

# Ultra High Power UV Spot Light 4-Heads

(world's highest optical power density 365nm LED)

## Product Description

This UV LED spot light burns paper with an output power density exceeding legacy mercury UV lamps. It is the most powerful device on the market. The design leverages military gear development expertise, realizing a ruggedized manufacturing tool. The UV light features fast and deep epoxy curing, compact size, ease of use, and longevity. This unit has front panel and remote USB individual intensity control function. Each head has a build-in fan for continuous operation. It comes with one year manufacture warranty. Two year warranty can be purchased.

The hand-held UV light can be switched on/off together by a finger press, a foot pedal, or a computer and has a timer ranging from 10 sec to 6 hours. Power calibration meter is also available.



## Performance Specifications For Each Head

Description	Parameter	Unit
Wavelength	265±5, 365±5, 385±5, 395±5	nm
Power Density (4mm spot)	5.0 – 5.5 *	W/cm <sup>2</sup>
Power Density (25mm spot)	100-150*	mW/cm <sup>2</sup>
Cure Time Range	10 seconds to 6 hr	
LED Power **	3	W
UV Spot Size	Φ4 to 50	mm
Working Distance	20 to 100	mm
Cooling Method	air blowing	
Operation Life	> 15,000	hours

\* The light is uniform over the spot size

\*\* 3W for 365nm, 4W for 385nm, 1W for 265 nm

### Features

- Long Hour
- High Power
- Compact
- Low Cost

### Applications

- UV adhesive cure
- UV coating



# Solid State UV Spot Light

## Electrical Specifications

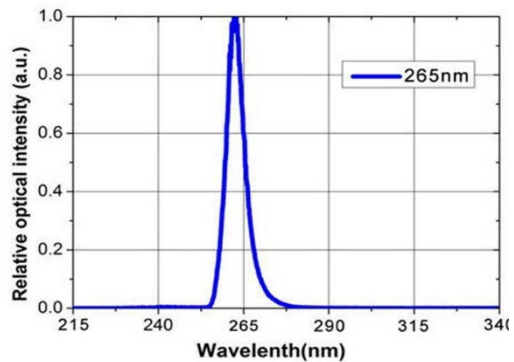
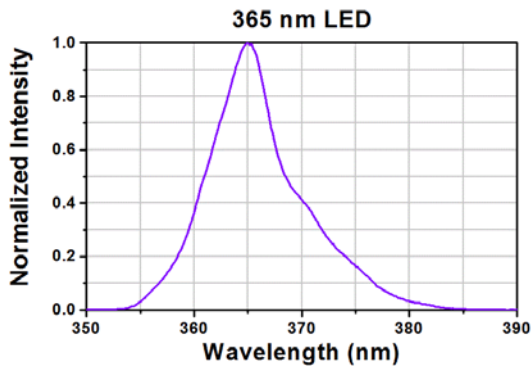
Component	Parameter	Unit
Power supply	AC 100 ~ 240	V
Fuse	3	A

## Mechanical Footprint Dimensions

Component	Dimensions	Unit
UV cure head	Φ30 x 142	mm
Driver	170 W x 180 D x 65 H	mm



## Emission Spectrum



## Ordering Information

UVS4-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	# Head	1 <sup>th</sup> Head Wavelength	2 <sup>th</sup> Head Wavelength	3 <sup>th</sup> Head Wavelength	4 <sup>th</sup> Head Wavelength	UV Head Cord Length	UV Head Shield	Cure Time	Foot Switch*
	2 = 2 3 = 3 4 = 4	265 nm = 5 275nm = 6 365 nm = 1 385 nm = 2 405 nm = 3 None =0	265 nm = 5 275nm = 6 365 nm = 1 385 nm = 2 405 nm = 3 None =0	265 nm = 5 275nm = 6 365 nm = 1 385 nm = 2 405 nm = 3 None =0	265 nm = 5 275nm = 6 365 nm = 1 385 nm = 2 405 nm = 3 None =0	1.5 m = 1 Special = 0	Yes =1 No =0	10 sec. - 60 min. = 3 10 sec - 6 hr. = 5 Special=0	Yes = 1 No = 0

\* One Foot Switch Simultaneously Tun On/Off All Heads

*Please contact Agiltron to discuss special configurations.  
Replacement parts can be ordered separately.*