

# NEWS RELEASE

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Contact: Applications Engineering

## DYMAX Receives Patent for Spot Lamp Intensity Control

[DYMAX Corporation](#), an ISO 9001 certified, world-leading manufacturer of advanced light-curable [adhesives](#), [coatings](#), [epoxies](#), [masking resins](#), and [light-curing systems](#), has been issued U.S. Patent number 7,671,543 for Light Exposure Control Device and Apparatus, covering the invention of their intensity adjustment feature on the [BlueWave® 200](#) and [BlueWave® 75](#) UV/Visible spot-curing systems. These spot-curing systems offer the highest intensity and the most user-friendly operation in the industry. The new, patented intensity adjustment feature, developed by DYMAX employees George Lester and Kirk Middlemass, allows simple, manual intensity adjustment during initial UV process validation and production.

As with any manufacturing process, defining an acceptable processing window is a crucial step in developing a UV-curing process. The patented intensity adjustment feature permits engineers to evaluate the full range of intensity produced by the *BlueWave 200* and *BlueWave 75* systems, from 0 to 100%. Thus, the upper and lower intensity limits of a UV-curing process can easily be established in an actual production setting. When in production, routine radiometer measurements performed in accordance with good manufacturing practices will determine if any further intensity adjustments are required. The average *BlueWave 200* and *BlueWave 75* bulb varies less than 1% over 8 hours of normal use, so daily or weekly adjustments are typically adequate to maintain a tightly controlled process.

With over 25 patents received, this latest patent confirms DYMAX's commitment to creating new technologies that help manufacturers to increase efficiency, quality, productivity, and throughput while decreasing costs.

In addition to their headquarters in Torrington, DYMAX has locations in [Germany](#), [China](#), [Hong Kong](#), and [Korea](#) which serve the assembly needs of the [medical](#), [electronic](#), [optical](#), [automotive](#), [appliance](#), [metal finishing](#), [power generation](#), and [industrial](#) markets worldwide.

[DYMAX Corporation](#) is a leading technology-based company specializing in the formulation, manufacture, and service of advanced assembly [adhesives](#), [coatings](#), [epoxies](#), [masking resins](#), and [light-curing systems](#).

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## CAPTION

DYMAX BlueWave® 200 UV curing spot lamp with patented intensity adjustment feature



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