

WHY CHOOSE 3000K LED LIGHTING?

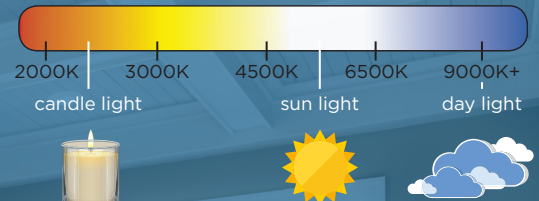


THE BASICS: What is CCT and CRI?

Correlated Color Temperature (CCT) defines the color appearance of the light source. CCT is defined in degrees on the Kelvin scale. For example, a “warm” light is considered to be around 2700K, “neutral” white light is around 3500K and temperatures around 5000K or more are considered to be “cool” white. A commonly used incandescent light bulb is 2500K.

Color Rendering Index (CRI) is a measure of how accurately an artificial light source displays colors. The closer the CRI is to 100, the more “true” it renders colors in the environment.

Color temperatures of 5000K and above are best suited for parking lots, doctors offices and retail spaces. Progress Lighting LEDs have a 3000K color temperature and a 90+ CRI to give a warm, relaxing and true rendering of colors in your home.



COLOR TEMPERATURE BY ROOM



BEDROOM

Suggested CCT: 2700-3000K

Create a relaxed, calm environment that allows you to rest peacefully. If “cool” light is used, your body may be confused into thinking it is daylight and have a difficult time falling asleep.



DINING ROOM

Suggested CCT: 2200-3000K

Avoid overly bright, or dim lighting. The perfect lighting in a dining space is essential in creating an enjoyable atmosphere for hosting any meal.



LIVING ROOM

Suggested CCT: 2200-3000K

Whether entertaining guests or enjoying family time, the living room is a frequently used location in a home. It is beneficial to have a mix of lighting in the living room, such as overhead lighting for general illumination, spot lights to showcase artwork or help reduce glare and lamps for extra light or for reading.



KITCHEN

Suggested CCT: 3000K

A kitchen is a highly used workspace in a home and one that most home owners love to showcase to guests. Fixtures with a “warm” color temperature create a nice ambiance to balance out the “cool” light coming in from the windows.



BATHROOM

Suggested CCT: 3000K

“Cool” color temperatures are not flattering for skin tones or clothing colors. Use “warm” color temperatures in the bath area to provide a more flattering image. In addition, be sure to use enough lighting to ensure good visibility.

COLOR TEMPERATURES IN A ROOM



2500K
EXTREME
WARM WHITE



3000K
WARM
WHITE



4000K
NATURAL
WHITE



5000K
COOL
WHITE

FOR MORE INFORMATION,

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