



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.

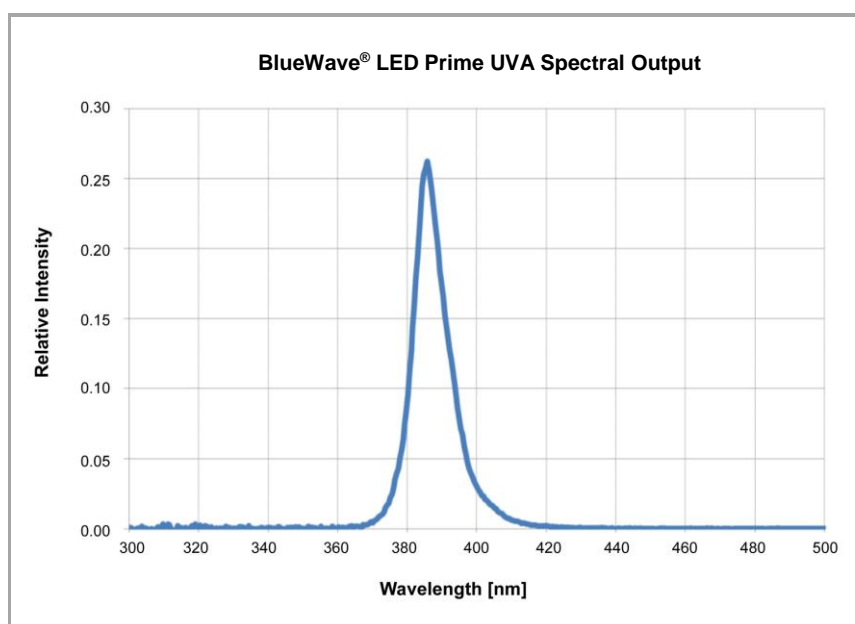


FEATURES

Optimized design for curing a wide range of formulations	Up to 20,000 hours of useful LED life!
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	21.3 cm x 22.2 cm x 14.0 cm
Weight	2.45 kg
Unit Warranty	1 year from purchase (lightguide not included)
Part Number	40960 Contains the appropriate power cord for Europe (lightguide not included)
Recommended Accessories	40505 ACCU-CAL™ LED radiometer

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



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