

Nexus II

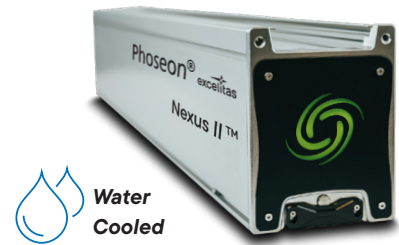
Air-cooled Product Specifications

UV LED SLM™ Technology

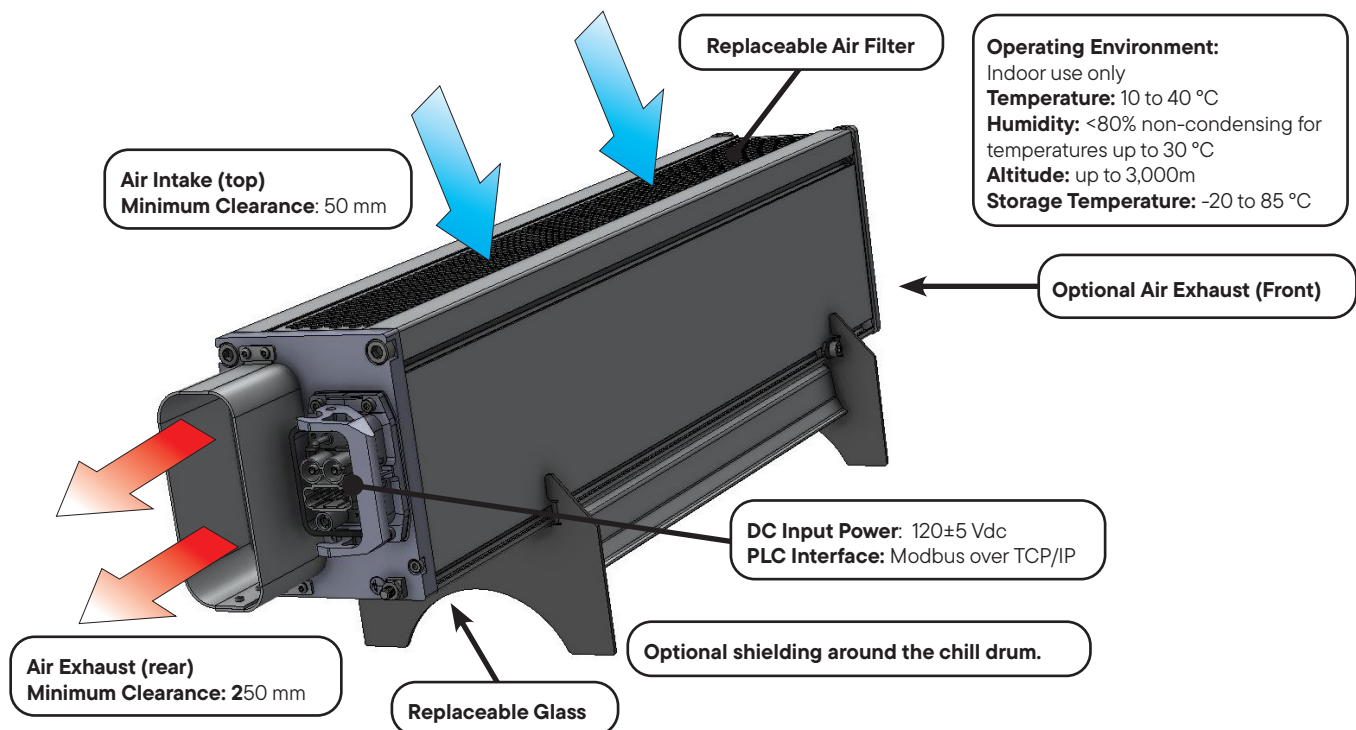
Excelitas® is the world leader in UV LED solutions for commercial and industrial applications with products that deliver superior performance and real-world reliability for UV curing of adhesives, coatings and inks. Our patented Semiconductor Light Matrix (SLM)™ technology was developed with meticulous design engineering of LEDs, arrays, optics, and cooling architecture to deliver optimum UV LED curing performance.

The Phoseon Nexus II™ air-cooled UV light source, which features a unique UV LED SLM™ design, delivers an ultra-high UV dose that is ideal for demanding curing applications. Patented SLM control technology allows uniformity to be optimized during operation, in real time, without the need to take the UV LED source offline.

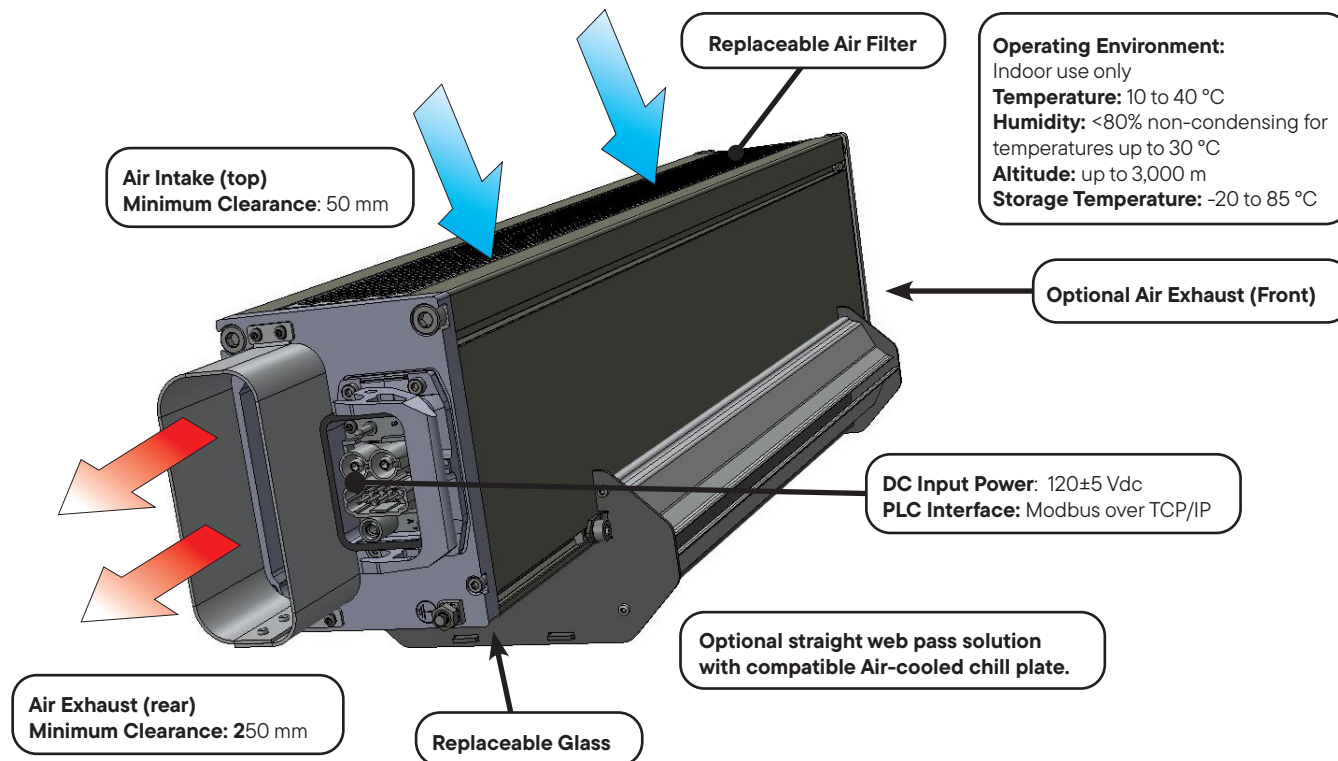
In addition, all Nexus II systems provide both real-time and historical data through the Nexus DataHub, giving users greater visibility and control over their curing processes.



Light Source Setup (Chill Drum, optional shielding shown)



Light Source Setup (Flat Web, optional shielding shown)



Performance

Wavelength	395 nm				
SLM™ Light Output Energy per Segment	65W				
Max. Web Width (mm)	300	375	450	525	600
120±5V Power In (Max)	2040W 17A	2600W 22A	3200W 27A	3960W 33A	4560W 38A

Phoseon Swirl Color Indicates Lamp State



UV OFF,
Station Disabled



UV OFF,
Station Enabled



UV ON



Warning



Fault

Dimensions

Units of measurement (rounded)*: mm

Nexus II					
Emitting Window	300	375	450	525	600
Length (L)	598	680	748	823	898
Width (W)	112	112	112	112	112
Height (H)	147	147	147	147	147
Weight (kg)	7	9	11	13	15

