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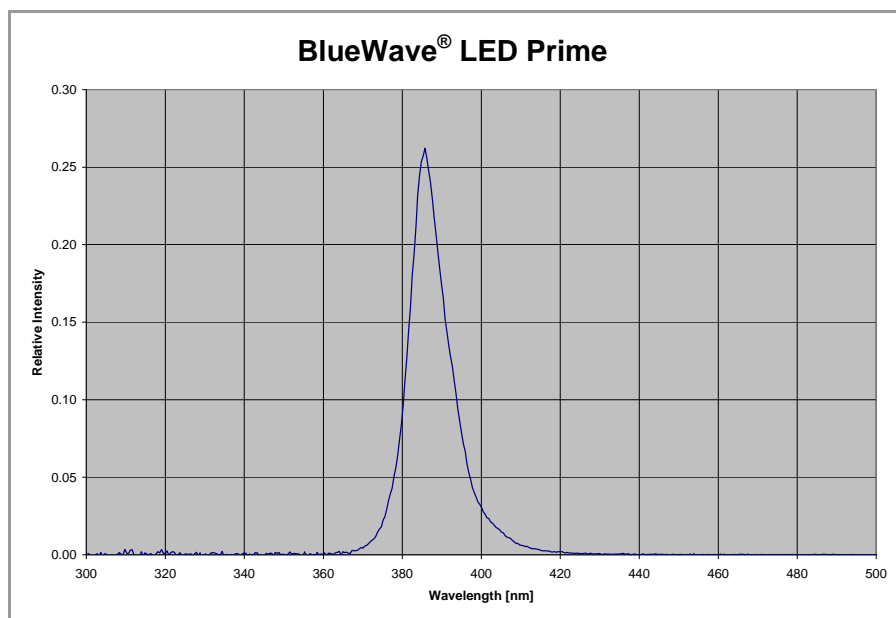
Please call the DYMAX Applications Engineering Group for adhesive or coating recommendations best suited for this LED-curing system.

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^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	**40321** (lightguide #5720 included) **40322** (lightguide not included)
Included Lightguide	**5720** 5 mm x 1 m liquid-filled lightguide
Recommended Accessories	**40505** (ACCU-CAL™ LED radiometer)

BlueWave® LED Prime

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

◬DYMAX®

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