

FireLine™ FL200

Product Brief



Phoseon Technology is the world leader in developing UV LED based curing systems. Phoseon's patented Semiconductor Light Matrix (SLM)™ technology encapsulates LEDs, arrays, optics and cooling to maximize curing performance. The FireLine FL200 consists of UV light source, controller, and cables.



BENEFITS		FEATURES
High Performance		20W/cm ² irradiance with angle reduction optics and Ethernet technology
Easy Integration		Small form-factor for space challenged environments
Scalable		Place light sources end-to-end to cover larger areas

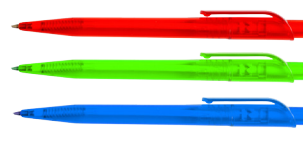
APPLICATION MARKETS



Tubes and Containers



Bottles



Cylindrical Objects

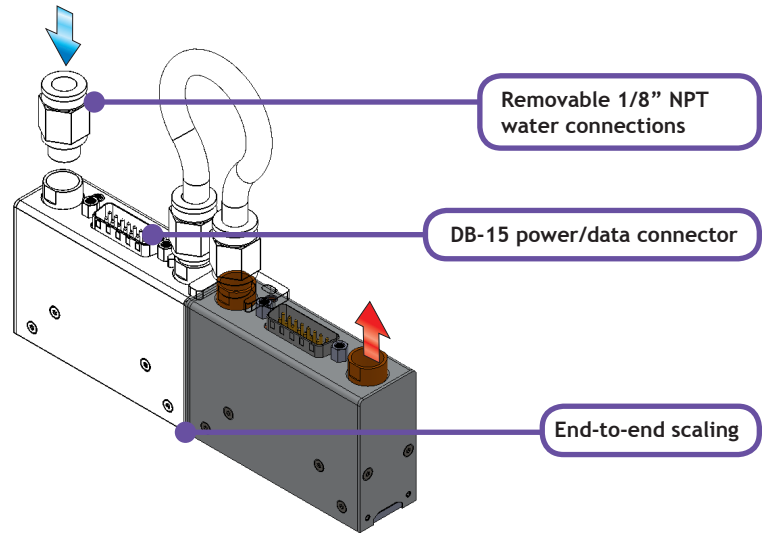


Digital Inkjet

The Leader in UV LED Curing

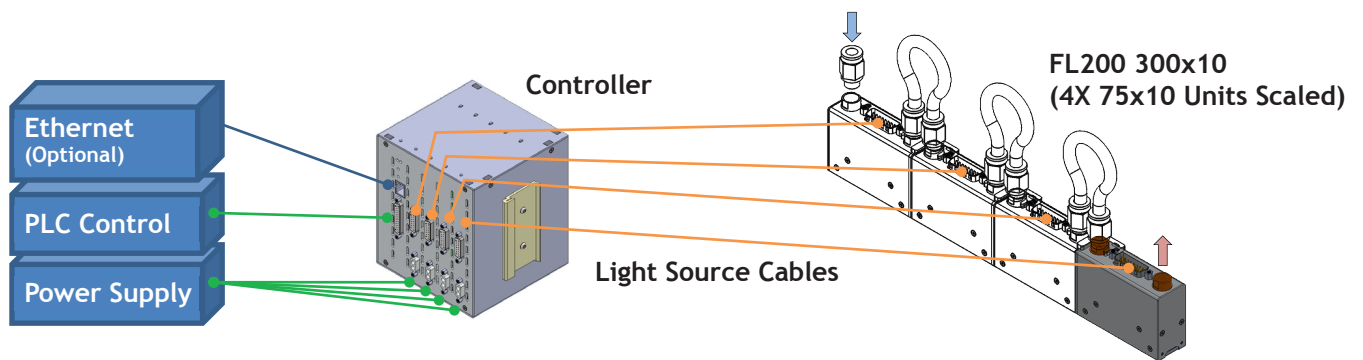
LIGHT SOURCE

	385, 395nm	
Peak Irradiance	20W/cm ²	
Emitting Window (mm)	75x10	125x10
48V Power In (Typical)	400W 8.4A	675W 14A
48V Power In (Max)	480W 10.0A	805W 16.8A
Chiller/Cooler Capacity	360W	540W
Chiller/Cooler Flow Rate	2LPM	2LPM
Pressure Drop	0.002 Bar 0.03 psi	0.002 Bar 0.03 psi



CONTROLLER & LIGHT SOURCE SETUP

- Individual control for up to 4 light sources
- Digital control and monitoring (Ethernet)
- Analog control
- DIN rail mounting
- Controller to light source(s): 20m (max)
- Single water in/out: up to 500mm
- Scalable light source
- Removable water fittings



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