

EQ CL36 LED Cure Chamber**2331226****EQ CL36 LED Cure Chamber**

The Loctite® EQ CL36 LED Curing Chamber is a high-performance LED UV curing station that's been specifically designed and engineered for curing 3D printed parts made from Loctite resins.

Providing a reliable and professional post-curing solution, the EQ CL36 offers 405 nm UV light from multi-directional UV LEDs and a rotating turntable ensure complete penetration.

The chamber is a closed system, offers a user-friendly interface, variable intensity, and accommodates the manual loading of parts.



The large cure area allows for a wide range of part sizes and the LED floods provide instant on/off operation, do not emit infrared emissions, and have an expected LED life of approximately 20,000 hours.

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Product Features

- Variable light intensity
- Two 200mm x 200mm LED flood lights, top and side
- Rotary table with 2kg payload
- Touch screen user interface with color display
- Accepts part sizes up to 300mm x 300mm x 255mm
- Independently adjustable digital timers for top and side LED floods
- Uniform intensity throughout chamber volume

Product Benefits

- Variable intensity capability allows adjustment of the light intensity based on the application and resin type, resulting in optimal cured performance of the resin. Adjustable from 10-100% in 1% increments
- Large 200 x 200mm top and side LED flood lights allow for a wide range of part sizes. LED floods provide instant on/off and do not emit infrared emissions, which can cause part warpage. LED life ~ 20,000 hours
- High capacity rotary table helps ensure uniform curing by greatly reducing blind spots
- Touch screen display is easy to use and allows all settings to be seen and adjusted from a single screen

- Large volume chamber accepts parts from most DLP/SLA printers
- Independent time control of top and side LED floods enables cure optimization, based on the application and the resin. Time is adjustable from 1s to 99m:59s for each LED flood
- Uniform output of the LED floods ensures uniform part quality throughout

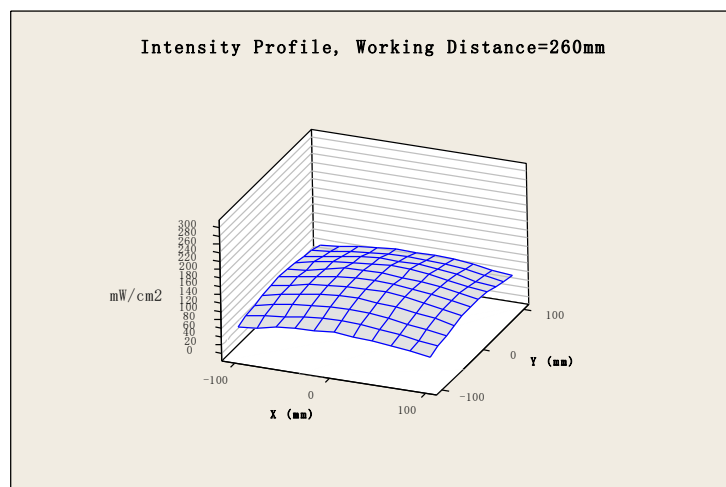
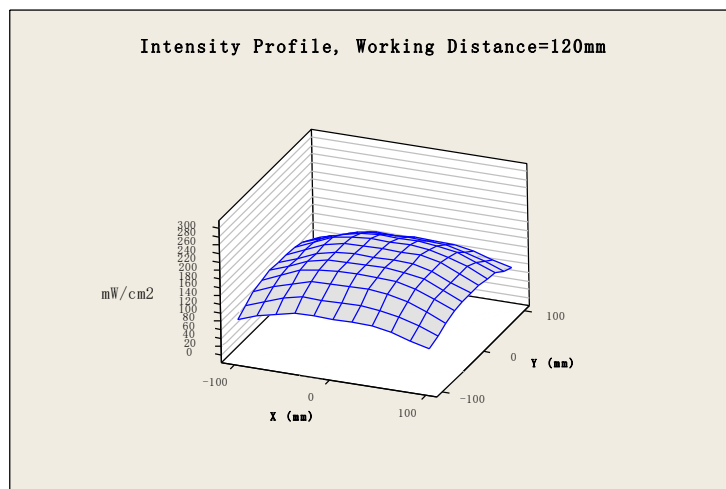
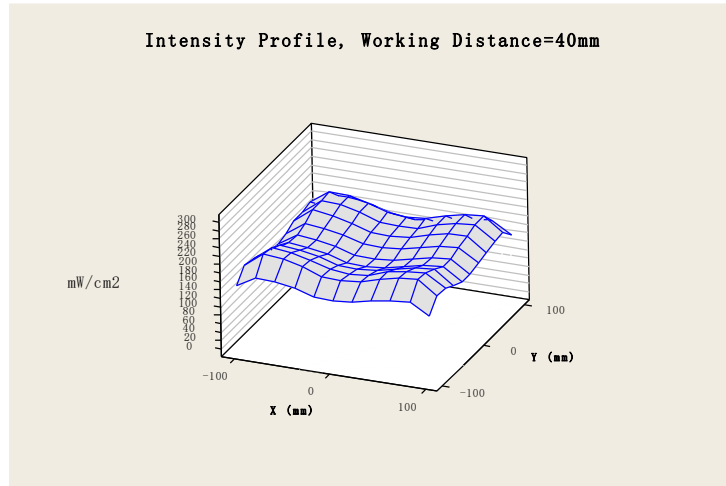
Technical Data

- Overall Dimensions, L x W x H
471.05 x 372 x 573 (mm)
- Cure Chamber Dimensions, L x H x W
304 x 300 x 255 (mm)
- Weight, lbs. (kg):
110 (50kg)
- Power Supply:
110-240VAC 50/60Hz
- LED Wavelength:
405nm
- Maximum Intensity:
205mW/cm² @40mm WD
- Recommended Operating Temperature:
+10 °C to +40 °C (+50 °F to +104 °F)

Accessories

- | IDH # | Description |
|-----------|------------------------|
| ● 2423147 | EQ CL36 Cable |
| ● 2423148 | EQ CL36 LED Controller |
| ● 2423149 | EQ CL36 LED Flood head |

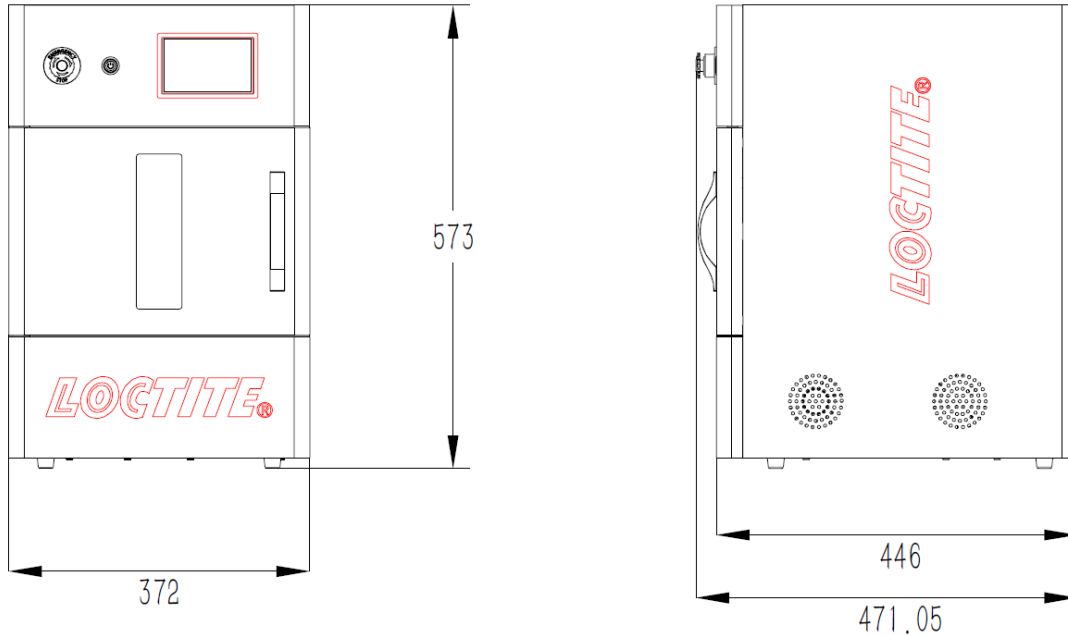
Typical Intensity Profiles



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Dimensions:



Note

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