

## Omega Comparison Table

	Function	Omega Lum W	Omega Lum C	Omega Lum G	Omega Fluor Plus	Omega Fluor
Applications	Chemiluminescent blots	✓	✓	✓		
	Colorimetric Blots	✓	✓	✓	✓	✓
	DNA Gels	✓	✓	✓	✓	✓
	Protein Gels	✓	✓	✓	✓	✓
	X-Ray film	✓	✓	✓	✓	✓
	Multi-plex	✓				
Dyes & Stains	UV-excitable fluorescence	✓	✓	✓	✓	✓
	Blue-excitable fluorescence	✓	✓	✓	✓	✓
	Colorimetric/absorbance	✓	✓	✓	✓	✓
	Stain-free™ technology	✓	✓	✓	✓	✓
Excitation Sources	EPI-blue illumination	✓	✓	✓	✓	✓
	EPI-white illumination	✓	✓	✓	✓	✓
	Trans-white illumination	✓	✓	✓	✓	✓
	Trans-UV illumination (dual wavelength 302nm & 365nm)	✓	✓	✓	✓	✓
Emission Filters	Orange (590nm)	✓	✓	✓	✓	✓
	Blue (497nm)	✓	Optional	Optional	Optional	Optional
	Green (572nm)	✓	Optional	Optional	Optional	Optional
	Red (670nm)	✓	Optional	Optional	Optional	Optional
System Specification	Resolution	8.3mp	8.3mp	6.0mp	5.0mp	5.0mp
	Dynamic Range (greyscale levels)	65536	65536	65536	4096	4096
	SmartCapture Technology™	✓	✓	✓	✓	✓
	Lens	Motorised	Motorised	Fixed	Fixed	Fixed
	Cooling	Delta50	Delta50	Delta40	none	None
	Filter Wheel	6 position motorised	6 position motorised	6 position motorised	3 position manual	1 manual
	Integrated computer	Tablet	Tablet	Tablet	Tablet	
	Image capture software	✓	✓	✓	✓	✓
	Analysis software	✓	✓	✓	Optional	Optional

St John's Innovation Centre, Cowley Road, Cambridge, CB4 0WS, UK

Tel/Fax: +44 (0) 1223 515440

Email: [sales@eikonix.com](mailto:sales@eikonix.com)

Web: [www.eikonix.com](http://www.eikonix.com)