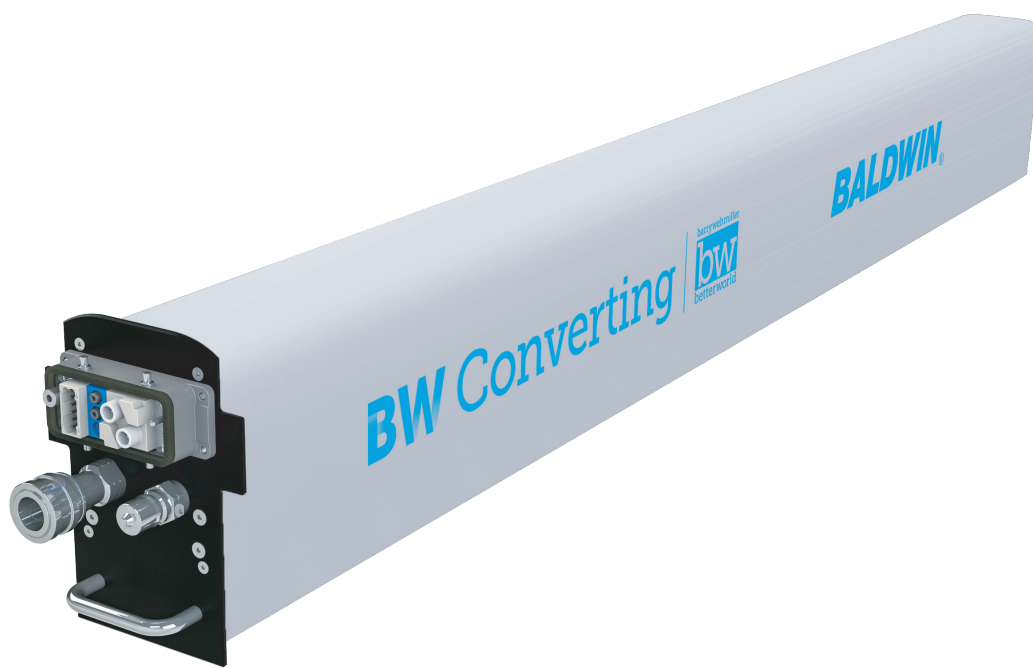


# BW Converting

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# QuadCure UV

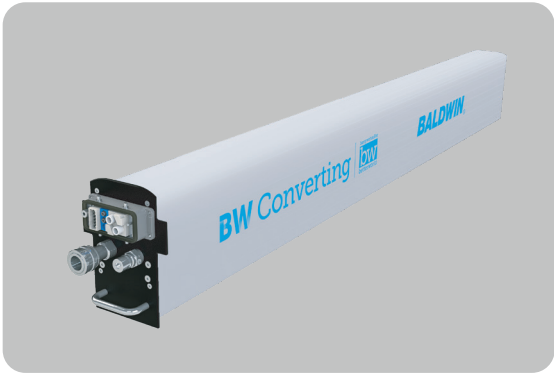
Powerful, Simple, and Efficient Curing  
for Printing and Industrial Applications

**Optimized for Presses with Multiple Print  
Units and Factory Production Lines:**

High-power, efficient design. QuadCure UV  
is perfect for sheetfed inter-station,  
central impression (CI) presses, and  
narrow- or mid-web flexo presses.

**BALDWIN®**

# Specifications per Module



<b>Max Electrical Power:</b> 240 W/cm (600 W/in)
<b>Spectrum:</b> Mercury (variants available on request)
<b>Maximum Length:</b> up to 1650 mm (65 in)
<b>Standard Cross-section Dimensions (lamphead):</b> 116 mm (W) x 200 mm (H)
<b>Cooling:</b> Air plus liquid-cooled (treated water)
<b>Maximum Operating Temperature:</b> 40 °C (104 °F)
<b>Standard Maximum Humidity:</b> Non-condensing

## Benefits

- 1 Optimized for Multi-Print-Unit Presses:** High-power, efficient design. QuadCure UV is perfect for sheetfed inter-station, central impression (CI) presses, and wide, mid, and narrow presses.
- 2 Industrial Uses:** QuadCure UV is also perfect for curing coatings and adhesives in manufacturing lines in industries like commercial, wood, plastic, medical, food & beverage packaging, and sanitation.
- 3 Cool Operating Temperatures:** Designed for the most demanding UV curing requirements. QuadCure'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 consumption savings over less efficient arc UV systems. This design also increases the life cycle of the entire UV curing system.
- 7 Compact Option:** For smaller spaces, QuadCure Compact option is available: 102 mm (W) x 123 mm (H)