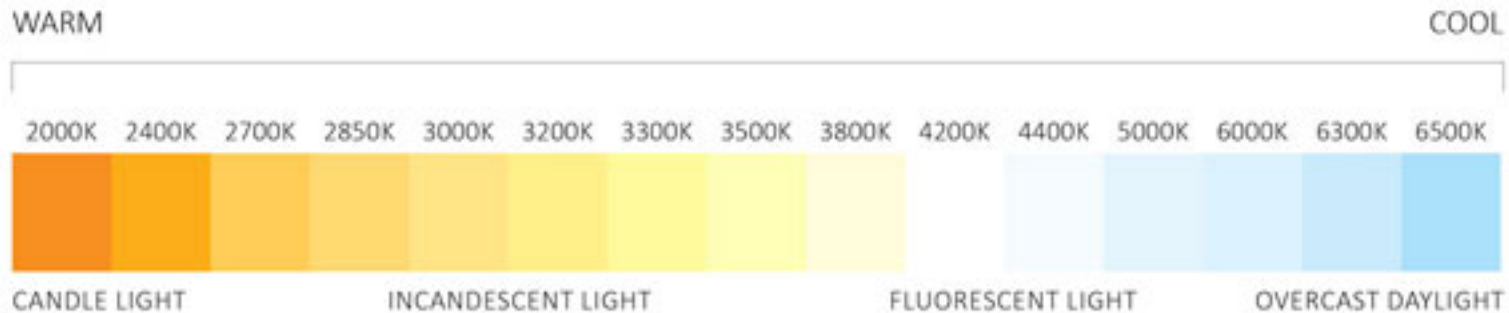


## CORRELATED COLOR TEMPERATURE

### THE CORRELATED COLOR TEMPERATURE SCALE

The Kelvin based CCT (Correlated Color Temperature), is a scale used in lighting to measure the color temperature of a luminaire. It puts specifics to the description of the appearance of white light as “warm”, “neutral” or “cool” (CCT chart, below). The color chosen for an application may vary based on the use of the space and the material being illuminated. For example, “warmer” light is very popular in residential applications where “cool” light is more prevalent in commercial and industrial spaces. We offer a wide variety of options to meet your needs for any lighting application.



### LIGHT APPEARANCE:

The color appearance or correlated color temperature (CCT) of light is measured in kelvin (K). When we want to know if a lighting fixture or bulb creates a warmer or crisper, cooler light we need to look for the kelvin number. The lower the number, the warmer the light will be and the higher the number the more cool and blue the light will appear. A typical incandescent bulb has a color temperature between 2700K and 3000K. The sun at noon on a clear day produces a light of approximately 5500K.