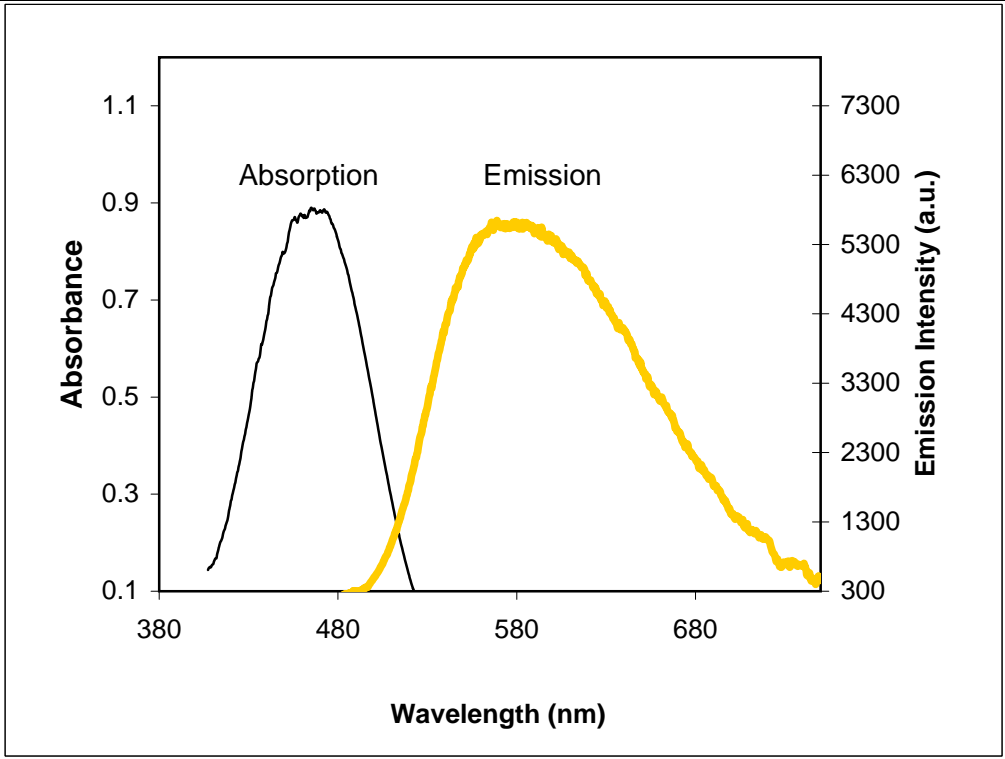


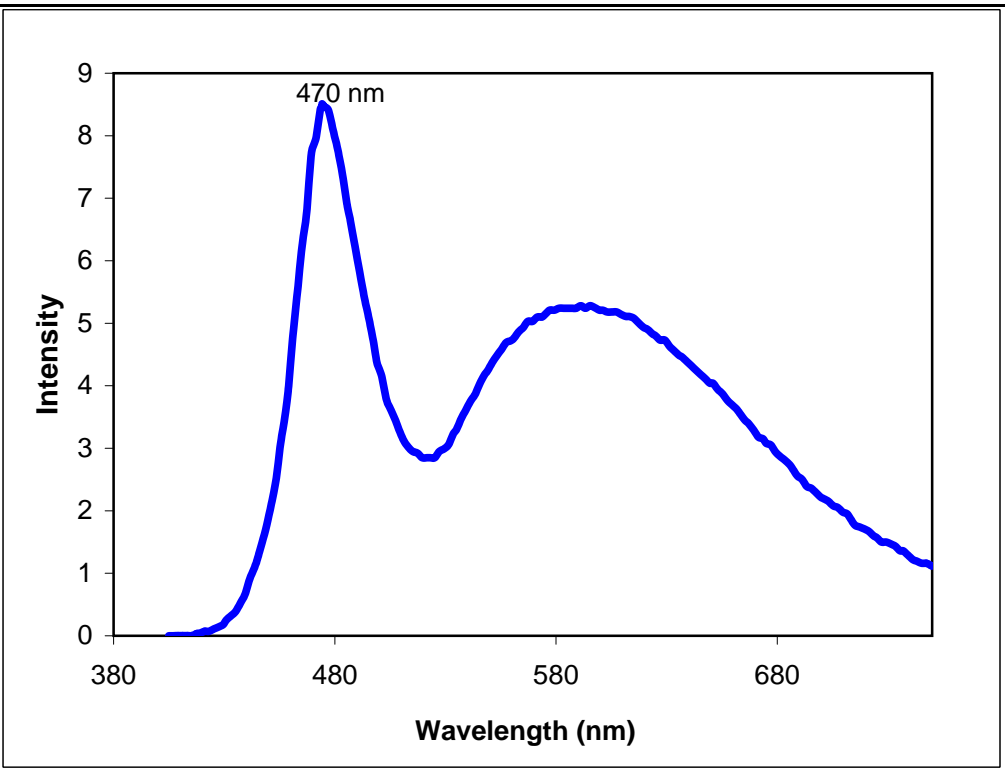
Phosphor Datasheet

| | |
|-----------------------|------------------------------------|
| Product Name | BYW01B/PTCW01BN |
| Chemical Formula | Yttrium Aluminum Garnet |
| Excitation Wavelength | Recommended Range: 455 nm - 475 nm |
| Peak Wavelength | 571 nm |
| Dominant Wavelength | 585 nm |
| FWHM | 113 nm |

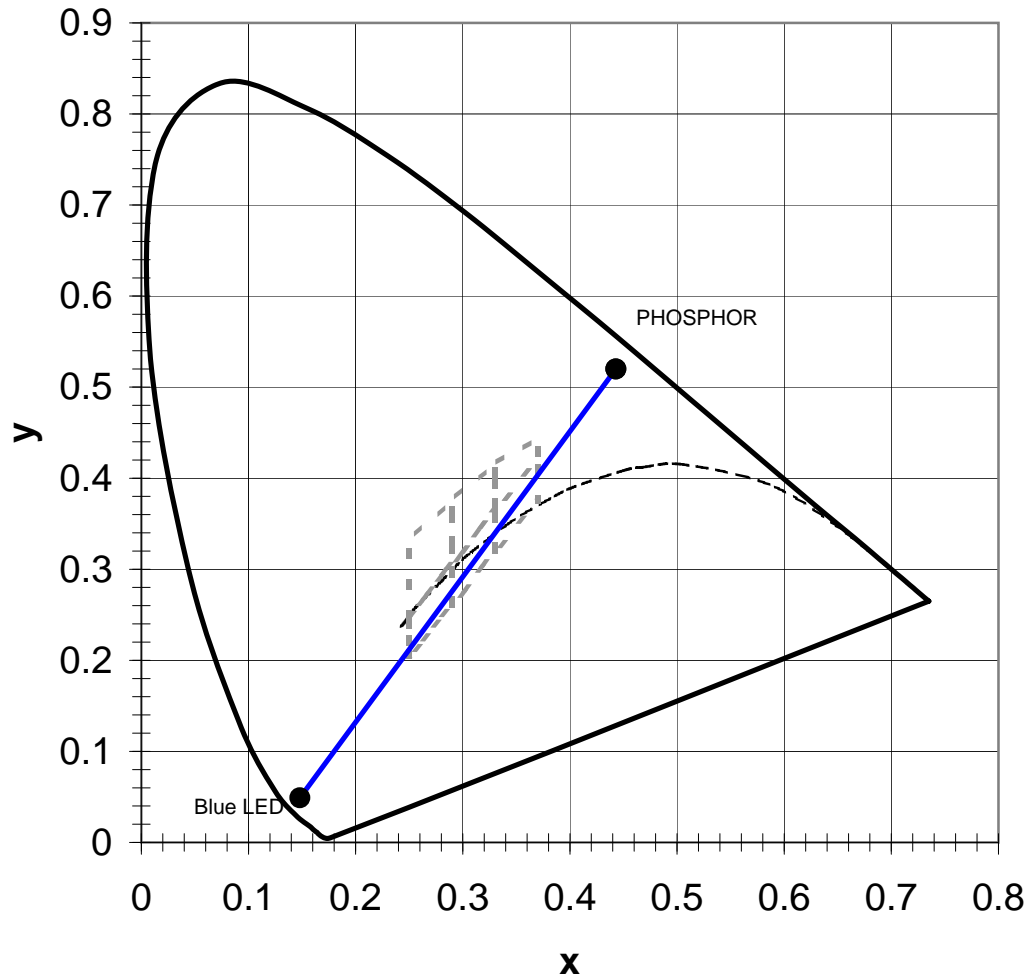
Absorption & Emission Spectra



Spectra w/ Blue LED Excitation



CIE Chart



| | |
|---------------------|-----------------------------------|
| CIE Coordinates | (x = 0.443, y = 0.520) (CIE 1931) |
| Particle Size | Mean ~ 9 μm |
| Body Color | Yellow |
| Handling Guidelines | See MSDS |