

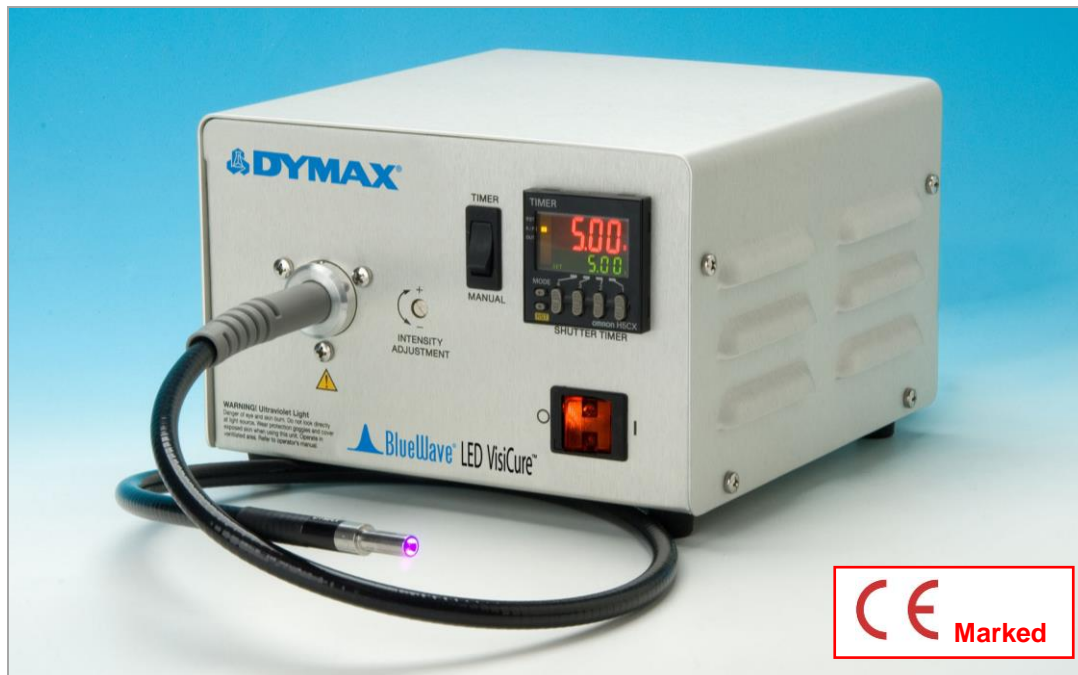


BlueWave[®] LED VisiCure[™]

LED Spot-Curing System

The BlueWave[®] LED VisiCure[™] high-intensity spot-curing system offers many advantages over conventional spot-curing systems including... **no bulbs to change, cool cures, no warm-up, and high-intensity output** for thousands of hours. The *BlueWave LED VisiCure* generates curing energy using high-intensity LEDs (Light Emitting Diodes). The LEDs produce visible light energy in a relatively narrow wavelength band centered at 405 nm, as contrasted to a typical broad band, high-pressure UV bulb (300-500 nm). This system emits maximum light intensity output through a 5-mm diameter lightguide, and allows users to adjust intensity output from 0% to 100%. The relatively narrow frequency band produced by LEDs generates cooler curing temperatures. The *BlueWave LED VisiCure* is excellent for spot curing of various coatings, as well as adhesive bonding of polycarbonate, PVC, PET, metal, glass, and many other substrates.

Please call the Dymax Application Engineering Group for adhesive or coating recommendations best suited for this LED-curing system.



FEATURES

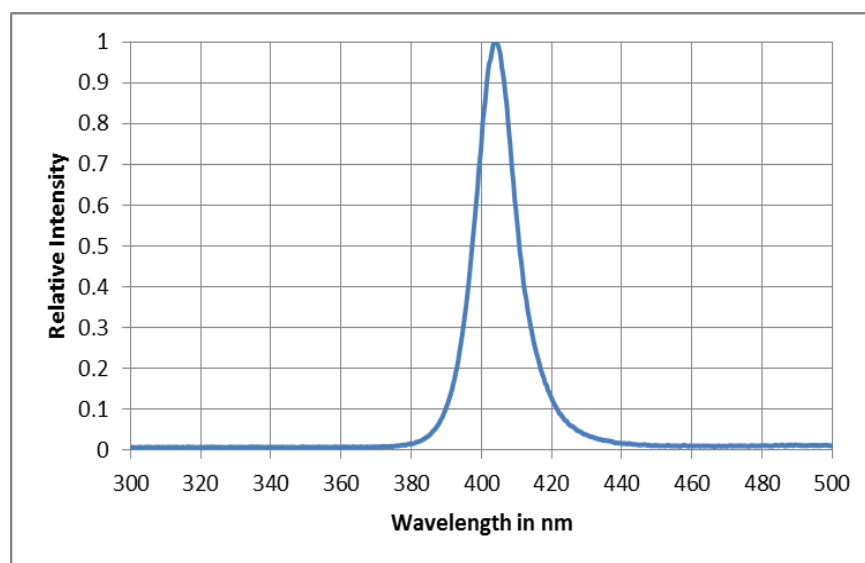
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| Optimized design for curing a wide range of formulations | Useful LED life up to 20,000 hours! |
| Constant intensity | Intensity adjustment feature from 0% to 100% |
| Low cost to purchase and maintain (high ROI) | Instant on/off (no warm-up) |
| Cool cures – ideal for thermally sensitive substrates | Small form factor |
| Variety of compatible lightguide configurations | Foot switch or PLC controlled exposure time |

| SPECIFICATIONS | |
|--|---|
| Output* | >15 W/cm ² adjustable from 0% to 100% |
| Power Requirements | 100-240V, 50-60 Hz (auto ranging) |
| LED Timer | Digital LCD timer up to 99.99 seconds; manual or timed exposure |
| LED Activation | Foot switch or PLC |
| Cooling | Single filtered fan; thermally controlled to maintain proper LED temperature |
| Housing Dimensions | 5.4" x 8.5" x 8.8" (13.7 cm x 21.6 cm x 22.3 cm) |
| Weight | 5.40 lbs. (2.45 kg) |
| Unit Warranty | 1 year from purchase |
| Part Number North American Version (Standard 120V Plug) Asian Version (Type G Plug) Unit With No Power Cord | 41062 41063 41064** |
| Recommended Accessories | 40505 ACCU-CAL™ 50-LED radiometer 5720 5 mm x 1 m liquid-filled lightguide |

* As measured with an ACCU-CAL™ 50-LED Radiometer and lightguide simulator.

** For European customers, the appropriate power cord will be added.

BlueWave LED VisiCure Spectral Output



DYMAXEDGE™
LISTEN. ENVISION. DELIVER.

In addition to our light-curing equipment, Dymax also offers high-performance oligomers, adhesives, and coatings as well as a variety of dispensing equipment. Our products are perfectly matched to work seamlessly with each other, providing design engineers with tools to dramatically improve manufacturing efficiency and reduce costs. Dymax is committed to providing the best chemistry, curing equipment, and dispensing systems that offer customers complete manufacturing solutions for their challenging applications.



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Please note that most dispensing and curing system applications are unique. Dymax does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in Dymax's standard Conditions of Sale. Dymax recommends that any intended application be evaluated and tested by the user to ensure that desired performance criteria are satisfied. Dymax is willing to assist users in their performance testing and evaluation by offering equipment trial rental and leasing programs to assist in such testing and evaluations. Data sheets are available for valve controllers or pressure pots upon request.

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