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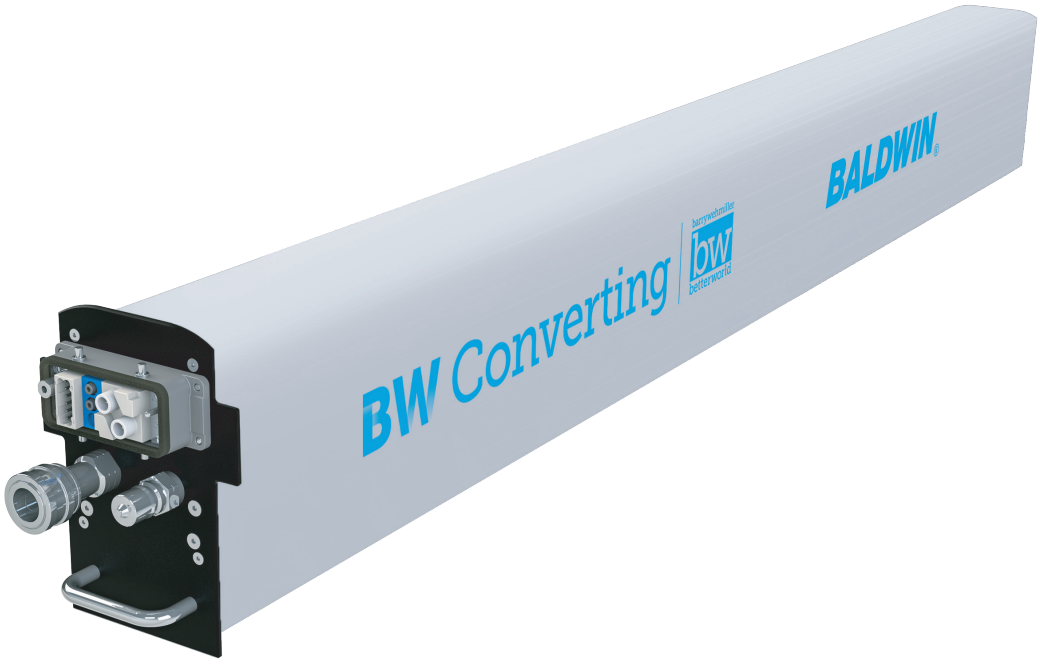

QuadCure Unity UV

Powerful, Hot Swappable, and Efficient Curing for Printing and Industrial Applications

Optimized for End-of-Press:
QuadCure Unity UV is specifically designed to cure inks and coatings at the end of sheetfed presses, with a single lamphead.

BALDWIN®

Specifications per Module

Max Electrical Power: 320 W/cm (600 W/in)

Spectrum: Mercury (variants available on request)

Available Widths: 737 mm (29 in), 940 mm (37 in), 1016 mm (40 in), 1042 mm (41 in)

Standard Cross-section Dimensions (lamphead): 116 mm (W) x 200 mm (H)

Cooling: Air plus liquid-cooled (treated water)

Maximum Operating Temperature: 40 °C (104 °F)

Standard Maximum Humidity: Non-condensing

Benefits

1 **Optimized for End-of-Press:** QuadCure Unity UV is specifically designed to cure inks and coatings at the end of sheetfed presses, with a single lamphead.

2 **Hot Swappable Option:** QuadCure Unity UV's design allows for seamless swapping with our Unity™ LED lamphead. This allows for quick turnaround time between jobs that use different UV systems. Hot swappability is available optionally with a control cabinet upgrade. Unity's interface automatically switches between power supplies, offering seamless integration of arc and LED UV on one machine.

3 **Cool Operating Temperatures:** Designed for the most demanding UV curing requirements. QuadCure Unity UV's fluid-cooled shutters were designed using ray tracing technology, enhancing the focused beam of UV energy. The four dichroic reflectors ensure a consistent beam of UV energy where it is needed - on the substrate. The unique design of the lamphead also minimizes the amount of direct IR heat build up within the module itself.

4 **Increased Productivity:** Easy-to-install design enables minimal press downtime. Powerful UV curing allows presses to run at full speed.

5 **Designed for Simplicity and Flexibility:** Small footprint allows for a broader range of applications. Optional doped bulbs extend gamut of curing functions and applications. Effective curing for compliant requirements such as medical, low-migration, high end cosmetic, liquor, and folding cartons.

6 **Reduced Energy Costs:** Provides significant energy savings over traditional 2 and 3 lamp end-of-press systems. 34 Kw (one unit) compared to 48 Kw (2 lampheads) or 57 Kw (3 lampheads).