

The Lightning SpotCure-B Battery Operated UV LED Curing System is one of the most versatile and powerful hand-held UV curing units available today. Lightning SpotCure-B utilizes a powerful high quality UV LED and unique lens technology to deliver optimum power and coverage, depending on your UV curing needs. Lenses are quickly and easily replaceable and can vary the optical output from 700mW/cm<sup>2</sup> to 18W/cm<sup>2</sup> by simply swapping the lens. Lightning SpotCure-B is turned On and Off using a push button a switch on the curing probe, keeping operation simple. Kit includes Case, Curing Probe with Lens of choice, Lens Protective Cover, UV Protective Glasses with case, Smart Charger with USB cable and 2 Lithium Ion Batteries so one can always be ready.



**Features:**

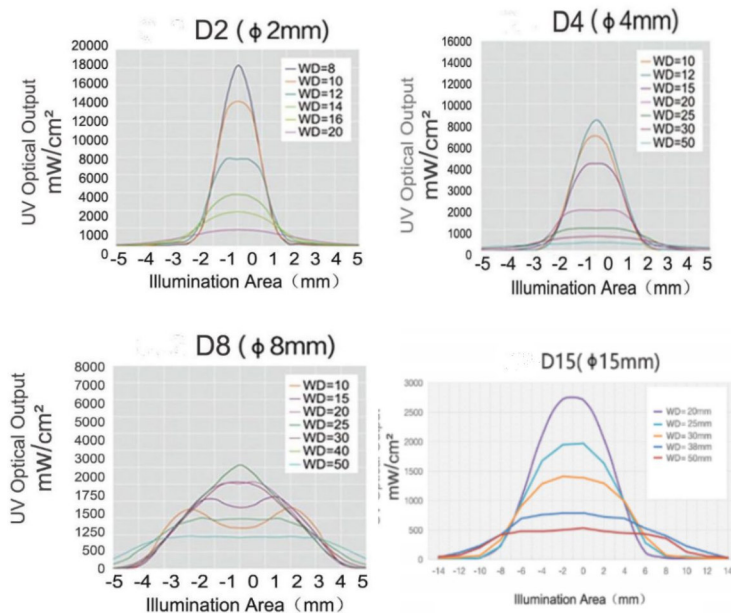
- Simple On/Off operation
- Emitter life up to 20,000 hrs
- Optical output up to 18W/cm<sup>2</sup>
- Easily replaceable lenses
- Small and Convenient
- Extra Battery at the ready
- Smart Charger Technology
- USB charging cable included
- UV Protective Glasses Included
- Glasses Case Included

**Specifications:**

- Curing Probe Overall: 5.7”L x .87”D
- Dimensions Tip: .75”L x .4”D
- Dimensions Charger 4.3” x 2.3” x 1.1”
- Charger Cable: USB 24”L
- Charger Power In: USB 5VDC 2A
- Charger Power Out: 4.2VDC @ 1A x 2
- Battery Type: Lithium Ion x 2
- Battery Specs: 3.7VDC 3400 mah
- Battery Usage: 2-3 hours
- Emitter wavelength 365nm
- Emitter Life: Up to 20,000 hours
- Optical Output Power: Up to 18W/cm<sup>2</sup>
- Standard Lens D-8
- Optical Power Specs: See Lens Chart

**About Lens Technology**

Lightning SpotCure-B utilizes a unique replaceable lens technology that can achieve a wide range of optical power output levels and cure area by simply changing the lens. The charts below outline what can be expected from each lens at various working distances.



**Wondering Which Lens to Choose?**

The standard lens is D8, which will deliver over 2 W/cm<sup>2</sup> at 27mm Working Distance and a cure diameter at 8mm, plenty of curing power for most applications. Increasing lens diameter will decrease curing power and decreasing diameter will increase curing power.

- Lens Comparison: (WD = Working Distance)
- D2: 18W/cm<sup>2</sup> @ WD 8mm, Dia. = 2mm
  - D4: 8.5W/cm<sup>2</sup> @ WD 14mm, Dia = 4mm
  - D8: 2.3W/cm<sup>2</sup> @ WD 27mm Dia = 8mm
  - D15: 700mW/cm<sup>2</sup> @ WD 15mm Dia = 15mm