

Process Equivalency Statement Date: November 1, 2021

OmniCure® S2000 Elite Process Equivalency with the Original S2000 XLA



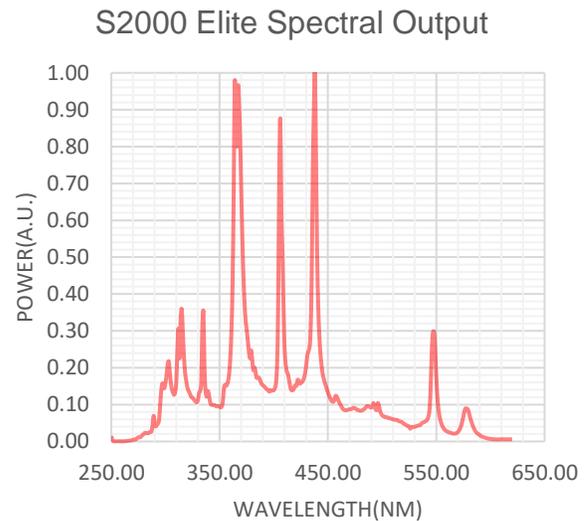
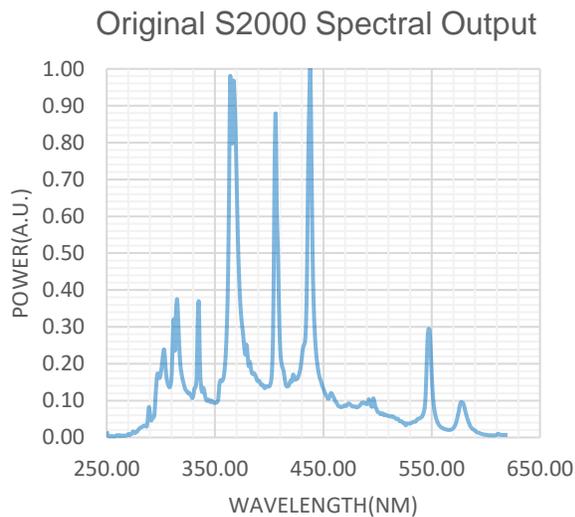
Dear Customers,

With the release of the all-new OmniCure® S2000 Elite UV Lamp Spot Curing system, Excelitas Canada is reinforcing its leadership in the UV spot curing market. With over 30 years of experience in UV curing, the OmniCure name has established itself as one of the most trusted brands in the industry. The original OmniCure S2000 has been the leading UV system in precision assembly with light cured adhesives for nearly 20 years and remains a leader even to this day. It was therefore critical for us to ensure that the new S2000 Elite allows our customers to maintain process compatibility with the original OmniCure S2000.

Process compatibility is guaranteed by maintaining the optical performance between the new and original system. The S2000 Elite maintains cutting edge optical performance similar to the original S2000 by upholding the equivalency of the components listed below.

200W Intelli-Lamp

Using the identical 200W Hg Intelli-Lamp® to the original S2000 system, allows us to guarantee an identical optical spectral output between both systems. The lamp's well-established performance, reliability and robustness continues in the new S2000 Elite.



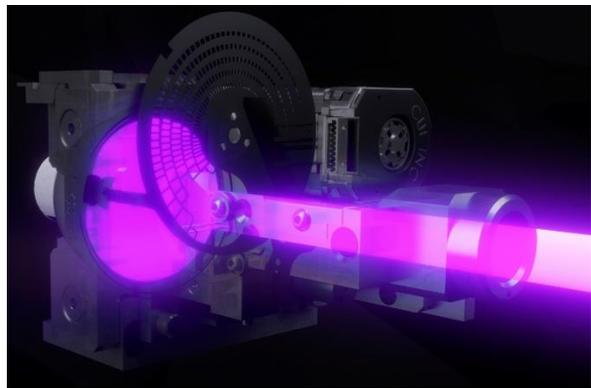
Optical Bandpass Filters

Matching optical bandpass filter selection is available between the S2000 Elite and the original S2000. The exact same optical filters were packaged into a robust and field replaceable cartridge form factor, guaranteeing an identical spectral response when mated to the 200W Intelli-Lamp.



Optical Performance

The optical trains in the S2000 Elite and original S2000 are identical – resulting in a same & consistent optical performance. In addition, the S2000 Elite utilizes the same Closed-Loop Feedback technology as the original S2000 – which delivers an equal stabilized optical output.



Light Delivery Accessories

The Light Delivery accessories used in the original S2000 are fully compatible with S2000 Elite. Specifically, the Liquid Light Guides and the High Power Fiber Light Guides as well as various adapters maintain compatibility with the S2000 Elite.



Radiometry and Calibration

Calibration is an essential part of what made the original S2000 a leader in high precision and highly reliable assembly processes. The same radiometric accessories are fully compatible with the new S2000 Elite, including the R2000.



PLC Control Compatibility

Using the External PLC Adapter accessory on the S2000 Elite 50-pin expansion port allows the system to duplicate the ports found on the back of the original S2000 and makes all signals used to control the original system behave the same way on the new system. The External PLC Adapter essentially allows the S2000 Elite to drop-in and Plug-And-Play in place of an original S2000 without any modification of your PLC controls.



By designing full compatibility in the multiple critical areas above between the new S2000 Elite and the original S2000, Excelitas Canada is guaranteeing an identical curing performance between both units, whether an established or future process. Excelitas is also allowing the S2000 Elite system to replace original S2000 systems in the field with no additional changes.

This compatibility by design will also ease S2000 Elite qualification efforts where it replaces original S2000 units. Our ultimate goal is to upgrade your equipment while maintaining your process, allowing customers to benefit from all the new S2000 Elite features without the headaches of lengthy re-qualification.

Should you have any questions or concerns, please contact your account manager, or email us at omnicure@excelitas.com or call 905-821-2600, toll-free 1-800-668-8752 (US and Canada only).

Best Regards,

Sola Kuk
VP, R&D Engineering

