

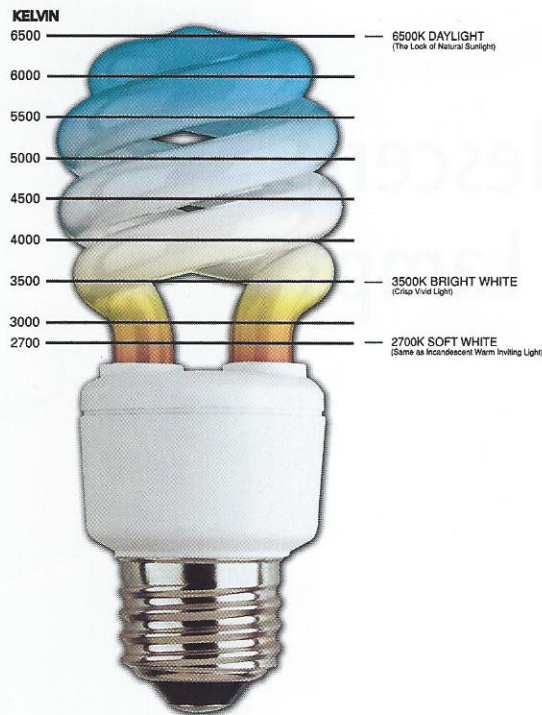
COLOR TEMPERATURE

Color temperature is a characteristic of visible light that has important applications in lighting, photography, videography, publishing, manufacturing, astrophysics, and other fields. The color temperature of a light source is the temperature of an ideal black-body radiator that radiates light of comparable hue to that light source. The temperature is conventionally stated in units of absolute temperature, known as Kelvin [K].

Higher color temperatures (5,000 K or more) are called cool colors which appear blue-white. Mid-range color temperatures (3,500–4,100 K) look bright white. Lower color temperatures (2700K–3000K) are called warm colors and range from red to yellowish-white in tone.

Kelvin Color Temperature	2700K	3000K	3500K	4100K	5000K	6500K
Associated Effects and Moods	Friendly Intimate Personal Exclusive	Calm Warm	Friendly Inviting Non-threatening	Neat Clean Efficient	Vibrant	Bright Alert Replicates natural sunlight
Appropriate Applications	Restaurant Hotel Lobbies Boutiques Retail Stores	Libraries Office Areas Homes	Public reception areas Showrooms Bookstores Office areas	Office areas Conference rooms Classrooms Mass merchandisers Hospitals	Retail Stores Office Areas Factories	Galleries Museums Jewelry stores Medical examination areas Printing companies

COLOR TEMPERATURE SCALE



Compact fluorescent lamps contain mercury. Dispose of according to local, state or federal laws. For more information, go to www.lamprecycle.org or call 1-888-417-6222.