



Your Partner in IR and UV Technology

Air-Cooled UV LED Curing System





Revolutionising Print Curing Efficiency

VICTORY Air-Cooled UV LED curing system delivers unmatched curing performance and energy efficiency for demanding flexographic and narrow web printing environments.

Engineered with cutting-edge LED technology, this air-cooled system provides 26 W/cm of peak irradiance, enabling high-speed curing with exceptional print quality and reduced operating costs — without the complexity of water cooling.

High-Performance 26 W/cm LED Technology for Flexo, Narrow Web & Label Printing



Features

1. High-Power Output

- 26 W/cm irradiance ensures complete curing at the highest production speeds.
- Optimised optical design provides uniform UV intensity across the web width for consistent results.

2. Air-Cooled Efficiency

- Advanced thermal management eliminates the need for water lines, pumps, and chillers.
- Compact, lightweight design simplifies integration into existing presses.
- Quiet, efficient fans maintain optimal LED temperature for long-term stability.

3. Instant On/Off Operation

- No warm-up or standby required — instant curing from the first label.
- Reduces downtime and power consumption during press stops.

4. Long LED Lifetime

- Less than 20,000 hours of LED life minimises maintenance and replacement costs.
- Stable UV output ensures consistent curing over the entire service life.

5. Environmentally Friendly

- Mercury-free and ozone-free operation meets modern sustainability goals.
- Up to 70% energy savings compared with traditional mercury arc lamps.

6. Modular & Scalable

- Available in custom widths for narrow web applications up to 600 mm.
- Modular design allows easy retrofitting to existing flexo or hybrid presses.
- Optional integration with press control systems for automated operation.

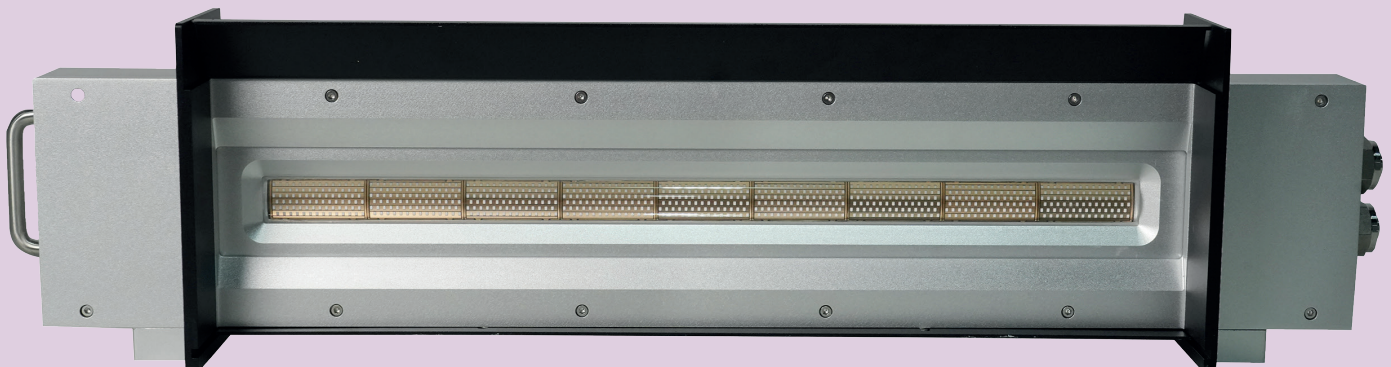


Technical Data

AIR-COOLED UV LED CURING SYSTEM

Technical Specifications

Parameter	Value
Peak Irradiance	26 W/cm
Wavelength Options	365 nm / 385 nm / 395 nm / 405 nm
Cooling Method	Air-cooled (integrated fans)
Typical Working Distance	5–15 mm
Lifetime	>20,000 hours
Input Voltage	230 V AC (single phase)
Communication Interface	Ethernet / RS485 / Analog / Digital
Dimensions	Customisable to press width
Control Options	Local HMI / Press integration



Whether you're printing **labels, flexible packaging, or shrink sleeves**, Victory Air-Cooled UV LED system provides the performance, reliability, and energy efficiency required to stay competitive. Its **air-cooled architecture** makes it ideal for compact press environments, while its **high irradiance** ensures compatibility with a wide range of **UV LED inks, coatings, and varnishes**.



Technical Data

AIR-COOLED UV LED CURING SYSTEM

Applications

- Flexographic printing
- Narrow web label production
- Hybrid digital/flexo presses
- Varnish and overprint coating stations

Benefits

- Instant-on performance
- Maintenance-free operation
- Compact, easy integration
- High curing speeds
- Sustainable, mercury-free design
- Long lifetime with consistent UV output



© Victory Lighting (UK) Ltd 2026

The information contained in this literature is for general information purposes only. Victory Lighting (UK) Ltd endeavours to keep the information up to date and correct, but makes no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information, products, services, or related graphics contained in this literature.

Victory Lighting (UK) Ltd accepts no liability for any loss or damage including without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of data or profits arising out of, or in connection with, the use of this literature.

VICTORY

Victory Lighting (UK) Ltd
10 Chartmoor Road, Leighton Buzzard, Bedfordshire, LU7 4WG

Contact us today

And learn more about our Ultraviolet technology solutions

+44 (0) 1525 487960

sales@victorylighting.co.uk

victorylighting.co.uk

VICTORY
ULTRAVIOLET

