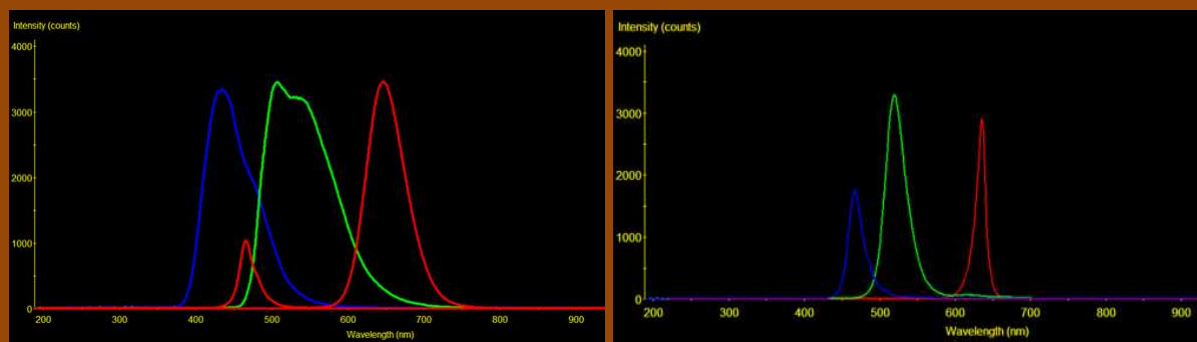


SPECTRAFILL LEDs

Electrospell has just released full-spectrum color LEDs that are available in red, green and blue colours. These devices, called Spectrafill LEDs, generate wide spectrum light in red, green and blue regions that together fill the entire visible spectrum. Ideal for creating both color and white light systems, these LEDs are available in through-hole and surface mount packagings. Spectrafill LEDs can be used for making RGB lighting systems and white light systems where the shade of light can be easily controlled.



Spectrafill LEDs differ from ordinary LEDs in emitting light with a significantly wider spectrum (see below, Spectrafill spectra on the left, ordinary LED spectra on the right). The light from Spectrafill RGB LEDs contains all color shades in the visible spectrum. This feature makes possible color-controllable high CRI light sources for a wide range of applications. These LEDs can be easily driven with either analog or digital control to generate millions of shades of colored and white light. Full spectral coverage ensures that any object seen under Spectrafill light appears in its true colors and subtle shade variations can be distinguished. Accurate color rendering in solid-state illumination has never been so good before.



For further information, Spectrafill brochure and datasheets please visit the electrospell website: <http://www.electrospell.com>

Electrospell Ltd
Block 7, Kelvin Campus
West of Scotland Science Park
Glasgow G20 0SP, UK
Tel: +44 141 579 3030

PRP Inc
4200 E La Palma Boulevard
Anaheim
CA 92807, USA
Tel: (714) 528-5001