

Curing lamp

Specification Sheet

Model Number:

SJZX-CT-01095-400W

Images

Positive figure



Rear view



Profile



Stereogram



Dimensions



Brief Introduction:

This Curing lamp is fully independently developed, featuring a chemical reflector cup and high-quality UV lamp beads. It includes seven built-in ball fans for low noise and fast heat dissipation. The one-touch switch allows for instant use without preheating. The standard configuration includes a three-prong plug (with a 1-meter power cord) and a universal socket (supporting up to five tubes in series).

There are two different installation methods for this Curing lamp: hanging rope installation and stand installation (standard with four brackets). The product's exterior design and circuitry are independently developed by our company. It uses precision die-cast aluminum and incorporates three high-speed fans for heat dissipation. This Curing lamp is suitable for UV-related items and allows for immediate curing without preheating, providing fast curing speeds.



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Parameters

| | |
|---------------------------|-------------------------------|
| Product Name | Curing lamp |
| Model Number | SJZX-CT-01095-400W |
| Rated Power | 400W |
| Input Voltage | 85V-265V |
| Lifespan | 30000 hours |
| Main Material | Aluminum +Iron |
| LED Chips | 180 pieces |
| Lamp Size | 630*120*60mm |
| Net Weight | 1.79kg |
| Wavelength Options | 395nm/365nm/385nm/405nm/415nm |

Radiation data

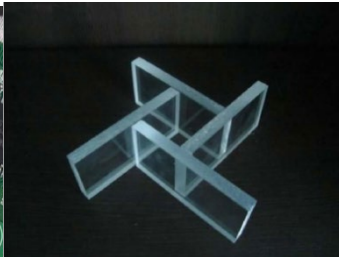
| (400W, 395nm, 5 Seconds testing result) IRRADIATION AREA&ENERGY VALUE | | | |
|----------------------------------------------------------------------------------|----------|----------|----------|
| IRRADIATION Height | 3cm | 5cm | 10cm |
| IRRADIATION AREA | 61*14cm | 63*15cm | 65*16cm |
| ENERGY VALUE | 2821mj/c | 2374mj/c | 1882mj/c |

Applications:

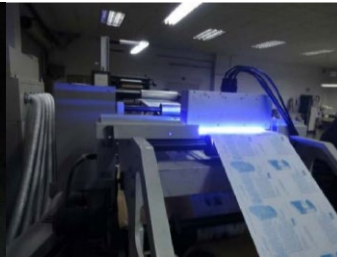
The main application scenarios for this Curing lamp are: PCB curing, shadowless adhesive curing, ink curing, UV glue curing, resin crystal glue curing, exposure curing, OCA adhesive curing, 3D printing curing, traceless hook fixing, crystal painting, UV paint, and edge repair of uncured areas.



PCB curing



Shadowless adhesive curing



Ink curing



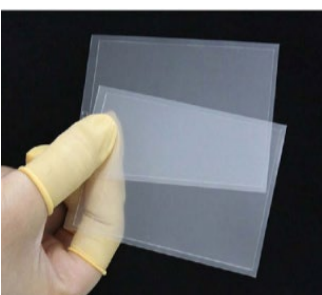
UV glue curing



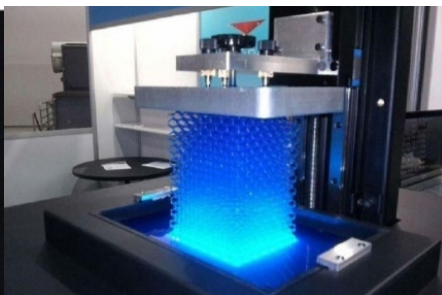
Resin crystal glue curing



Exposure curing



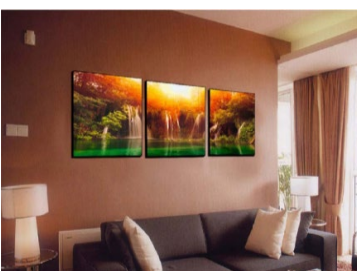
OCA adhesive curing



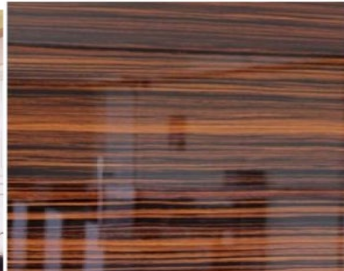
3D printing curing



Traceless hook fixing



Crystal painting



UV paint



Edge repair of uncured areas.

Advantages

LED Curing lamp comparison to traditional mercury lamps:

- **Non-toxic and environmentally friendly:** Contains no mercury, does not produce ozone, safe for the environment
- **Compact size:** Small light source with a large design space, enabling longer application durations
- **Longer lifespan:** UVA LED lasts 10 times longer than mercury lamps, approximately 25,000-30,000 hours
- **Lower energy consumption:** UVA LED consumes 10% of the power of mercury lamps, saving 90% of electricity
- **Low thermal radiation:** Low surface temperature rise on illuminated objects, avoiding heat damage
- **High reliability:** Stable light output with uniform illumination, improving work efficiency
- **Instant activation:** Instant use with no preheating required to achieve 100% UV output



