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Complete UV Light Curing Flood Systems

Six Popular Packages to Meet Most Curing Needs

The flood light sources listed below are integrated in complete packages ready to plug in and cure for a variety of curing requirements. They are designed to optimize safety and convenience for process controlled cures utilizing the DYMAX 2000 wide area flood and 5000 focused flood reflectors. These light sources are versatile, capable of curing adhesive on parts with large bond lines or multiple parts in trays, or for curing coatings. They are ideal for prototype or bench top production.



2000-EC with Light Shield and Manual Shutter



5000-EC with Light Shield & ZIP™ Shutter

UV Curing Made Easy and Worker Friendly	
Complete protection from UV light	Wide area or focused flood curing
Clear view of curing process	400 Watt UV/visible bulb

Some of Our Most Popular UV Flood Lamp Curing Systems are Featured Below

System	Part Number	Replaces	Features/Recommended Uses
PC-2000 with Light Shield *115 V 50/60 Hz* *230 V 50/60 Hz*	39120 39220	PC-2 complete P/N 35557	Most economical, transformer based moderate intensity light source. Offering an 8" x 8" light curing field, it is suited for curing larger bond areas, or trays of smaller parts
2000-EC with Light Shield	39720	2000-EC complete, P/N 35792	Same as PC-2000 with addition of auto-ranging power supply which absorbs power fluctuations
2000-EC with Light Shield and Manual Shutter	39723	2000-EC complete, P/N 35792; plus shutter P/N 35572	Same as above, but with shutter to manually control light exposure
5000-EC with Light Shield	39820	5000-EC complete P/N 35795	Light is concentrated in a 5" x 5" flooded field to provide dry cures for exposed resin surface
5000-EC with Light Shield and Manual Shutter	39823	5000-EC complete, P/N 35795; plus shutter P/N 35572	Same as 5000 with Light Shield, but with shutter to manually control light exposure
5000-EC with Light Shield and ZIP™ Shutter	39821	5000-EC complete, P/N 35795; plus shutter P/N 37863	Same as above, but shutter can be preset and timed to open and close automatically

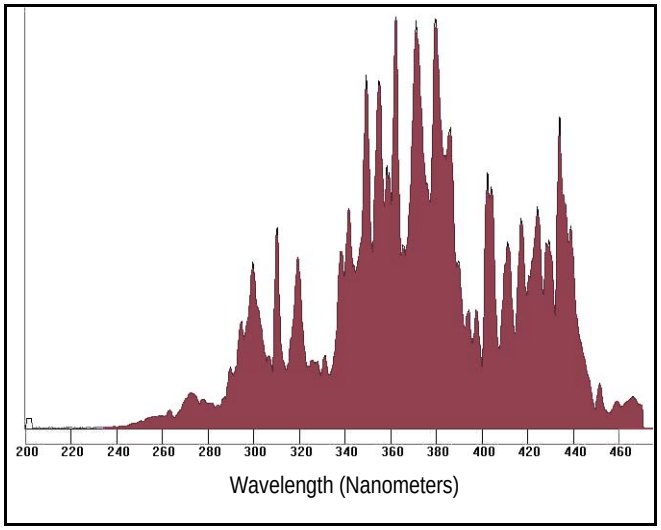
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Features and Specifications

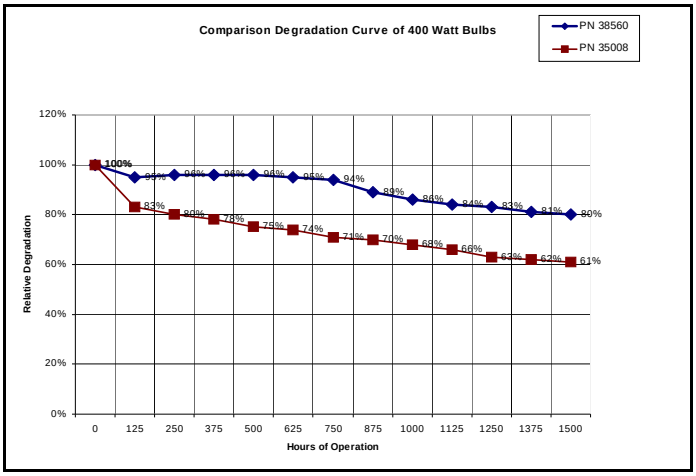
	Light Source	
	2000 **Flood** with EC Power Supply (1)	5000 **Flood** with EC Power Supply and Unfiltered Full Spectrum UV Flood Light
Intensity in the UV-A Range* (320-390 nm)	75 mW/cm^2 (3" from lower edge of reflector housing)	225 mW/cm^2 (3" from lower edge of reflector housing)
Dimensions of the Illuminated Area	8" x 8" (20.32 cm x 20.32 cm)	5" x 5" (12.7 cm x 12.7 cm)
Primary Applications	Curing large stationary parts, trays of small parts and coating on parts	Curing stationary parts, trays of small parts and coatings on parts
Input Power Requirements	90-264 VAC (grounded), 47-63 Hz	
Power Supply Dimensions (L x W x H)	16" x 11.5" x 4" (40.6 cm x 29.2 cm x 10.2 cm)	
Power Supply Weight	12.25 lbs. (5.6 kg)	
Reflector Housing Dimensions (L x W x H)	10.5" x 9" x 7" (26.7 cm x 22.9 cm x 17.8 cm)	6.5" x 6" x 6" (16.5 cm x 15.2 cm x 15.2 cm)
Reflector Housing Weight	6.75 lbs. (3.1 kg)	4.56 lbs. (2.1 kg)
Replacement Lamp	Metal halide – P/N 38560 (standard) or Mercury vapor – P/N 36970 (optional)**	

*Intensity measured using an ACCU-CAL™ 30 Radiometer. ** For curing inks and thin layer coatings
(1) PC is a transformer based power supply available to meet 120 or 220 V: 50/60 Hz requirements

Spectral Output for 400 Watt Standard Bulb



Shows Typical Bulb Degradation Range for DYMAX Flood Lamps



*Bulb life depends on the operation and maintenance of the light source.
See Operation Manual for operation and maintenance parameters to optimize bulb life.

tion, contact your DYMAX Technical Service Representative.

In the U.S. Call: 1.877.396.2988
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In Europe Call: 0049.69.7165.3568
In Asia Call: 852.2460.7038

www.dymax.com

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