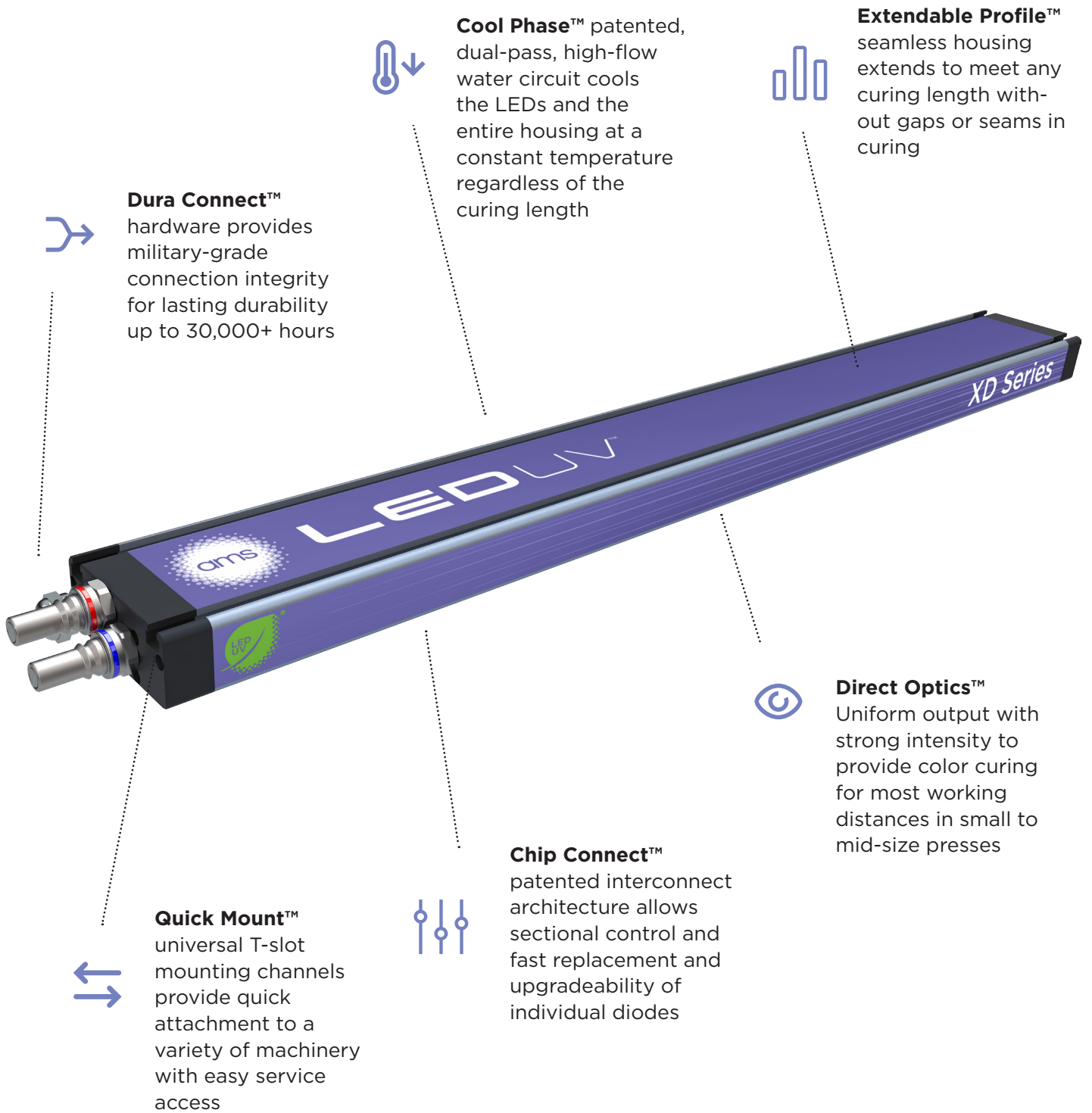


# XD Series™ LED UV™ Module

Low Profile Curing – All Machines



**Dura Connect™** hardware provides military-grade connection integrity for lasting durability up to 30,000+ hours



**Cool Phase™** patented, dual-pass, high-flow water circuit cools the LEDs and the entire housing at a constant temperature regardless of the curing length



**Extendable Profile™** seamless housing extends to meet any curing length without gaps or seams in curing



**Direct Optics™** Uniform output with strong intensity to provide color curing for most working distances in small to mid-size presses



**Chip Connect™** patented interconnect architecture allows sectional control and fast replacement and upgradeability of individual diodes



**Quick Mount™** universal T-slot mounting channels provide quick attachment to a variety of machinery with easy service access



# XD Series™ LED UV™ Module

## Key Features



XD Series™ (Extendable Direct Energy™) LED UV modules from AMS provide a fast, affordable option to integrate LED UV curing in machines of all sizes. With the lowest profile design of an LED module in the industry, XD can be integrated into machines with very little space. A patented, liquid-cooled design features replaceable LED chip packages for long-term assurance of investment.

### KEY FEATURES



Direct Optics™ for Uniform Output at Multiple Working Distances to the media



Replaceable, Upgradeable LED Chips future-proof the investment far into the future



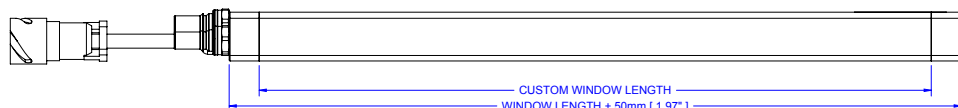
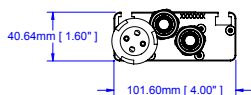
Maintenance Free, Rugged Design is built around a field-proven LED architecture



Segmented LED Output Option matches format widths and further reduces energy



Seamless, Gap-less LED Widths up to 3.2m (126") ensure no gaps in curing



### Technical Parameters

Intensity	Power densities up to 25 W/cm <sup>2</sup>
Wavelengths	340, 365, 385, 395, 405nm Options
Chip Life	Up to 15,000+ Hours (or 5 years)
Cooling	25°C (77°F) water
Safety Conformance	CE, RoHS, UL
Lamp Mounting	Fixed in deliver and in the perfecting box
Press Speed	Perfecting up to 13,000 SPH; straight up to 15,000 SPH
Ink Density	Up to 300% CMYK with standard ISO 12647-2 density values

