



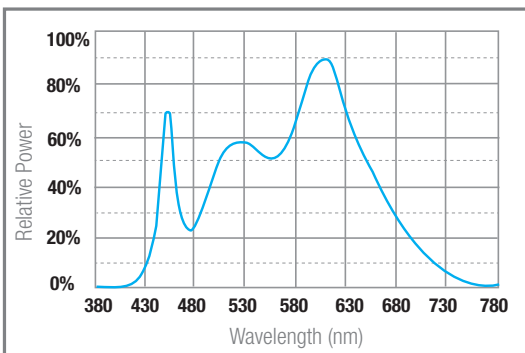
The Perplexing CRI Decision Simplified

Do your retail or commercial spaces demand superb color rendering, as well as possess a lot of whites that need to pop as much as the colors? Juno SpectralWhite color/white enhancing option offers a solution to this situation, rendering richer, more vibrant colors and making whites appear naturally brilliant and vivid. This is achieved using LEDs which employ a custom phosphor, formulated to adjust the spectrum of light emitted by the LED to produce radiant whites while maintaining high efficacy and high color rendering. The resulting light is more balanced than typical 80 CRI or 90 CRI LEDs, enabling colors to be rendered well while also enhancing whites.

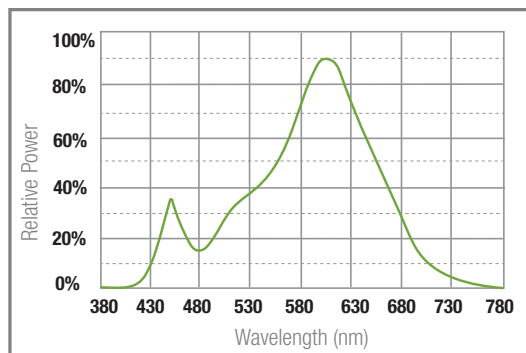
Different applications demand different levels of color rendering performance. For example, in applications where reds and yellows are not prevalent (or their rendering is not critical) and luminous efficacy is of utmost importance, 80 CRI is typically acceptable. 90 CRI is demanded by many of the remaining applications that require better rendering across a broader spectrum of colors (specifically reds). However, another area that typically suffers in either CRI offering is whites. The yellowing effect of the same phosphors that make most colors pop can produce whites that occasionally appear dull and lifeless.

The CRI decision becomes much simpler when you have determined what is most important for the application. If luminous efficacy is most important, standard 80 CRI is likely the best selection. If color rendering is most important, the 90 CRI option makes the most sense. Finally, if efficacy and color rendering are equally important and enhanced whites are also desirable, the new Juno SpectralWhite option becomes the obvious choice.

SpectralWhite 90 CRI



Standard 80 CRI



Light is more balanced than typical 80 CRI or 90 CRI LEDs, enabling colors to be rendered well while also enhancing whites.

Photography has not been manipulated or digitally enhanced.



SpectralWhite 90 CRI

Enables colors to be rendered richly while also enhancing whites.



Standard 80 CRI

Offers acceptable color rendering in applications where whites, reds, and yellows are not critical.



Photography has not been manipulated or digitally enhanced.