



AURA Light Engine Fluorescence Microscopy Application

Product Description

Lumencor's light engines are uniquely suited to provide for the needs of bioanalytical instruments. **High power, multi-color, narrow band, stable, durable and inexpensive light is generated across the UV-Vis-NIR spectrum.** Lumencor light engines will enhance overall microscope performance and reduce cost.

Light Engine Highlights

Lumencor provides the most competitively priced photons of any commercial light engine. Flexible designs provide single or multiple wavelengths with a variety of delivery optics. Features include sufficient light for low, moderate and high light level applications; fast exposure times; facile modulation and long lifetimes.

Features

- High performance light engine for fluorescence applications within UV-Vis-NIR
- Four colors in a fully multiplexed, compact box; customized colors available
- Intensity of 1 - 5 W/cm² per output band
- Output power independently selectable for each band
- Bandwidths can be tailored to specific customer need
- Direct couple to major scopes; optional liquid light guide (3 mm dia, NA 0.3)
- Short switching times (5-10 kHz), no external shutter required
- Computer or manual control
- No alignment, coaxial illumination of all colors
- Safe to operate
- Minimal heat output
- > 5,000 hr lifetime guaranteed

Performance

AURA illumination of tubulin, actin & nuclei in Ab labeled Fibroblasts:

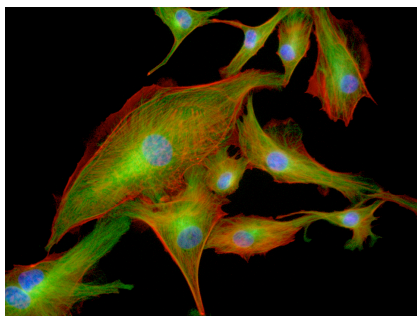
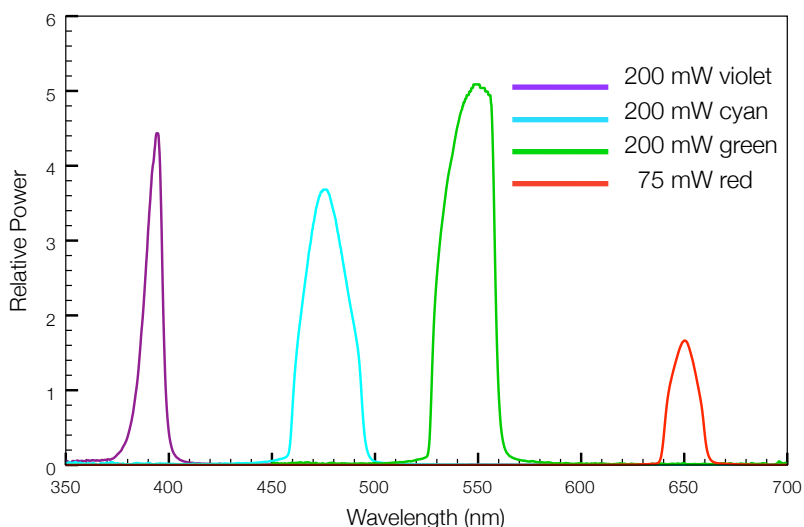


Image courtesy of Dr. Simon Watkins
Center for Biologic Imaging
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