

BlueWave[®] LED Prime UVA

Spot-Curing System

The BlueWave[®] LED Prime UVA high-intensity spot-curing system offers many advantages over conventional spot-curing systems including... **no bulbs to change, cool cures, no warm-up, and constant intensity** for thousands of hours. The *BlueWave LED Prime UVA* generates curing energy using high-intensity LEDs (Light Emitting Diodes). 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 Prime UVA* 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.



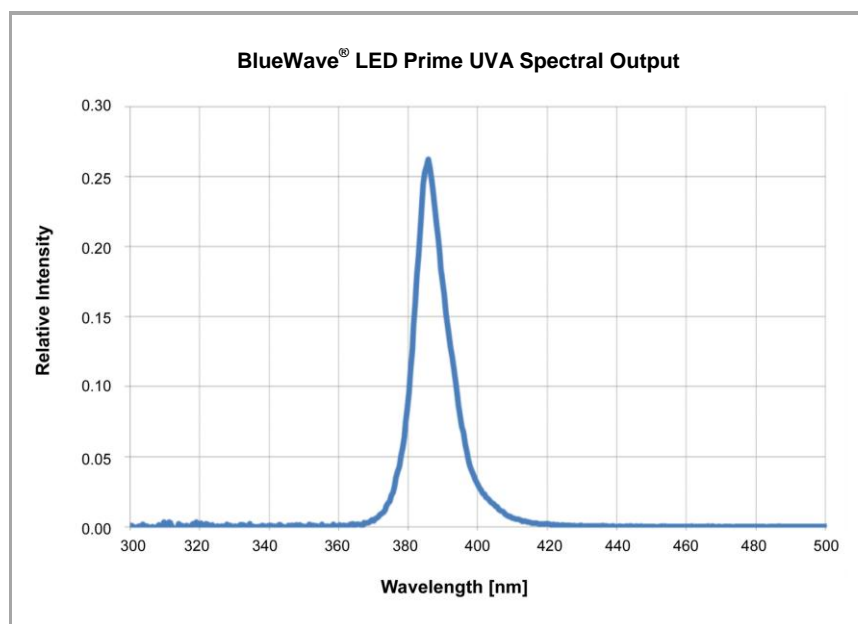
FEATURES

Optimized design for curing a wide range of formulations	Useful LED life of over 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, 47-63 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	8.375" x 8.75" x 5.5" (21.3 cm x 22.2 cm x 14.0 cm)
Weight	5.40 lbs. (2.45 kg)
Unit Warranty	1 year from purchase (lightguide not included)
Part Number <i>North American Version (Standard 120V Plug)</i> <i>Asian Version (Type G Plug)</i> <i>Unit With No Power Cord</i>	40321 lightguide #5720 included 40322 lightguide not included 40950 lightguide not included 40960** lightguide not included
Included Lightguide	5720 5 mm x 1 m liquid-filled lightguide
Recommended Accessories	40505 ACCU-CAL™ LED radiometer

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

** Contains the appropriate power cord for Europe.



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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 insure 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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