1 Effects)
Control Modes:	Two (DMX 512 and Local)
Operation Modes:	Three (1 Channel, 2 Channel, 3 Channel)
USB Connection:	Amphenol Rugged Mini-B USB Female
Power Input:	100-240 VAC / 50-60Hz.
Power Consumption:	86 Watts
Circuit Protection:	7 Amp hydraulic magnetic breaker switch
Accessory Frame:	7.5" / 19.05cm
Weight:	10.35 lbs. / 4.69 kg.
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:

- 146-001 7.5" Barn Doors
- 138-050 10° Spot Optic Set
- 138-051 24° Wide Spot Optic Set
- 138-052 40° Flood Optic Set

### Ordering Example: (Select item from each box)

Model	Wattage	Optics
<b>VS</b>	<b>60</b>	

### Optics

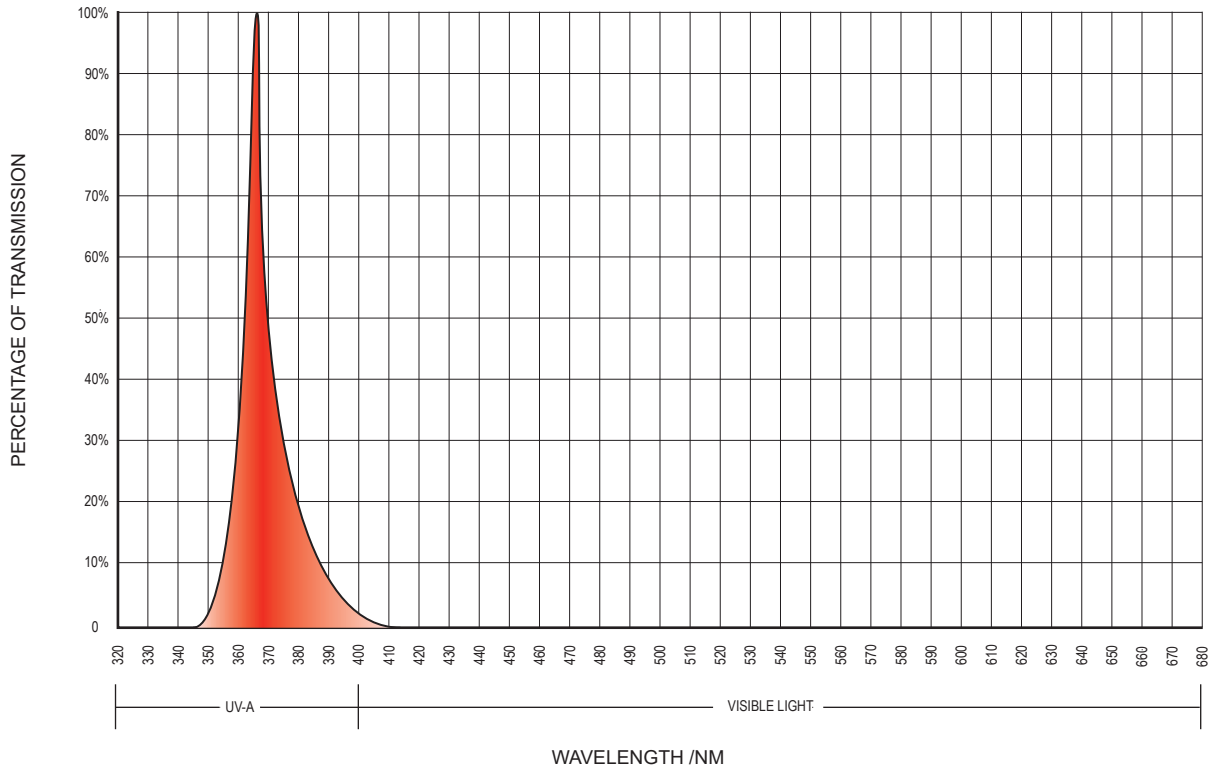
- S - 10° Spot
- WS - 24° Wide Spot
- F - 40° Flood



Project	Approval / Date
Location	Fixture Type



### Spectral Output Graph:



### Radiometric Chart:

#### Model VS-60S 10° Spot

	Distance in Feet/Meters												
	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 Spread Feet	0.90	1.70	3.50	5.20	7.00	8.70	10.50	12.20	14.00	15.70	17.50	19.20	21.00
Beam Spread Meters	0.27	0.52	1.07	1.58	2.13	2.65	3.20	3.72	4.27	4.79	5.33	5.85	5.85
Peak UV-A Irradiance $\mu\text{W}/\text{cm}^2$	1,248	312	78	34.6	19.5	12.4	8.6	6.3	4.8	3.8	3.1	2.5	2.1

#### Model VS-60WS 24° Wide Spot

	Distance in Feet/Meters												
	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 Spread Feet	1.43	4.30	8.50	12.80	17.00	21.30	25.50	29.80	34.00	38.30	42.50		
Beam Spread Meters	0.64	1.31	2.59	3.90	5.18	6.49	7.77	9.08	10.36	11.67	12.95		
Peak UV-A Irradiance $\mu\text{W}/\text{cm}^2$	804	201	50.2	22.3	12.5	12.5	8.0	5.5	4.1	3.1	2.4		

#### Model VS-60F 40° Flood

	Distance in Feet/Meters								
	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 Spread Feet	3.60	7.30	14.60	21.80	29.10	36.40	43.70	51.00	58.20
Beam Spread Meters	1.10	2.22	4.45	6.64	8.87	11.09	13.32	15.54	17.74
Peak UV-A Irradiance $\mu\text{W}/\text{cm}^2$	650	162.5	40.6	18.0	10.1	6.5	4.5	3.3	2.5

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

