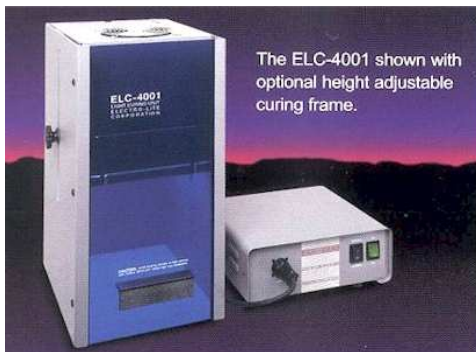


PRODUCT INFORMATION: ELC-4001 UV /VISIBLE Flood Cure System



Specifications:

Auto-ranging input:
90V AC to 264V AC, 50/60 Hz

UV Output: 125mW/cm² @ 365nm

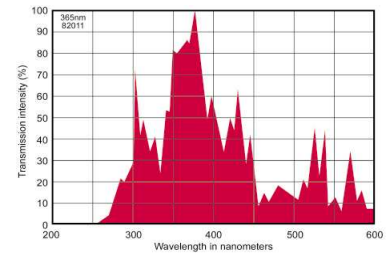
Lamp Input Power: 400 Watts

Module Dimensions:
8"W x 10"H x 8"D (external)

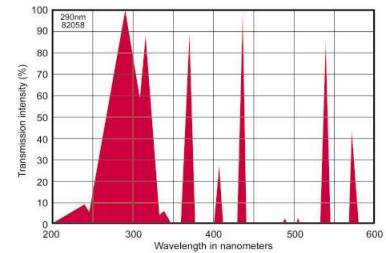
Area of Exposure:
8" x 11"

Weight:
Module: 3.3 lbs
Power Supply: 6.4 lbs

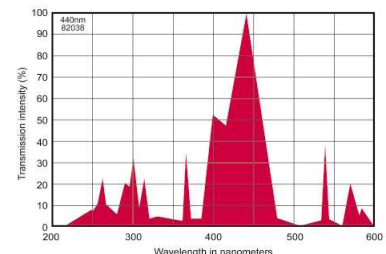
Lamp Module Cable: 12 ft



Standard 365nm Lamp – Long Wave UV



Optional 290nm Lamp – Short Wave UV



Optional 440nm Lamp – VISIBLE Light

Spectral Irradiance from Lightsource

1" (3cm)	5" (13cm)	10" (26cm)	15" (38cm)
125mW/cm ²	85mW/cm ²	50mW/cm ²	30mW/cm ²

ELC-4001 Mounted in Height Adjustable Curing Frame
(All measurements are in mW/cm² at 365nm)

Ordering Information:

P/N 81188: ELC-4001
P/N 82039: Curing Frame w/ shield
P/N 82011: Lamp, UV 365nm
P/N 81435: Lamp, UV 290nm
P/N 82038: Lamp, VISIBLE 450nm

ELC-4001 General Information

Due to its versatility and cost effectiveness the ELC- 4001 is the system of choice for many emerging light cure applications involving electronics, medical devices, and electro-optical assemblies. Its modular design satisfies industry needs for increased productivity, lower energy costs and an end to pollution emissions, while contributing the quality of the assembled product. Whether housed in the optional height adjustable curing frame, positioned over a conveyor, or installed end-to-end for uniform and expanded applications, its compact design offers simple setup with regard to space and orientation.

The ELC-4001 generates 125 mW/cm² of UV energy at peak wavelength of 365nm. Employing a custom designed 400-Watt metal halide lamp, its computer designed, highly efficient reflector assures even light distribution and eliminates the danger of hot-spots or shadowing. The system is equipped with an internal cooling fan, enabling the ELC-4001 to provide maximum light curing intensity at a reduced operating temperature.

The Standard lamp provided with the light module generates the long-wave UVA portion of the spectrum, the most effective in the rapid cure of UV activated materials. For photo-activation of materials requiring short-wave UVB or VISIBLE light energy, optional 400-Watt replacement lamps are available. The ELC-4001 is powered by the ELC-2542, highly efficient, solid state, auto ranging power supply featuring a half power mode that provides a hot-strike capability for increased lamp life.