

SpotLite™ UV Curing Source



SpotLite incorporates up to six flexible lamp wands. Order wands separately.

Housing Dim:
11.8W x 6.3H x 7.9D in.
(300 x 160 x 200mm)

The compact, portable UV spot curing unit is designed with a 400-watt mercury or metal halide bulb, excellent for UV curing, electronic and medical part assembly applications.

Due to the unique light collection system, the unit supports up to six flexible lamp wands that may be used (either mounted or hand held) to direct UV to a precise position on the work area. The wands are available in 5mm or 8mm diameters and a variety of lengths.

- The unit is operated via a touch-sensitive membrane control and digital display
- Precise UV exposure is ensured with manual or auto-timer controls
- The UV lamp wands are interchangeable
- Each wand consists of a plastic tube filled with transparent, non-toxic, light-conducting liquid sealed with high quality quartz glass
- The light conducting liquid ensures totally uniform output

System Ordering Information

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|---|--|
| SCL1-2 Shortwave 2 Wand Ports | 95-0292-01 (115V/60Hz) 95-0292-02 (230V/50Hz) |
| SCL1-6 Shortwave 6 Wand Ports | 95-0293-01 (115V/60Hz) 95-0293-02 (230V/50Hz) |
| SCL2-2 Longwave 2 Wand Ports | 95-0294-01 (115V/60Hz) 95-0294-02 (230V/50Hz) |
| SCL2-6 Longwave 6 Wand Ports | 95-0295-01 (115V/60Hz) 95-0295-02 (230V/50Hz) |

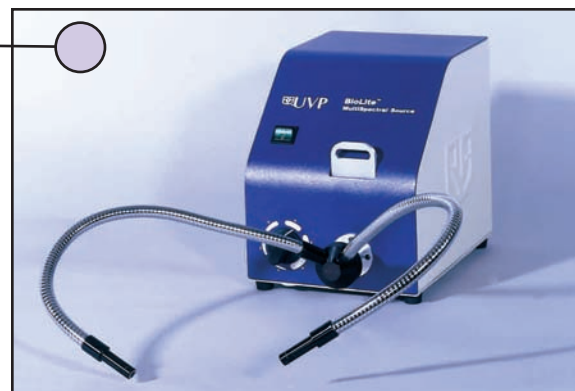
Shortwave unit light intensity output 254-365nm: 15mw/cm²; Longwave unit light intensity output 254nm: 1mw/cm², 310nm: 4mw/cm², 254nm: 15mw/cm²

Lamp Wand Ordering Information

| Wand Length | 5mm Diameter | 8mm Diameter |
|-------------|--------------|--------------|
| 1.0 m | 77-0032-02 | 77-0033-02 |
| 1.5 m | 77-0032-04 | 77-0033-04 |
| 2.0 m | 77-0032-06 | 77-0033-06 |
| 3.0 m | 77-0032-08 | 77-0033-08 |

BioLite™ MultiSpectral Source

The BioLite MultiSpectral Source uses a 150-watt quartz halogen visible light source with fiber optics to tightly control the output spectrum allowing consistent and repeatable measurements for many applications. The six-position dial allows selection of the light intensity output for your application. The intensity settings range from 0% to 100%.



BioLite uses one or two guides for directing the fiber optic light source to a specific area.

Ordering Information

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| BioLite MultiSpectral Source With two Light Guides | 97-0203-01 (115V) 97-0203-02 (230V) |
| BioLite MultiSpectral Source With one Light Guide | 97-0204-01 (115V) 97-0204-02 (230V) |
| BioLite Kit (not pictured) for in vivo studies; includes articulated lights, bifurcated fiber optic cables mounted to platform tray, 38-0319-01 and 38-0319-02 filters, plus emission filter | 98-0072-01 (115V) 98-0072-02 (230V) |

Standard Excitation filters (purchase separately) broad-band light for contrast enhancement of objects observed in the laboratory or inspection bench.

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|---|------------|
| Green, increases for red/blue objects | 38-0319-05 |
| Blue, enhances red/yellow objects | 38-0319-03 |
| Red, darkens green/blue objects | 38-0319-04 |
| Yellow, as safelight with photoresist materials | 38-0319-06 |

Specialty Excitation Filters (purchase separately) excitation spectra for in vivo/in vitro fluorescence. Use with UVP's special emission filter for viewing. Custom filters available.

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|--|------------|
| 630nm IR, near infrared excitation for CY5.5 | 38-0319-07 |
| 370-430nm, excitation for BFP and CFP | 38-0319-01 |
| 422-478nm, excitation for GFP and CY2 | 38-0319-02 |

The small footprint allows placement in confined areas where laboratory space is minimal. The BioLite is manufactured with a durable metal housing and scratch resistant powder paint.

- Choose from one or two flexible gooseneck fiber optic light guides
- Interchangeable optional emission filters for excitation of samples
- Dial to various intensity settings
- Low noise/vibration without transmitting vibrations to the specimens
- Fiber optic illumination output is uniform and reduces shadows

Light guides: Flexible chrome plated metal tubing
Dim.: 18L in. (457mm), Ferrule Dia: 0.72 in. (18mm)
Housing: 7W x 8.5H x 9D in. (178 x 216 x 229mm)