

# XP-I Series™ LED-UV Curing Module

**Dura Connect™** hardware provides industrial-strength water and electrical connections



**Cool Phase™** patented dual-pass, high-flow water cooling system keeps the entire module the proper temperature while operating



**Extendable Profile™** form factor can be built to any length, providing seamless curing that is gap-free



**Chip Connect™** patented interconnect architecture allows for sectional control and the ability to easily upgrade or replace the LED chips



**Quick Mount™** universal T-slot mounting rails provide quick mounting to a variety of machinery and make units easy to service



**Peak Optics™** make it possible to mount the module at different distances from the to-be-cured substance while still achieving a secure cure

**NS Series™** LED chip arrays deliver the highest curing intensities available (42W/cm<sup>2</sup>) and feature sealed semi-conductor components, which allow the chips to work in a variety of rugged environments



**SPECTRAL UV**<sup>®</sup>  
A **BALDWIN** Technology Company



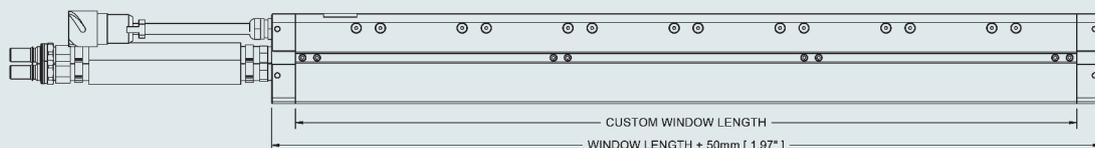
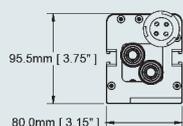
# XP-I Series™ LED-UV Curing Module

XP-I Series™ LED-UV modules from AMS Spectral UV offer the most advanced curing solution for printing applications in the world. They offer unmatched reliability, extreme flexibility, and secure curing at unbeatable speeds. For printers and converters, they provide the ability to cure inks and coatings on a host of substrates, from micro-thin shrink films to corrugated materials, cardboard, paper and metal.

OEMs and those seeking curing for other applications can rest assured that XP-I modules use the most advanced LED chips available, which provide the world's highest curing intensities, making the investment in this technology secure for the long term.

## Key features

-  Peak Optics™ for secure curing at varied distances from the substrate/media/polymer
-  100% liquid-cooled housing ensures the lowest possible curing temperatures
-  Replaceable, upgradeable LED Chips future-proof your investment
-  Maintenance-free, rugged design is field-proven in industrial environments
-  Turnkey retrofit options and solutions for OEMs are both available
-  Units can be built up to 3.2m (126") wide to ensure no gaps in curing



## Technical parameters

Intensity	Power densities up to 42 W/cm <sup>2</sup>
Wavelengths	340, 365, 385, 395, 405nm and MultiWave™ options
Chip Life	Extremely long life (up to 20,000+ hours) when operated in proper conditions
Cooling	20°C (68°F) water
Safety Conformance	CE and RoHS compliant; conforms to UL standards

