



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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