# LED Array UV Flood Light

## Product Description

Agiltron's LED Array UV Flood Light produces a big size UV beam with high power intensity and uniformity for curing UV adhesives and coatings. It is compact and user-friendly featuring low power consumption. Together with a long operation life, the high power LED device provides marked advantages over traditional lamp based alternatives. Agiltron's superior optical design achieves high light coupling efficiency of more than 85% as well as a well-distributed light intensity. We provide cure heads with customer designed size of UV beam.

Highly efficient dissipation of heat allows the cure head to operate continuously for more than one hour.

The exposure time and UV light power are adjustable.

The easy to use device can be switched on/off by either a front panel control or an optional foot switch.

## Features

- High Power
- Uniform Irradiation
- High Stability
- Long Life

## Applications

- Large area UV curing
- UV Ink Drying

## Performance Specifications

| Parameter | Description | Unit |
|---|---|---|
| Wavelength | 365±5, 385±5, 405, 440 | nm |
| UV irradiance | 0.2 ~ 0.5 | $W/cm^2$ |
| Cure time | 0 ~ 1 | hour |
| UV beam size | > 80 x 200 | mm |
| Cooling method | Air blowing | |
| Operation life | 20,000 | hours |

RoHS Compliant

Revision: 060-14
05-31-11

15 Presidential Way, Woburn, MA 01801 Tel: 781-935-6500 Fax: 781-935-2040

www.agiltron.com

# LED Array UV Flood Light
## (Model SUV-04)

## Electrical Specifications

| Component | Parameter | Unit |
|---|---|---|
| Power supply | AC 100 ~ 240 | V |
| Fuse | 2.0 | A |

## Mechanical Footprint Dimensions

| Component | Dimensions | Unit |
|---|---|---|
| Cure head | 8.5 x 4 x 5 | inch |
| | | |

## Ordering Information

| SUV- | ☐☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |
|---|---|---|---|---|---|---|---|---|
| | Type | Wavelength | Lens | UV Power | UV Head Cord Length | Cure Head | Cooling Fan | Foot Switch |
| | Flood = 04<br>Special = 00 | 365 nm = 1<br>385 nm = 2<br>405 nm = 3<br>440 nm = 4 | Standard = 1<br>Special = 0 | Standard = 1<br>Special = 0 | 2 m = 1<br>Special = 0 | Yes = 1<br>No = 0 | Standard = 1<br>Special = 0 | Yes = 1<br>No = 0 |

**STANDARD CONFIGURATION**

**SUV-041111110** Flood Light (365 nm) with standard lens, 2 m cable, cure head, fan and foot switch

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

RoHS Compliant

Revision: 060-14
05-31-11

*Specifications subject to change without notice.*
*©2010 All rights reserved.*

15 Presidential Way, Woburn, MA 01801 Tel: 781-935-6500 Fax: 781-935-2040

www.agiltron.com