

# 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.

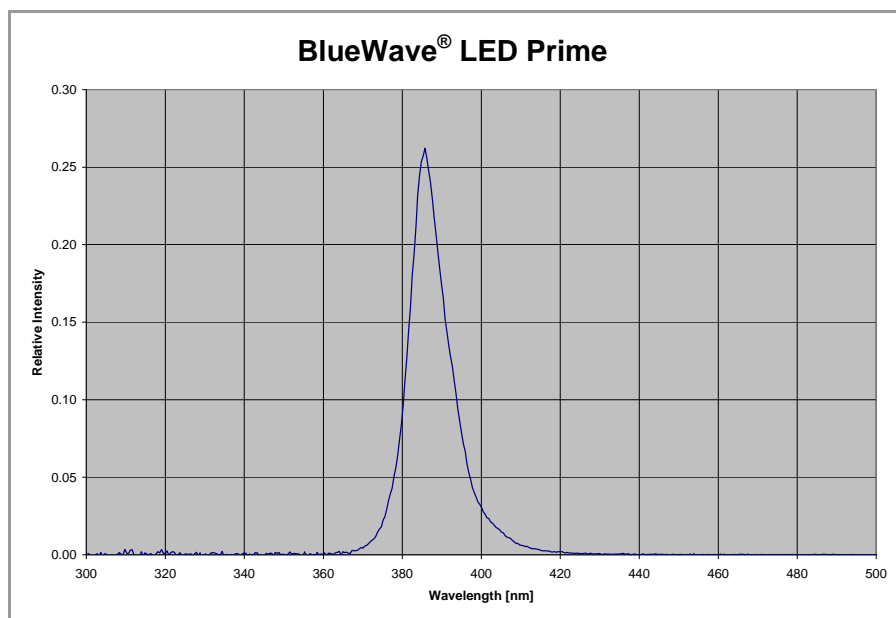
*Please call the DYMAX Applications Engineering Group for adhesive or coating recommendations best suited for this LED-curing system.*



### FEATURES

Optimized design for curing a wide range of formulations	Useful LED life of over 50,000 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 <sup>2</sup> 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	<b>40321</b> (lightguide #5720 included) <b>40322</b> (lightguide not included)
Included Lightguide	<b>5720</b> 5 mm x 1 m liquid-filled lightguide
Recommended Accessories	<b>40505</b> (ACCU-CAL™ LED radiometer)



For further assistance with adhesive and equipment selection, contact DYMAX Applications Engineering.



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