

Nexus ONE



Air-cooled Product Specifications

Phoseon UV LED SLM™ Technology

Phoseon Technology is the world leader in providing UV LED solutions for commercial and industrial applications. Phoseon's products deliver superior performance and real-world reliability for UV curing of adhesives, coatings and inks.

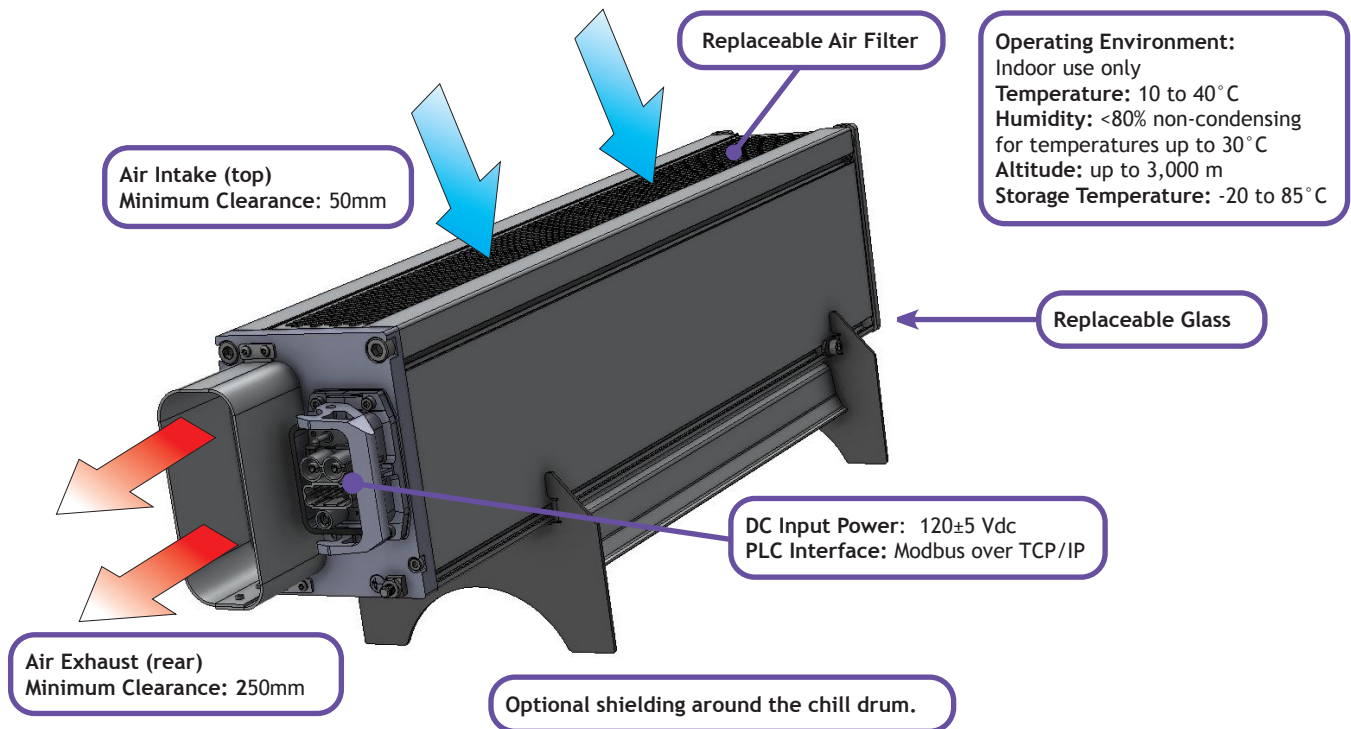


Air
Cooled

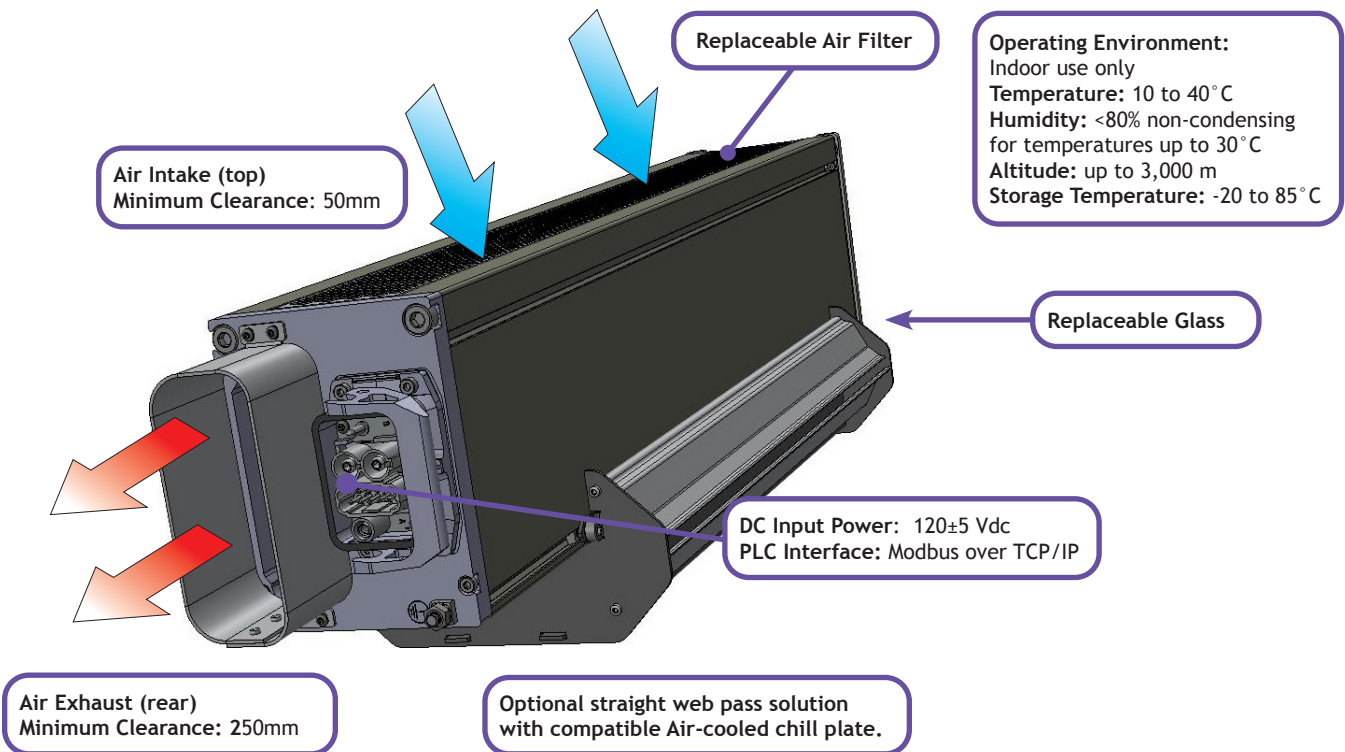


Phoseon's patented Semiconductor Light Matrix (SLM)™ technology encapsulates LEDs, arrays, optics and cooling to maximize UV LED curing performance. The Nexus ONE™ is an easily installed and maintained light source for use in high-performance Flexographic curing.

Light Source Setup (Chill Drum, optional shielding shown)



Light Source Setup (Flat Web, optional shielding shown)



Performance

Wavelength	395nm				
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 ONE					
Emitting Window	300	375	450	525	600
Length (L)	598	680	748	823	898
Width (W)	110	110	110	110	110
Height (H)	147	147	147	147	147
Weight (kg)	7	9	11	13	15

