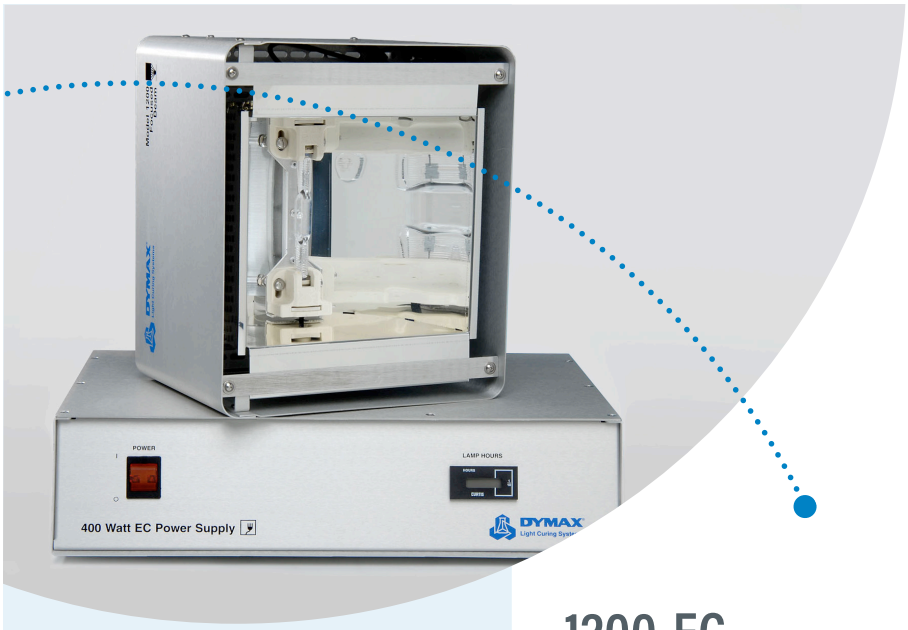

1200-EC

Focused-Beam UV Light-Curing Lamp

- High-intensity 1" x 6" focused beam of UV light
- Ideal for UV curing trays of small parts
- Typical cure times of 10-30 seconds
- Bulbs are warranted for 2,000 hours
- Rugged brushed-aluminum construction
- Can be conveyor mounted or used as stand-alone, bench-top system (with appropriate light shielding)
- 100% UV light shielding available
- 4.5" focal distance

The Dymax 1200-EC focused-beam UV light-curing flood lamp delivers high-intensity UV/Visible light for the rapid curing of UV adhesives, coatings, and inks. This flood lamp delivers broad-spectrum energy concentrated primarily in the UV-A range (320-390 nm wavelength) to achieve maximum cure depths and tack-free curing of a variety of formulations. The lamp is specifically designed for applications requiring high-intensity UV light concentrated in a narrow 1" x 6" beam. The 1200-EC lamp is available with or without shielding and can be used as bench-top curing system or easily integrated into a light-curing conveyor system.

Specifications	
Part Numbers	38110 1200-EC Modular (Power Supply, Housing, Bulb) 39930 1200-EC Modular with Mounting Stand 39920 1200-EC Modular with Light Shield
Bulb Options	38560 Metal Halide (Standard, UVA, Longwave) 36970 Mercury (UVB, Shortwave) 36658 Visible
Output Power	400 Watts
Typical Intensity in the UVA Range (320-390 nm*)	350 mW/cm^2**
Dimensions of Illuminated Area	1" x 6" (2.5 cm x 15.2 cm)
EC Input Power Requirements	Universal 90-265 VAC (grounded), 47-63 Hz
Power Supply Weight	12.25 lbs. (5.6 kg)
Power Supply Dimensions (approximate)	12" L x 16" W x 4.25" H (30.5 cm x 40.6 cm x 10.8 cm)
Housing Dimensions (approximate, L x W x H)	9" x 10.5" x 7.5" (22.9 cm x 26.7 cm x 19.1 cm)
Housing Weight	3.4 lbs (1.5 kg)

* Intensity readings vary widely depending on the make and model of the radiometer. These intensities were measured with the ACCU-CAL™ 50 radiometer.

** Measured 4.5" from the bottom edge of the reflector housing.

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Please note that most dispensing and curing system applications are unique. Dymax does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in Dymax's standard Conditions of Sale. Dymax recommends that any intended application be evaluated and tested by the user to insure that desired performance criteria are satisfied. Dymax is willing to assist users in their performance testing and evaluation by offering equipment trial rental and leasing programs to assist in such testing and evaluations. Data sheets are available for valve controllers or pressure pots upon request. **PB022 8/25/2014**