



# BlueWave<sup>®</sup> LED Prime UVA

## Spot-Curing System

The BlueWave<sup>®</sup> 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.

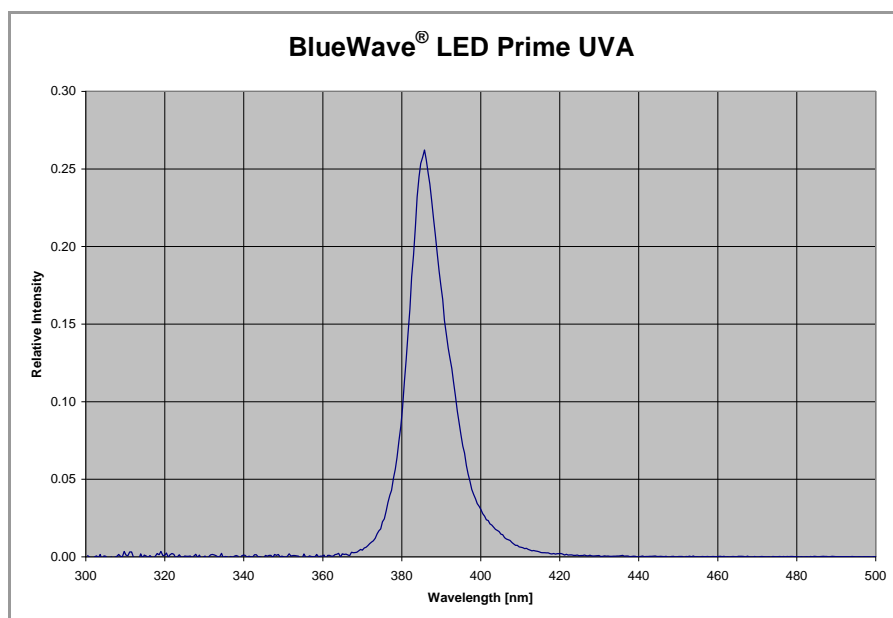
*Please call the Dymax Application Engineering Group for adhesive or coating recommendations best suited for this LED-curing system.*



### 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 <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	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	<b>40321</b> (lightguide #5720 included) <b>40322</b> (lightguide not included)
Recommended Accessories	<b>40505</b> (ACCU-CAL™ LED radiometer)



© 2009-2012 Dymax Corporation. All rights reserved. All trademarks in this guide, except where noted, are the property of, or used under license by Dymax Corporation, U.S.A.

The data contained in this bulletin is of a general nature and is based on laboratory test conditions. Dymax Europe GmbH does not warrant the data contained in this bulletin. Any warranty applicable to products, its application and use is strictly limited to that contained in Dymax Europe GmbH's General Terms and Conditions of Sale published on our homepage [http://www.dymax.com/de/pdf/dymax\\_europe\\_general\\_terms\\_and\\_conditions\\_of\\_sale.pdf](http://www.dymax.com/de/pdf/dymax_europe_general_terms_and_conditions_of_sale.pdf). Dymax Europe GmbH does not assume any responsibility for test or performance results obtained by users. It is the user's responsibility to determine the suitability for the product application and purposes and the suitability for use in the user's intended manufacturing apparatus and methods. The user should adopt such precautions and use guidelines as may be reasonably advisable or necessary for the protection of property and persons. Nothing in this bulletin shall act as a representation that the product use or application will not infringe a patent owned by someone other than Dymax Corporation or act as a grant of license under any Dymax Corporation Patent. Dymax Europe GmbH recommends that each user adequately test its proposed use and application of the products before actual repetitive use, using the data contained in this bulletin as a general guide. LIT267EU 5/15/2012

Dymax Corporation  
860.482.1010  
info@dymax.com  
[www.dymax.com](http://www.dymax.com)

Dymax Oligomers & Coatings  
860.626.7006  
oligomers&coatings@dymax.com  
[www.dymax-oc.com](http://www.dymax-oc.com)

Dymax Europe GmbH  
+49 (0) 611.962.7900  
info\_de@dymax.com  
[www.dymax.de](http://www.dymax.de)

Dymax UV Adhesives & Equipment (Shenzhen) Co Ltd  
+86.755.83485759  
dymaxasia@dymax.com  
[www.dymax.com.cn](http://www.dymax.com.cn)

Dymax UV Adhesives & Equipment (Shanghai) Co Ltd  
+86.21.37285759  
dymaxasia@dymax.com  
[www.dymax.com.cn](http://www.dymax.com.cn)

Dymax Asia (H.K.) Limited  
+852.2460.7038  
dymaxasia@dymax.com  
[www.dymax.com.cn](http://www.dymax.com.cn)

Dymax Korea LLC  
82.2.784.3434  
info@dymax.kr  
[www.dymax.co.kr](http://www.dymax.co.kr)