

Comparison of EIT L-Band (L-395) to UVA2 Optics

Feature	UVA2	EIT L-Band	Notes
Bandwidth	380-410 nm	370-422 nm (L-395)	Designed for 395 nm LEDs. The L-395 response is wider (52 nm vs. 30 nm) to account for the distribution of energy in commercially available LEDs. L-365, L-385 & L-405 responses also available
Optic Response	Filter only response	Total Measured Optic Response	L-Band features EIT's patented "Total Measured Optic Response" in which all instrument optics are included in the stated response. The result is improved performance, run-to-run, source-to-source and instrument-to-instrument
Dynamic Range	10 W/cm ²	40 W/cm ²	L-Band range supports LEDs above 10 W/cm ² power
Calibration Source	Mercury D-Bulb	395 nm LED	Each L-Band is calibrated to the corresponding LED type for improved performance
Availability	Obsolete	Current LED Response	The L-Bands are the current LED responses available and supported by EIT. L-Band responses available: <ul style="list-style-type: none"> • L-365: 340-392 nm • L-385: 360-412 nm • L-395: 370-422 nm • L-405: 380-432 nm