

LIGHT ENGINES

November 2011

flexibility

Lumencor's SPECTRA X light engine offers the additional option of filter selection. The user may select and modify the bandpass of each output independently with the use of field replaceable single pass filters.



lumencor[®]

SPECTRA X with exchangeable filters

Light engine with flexible bandpass options

State of the Art Solid State Lighting for Instrument Manufacturers

Lumencor offers the spectral breadth of an arc lamp and the flexibility of a filter wheel in its most powerful light engine design.

The SPECTRA X model affords the end user the ability to exchange single band pass filters within the light engine. These field replaceable filters mean Lumencor can offer as many as 21 different bandpasses for use within the visible spectrum. No moving parts reside in this SPECTRA model. Lumencor preserves performance in the form of cool, stable, robust, spectrally pure, powerful outputs and allows the user to make his or her own choices about bandpass during use in

the field. This additional flexibility allows individual users, core facilities and OEMs an adaptable solid state excitation subsystem on par with the flexibility of a filter wheel.

This product ships with six independent sources. A suite of seven filters, one for each color band, is included in the purchase. Additional filter paddles and filters may be purchased at any time to increase the range of bandpasses for the ensemble of sources within the light engine.

The flexibility of this product accommodates increases in demand on the part of its end user for a broader range of outputs. Each output

in the optical train of the light engine remains aligned through filter exchanges, allowing the user to focus on their science, not the need to realign and maintain a light source.

For more information on the SPECTRA X light engine, please contact:

Lumencor, Inc.

14964 NW Greenbrier Parkway
Beaverton, OR 97006 USA
T 503-213-4269
E info@lumencor.com
www.lumencor.com

SPECTRA X light engine