

Dongguan Zhiding Electronics Technology Co., LTD

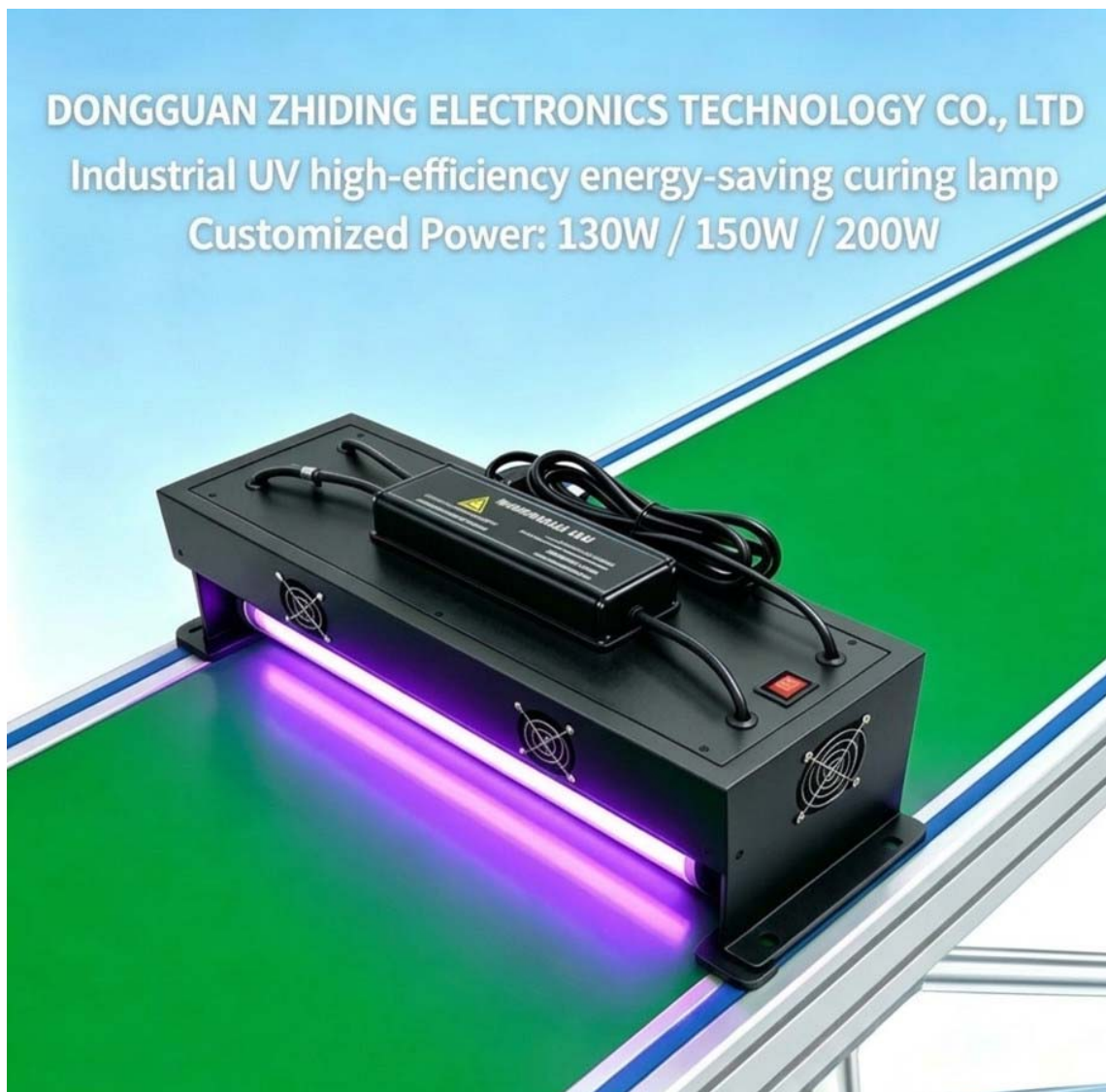
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150W Dual-Wavelength Industrial UV Curing Lamp

Part number: P48UVGL150

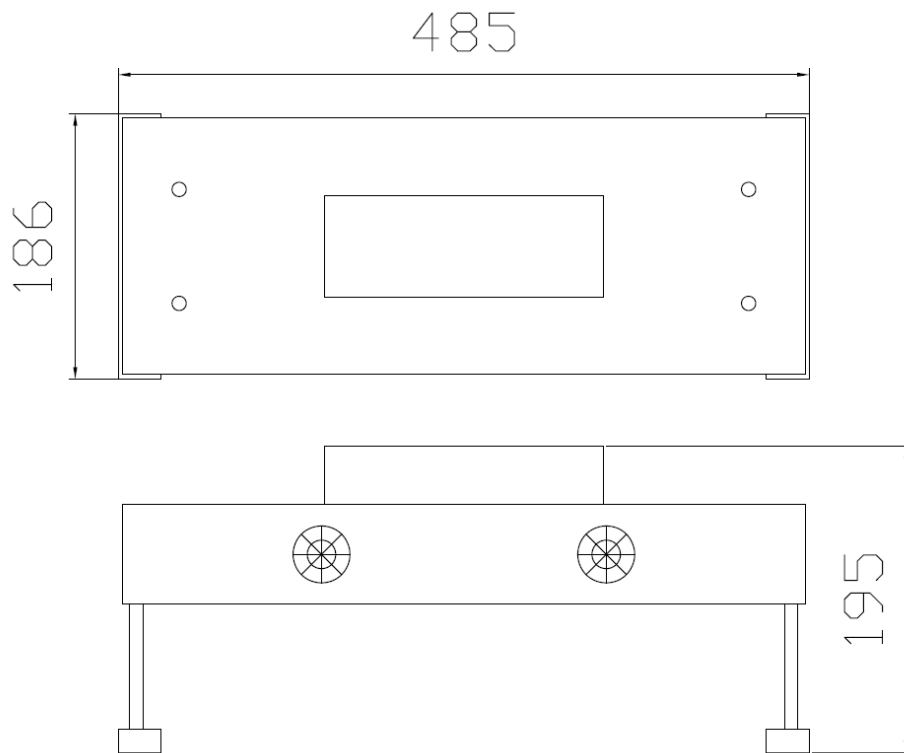
150W dual-band UV LED curing lamp with 365nm + 395nm wavelengths, engineered for fast UV adhesive curing, UV ink drying, and conformal coating on electronics, automotive parts, and precision assemblies.



Why 150W is our most "borrowed" model in the workshop.

We noticed something funny last year. Whenever our engineers need to test a new adhesive in the lab, they always grab the 150W unit. Not the 130W, not the 200W. Why? Because it's the most "neutral" tool we have.

If you run a job shop, you know the pain: Monday you are curing tiny sensors, Wednesday you are doing big automotive trims. You don't want to change the lamp every time. This 150W model is the one we keep on the main line. It's not too weak for big jobs, not too hot for small parts. It just sits there and works, which is why we barely have any sitting in stock—they are always out on the floor or on trucks.



By combining short-wave and long-wave ultraviolet output, the P48UVGL150 improves cure uniformity and material compatibility, especially for transparent, colored, or filled polymers used in electronics assembly, automotive trim bonding, and industrial printing.

Light switch effect demonstration



We offer a complete lineup of industrial UV LED curing lamps (130W, 150W, and 200W) to match your specific application requirements. Whether you need deep penetration for electronics, versatility for automotive parts, or maximum speed for high-volume lines, select the model below that aligns with your curing area, material type, and production tempo.

Feature / Model	P48U36GL130	P48UVGL150	P48UVGL200
Power Consumption	130W	150W	200W
LED Wavelength	Single: 365nm	Dual: 365nm + 395nm	Dual: 365nm + 395nm
LED Quantity	96 PCS	128 PCS	144 PCS
UV Irradiance (@100mm)	300 $\mu\text{W}/\text{cm}^2$	500 $\mu\text{W}/\text{cm}^2$	800 $\mu\text{W}/\text{cm}^2$
Best Application	Deep Cure & Electronics • PCB soldering • Chip encapsulation • Transparent glass/plastic bonding	Multi-Material & Printing • Automotive parts • Mixed plastics/metal • UV ink drying	High-Speed & Large Area • Thick bond lines • Large surface curing • Fast conveyor lines
Curing Speed (Ref: UV9299)	10s ($<0.05\text{ cm}^3$)	10s ($<0.1\text{ cm}^3$)	10s ($<0.2\text{ cm}^3$)
Physical Size	485 × 186 × 195 mm	485 × 186 × 195 mm	485 × 186 × 195 mm
Net Weight	4.61 kg	4.68 kg	4.75 kg
Standby Power	3.5W	3.5W	3.5W
Certification	CE / UL / 3C / UKCA	CE / UL / 3C / UKCA	CE / UL / 3C / UKCA
Recommended For	Precision assembly, labs, and deep penetration needs.	General manufacturing, automotive, and printing factories.	Mass production lines requiring maximum throughput.

Widely used and fast curing

UV light curing in seconds



LED UV ink



Welding point protection



UV shadowless glue curing



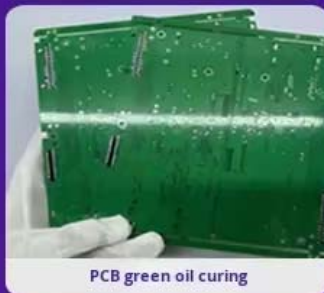
UV curing glue



3D model sub-curing



Fluorescent painting



PCB green oil curing



Mobile phone repair



22002549 Automotive putty curing

Package and shipping:

Customized packaging: Since UV LED lights are prone to shock We know our lamps are sturdy, but the shipping company doesn't think so. If a 5KG industrial lamp drops to the ground, it's a sign of a disaster. That's why we abandoned the standard packaging two years ago.

Customized molded foam: We won't use those fragile "pebbles" or generic fillers. We have specifically invested in customized molds for a 485mm body. The foam density is 30KG per cubic meter, which means the lamps are placed very stably with no room for any shaking.

Double-layer reinforced packaging box: The outer packaging not only has thick cardboard but is also a five-layer corrugated cardboard export box. We tested dropping an 10-kilogram item inside from a 1-meter height. The box deformed, but the lamps inside had no scratches.

Some customers questions:

Q1: We have a small conveyor, only about 400mm wide. Will this thing hang over the edge?

A: Good catch. The body is 485mm wide. If your conveyor is exactly 400mm, the lamp will indeed stick out a bit on both sides. But honestly, that's fine. The light is focused in the center. We usually tell customers to just mount it slightly higher, or if it bothers you, we can custom-make a narrower bracket.

Q2: Is the 395nm light visible? I'm worried it will blind my workers.

A: Yeah, you can see a faint purple glow, especially in a dark room. It's not like a laser that will burn your eyes out, but staring directly at it for hours isn't great. We always recommend putting a simple shield around it or giving your guys basic UV goggles. Safety first, man.

Q3: Can I use this to cure silicone? We've had trouble with other lamps.

A: Silicone is tricky. It usually needs a very specific wavelength (often around 385nm or 405nm). Our 150W is 365+395. It might work if your silicone is standard, but I'd be lying if I said it's the best. If you send us a small piece of your silicone, we can do a free test here to be sure. No charge.

Q4: What happens if the power goes out suddenly while it's curing?

A: Nothing dramatic. The lamp just turns off. The UV stops instantly (that's the benefit of LED over mercury). When the power comes back, it stays off until you hit the start button again. It won't restart by itself and ruin a batch of parts.

Q5: Do you ship to Mexico? And how bad are the customs fees?

A: We ship to Mexico all the time. Customs fees are always a pain, no way around it. But since we have the CE and UL certs, the paperwork usually goes through smoother than cheap no-name brands. We can list it as "LED Lighting Equipment" to keep the duties reasonable.

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