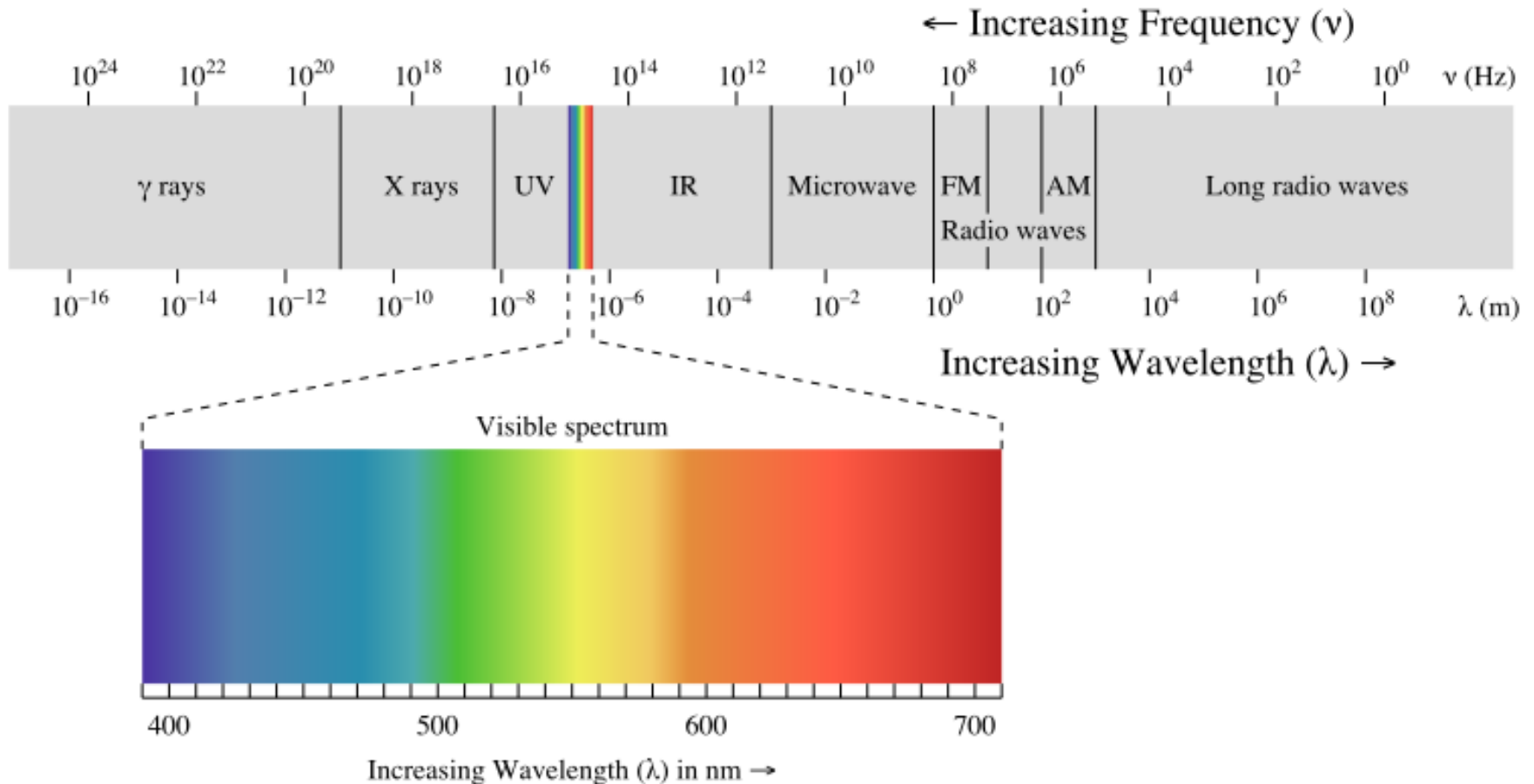


# VISIBLE SPECTRUM

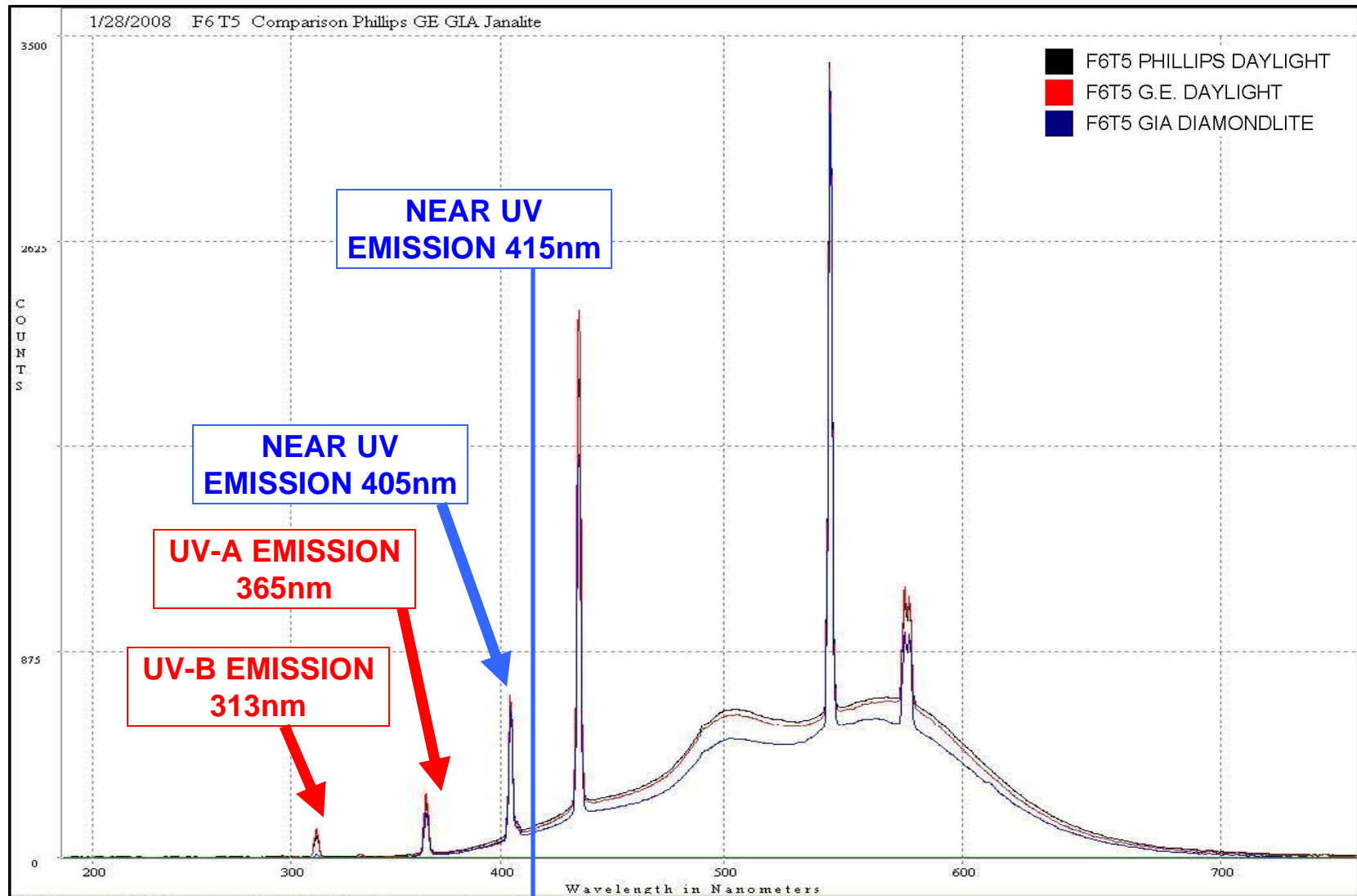


# ULTRAVIOLET SPECTRUM

UV Zone	Alternate Name	Descriptive or Common Name	Range of Ultraviolet Wavelengths, nm									
			10	100	200	280	290	315	320	380	400	
Long	UV-A	Long: blacklight							.....	.....	.....	
Mid	UV-B	Mid: erythemat, sunburn										
Short	UV-C	Short: Germicidal, bactericidal										
Extreme	Vacuum UV	-----										

There are no sharp cutoffs between any of these zones. As a matter of fact, the International Commission on Illumination (CIE) extend UV-a up to 400nm. In addition, the CIE and the occupational eyewear standard in the U.S. (ANSI Z87.1-2003) extend the UV-B down to 280nm.

# SPECTRAL POWER DISTRIBUTION OVERLAY OF F6T5 6500K PHILLIPS, GE, & NEW GIA DIAMONDLITE



# SPECTRAL POWER DISTRIBUTION LUMILEDS – 1W 6000K LUXEON K2

