



# AURA & SPECTRA Light Engines<sup>®</sup>

## Output options and power levels

### AURA

Actual power output of specific units subject to customized design specification.  
Output will depend on make and model of microscope.

Color band	Fluor	Wavelength/Bandpass, nm		Light Engine Output Power, mW				
		Live	Fixed	Light Engine Excitation		Adapter		
		Cell LE		Primary	Alternate	1 mm fiber	3 mm LLG	Collimator
Violet	DAPI/ Hoechst		✓	390/18	386/23 379/34	80	250	250
Blue	CFP	✓		438/24	434/17 445/20	110	200	250
Cyan	GFP/FITC	✓	✓	475/28	485/20 475/35	70	225	225
Teal	YFP	✓		510/10	513/17 512/25	20	55	110
Green	TRITC/Cy3		✓	542/27	549/15 560/25	65	250	425
Yellow	mCherry	✓		586/20	575/25 585/29	80	250	425
Red	Cy5		✓	632/22	628/40 650/13	60	130	200

### NIR

Output information available shortly, please inquire

### Note

Commencing January 2010 all 3 - 7 color light engines will be configured within the SPECTRA chassis.

Power upgrade of AURA 3 or 4 to SPECTRA 3 or 4 available, please inquire.



**SPECTRA**

Actual power output of specific units subject to customized design specification. Output will depend on make and model of microscope.

Color band	Fluor	Wavelength/Bandpass, nm		Light Engine Output Power, mW		
		Light Engine Excitation Primary	Alternate	1 mm fiber	Adapter 3 mm LLG	Collimator
Violet	DAPI/Hoechst	390/18	386/23 379/34	80	200	250
Blue	CFP	438/24	434/17 445/20	105	200	325
Cyan	GFP/FITC	475/28	485/20 475/35	70	130	225
Teal	YFP	513/17	510/10 512/25	20	55	110
Green	TRITC/Cy3	549/15	542/27 560/25	110	250	750
Yellow	mCherry	575/25	586/20 585/29	100	250	650
Red	Cy5	632/22	628/40 650/13	60	130	200

**NIR**

Output information available shortly, please inquire

**Note**

Additional color channels ordered as upgrades after customer receipt of product must conform to optical design constraints at discretion of manufacturer.