

Comparative Kelvin Color Temperature Chart

CCT

Correlated Color Temperature (CCT) is the color appearance of a light source, relating the color to a reference source heated to a particular temperature. Measured in Kelvins (K). Selecting the right CCT should depend on the application and driving speed of the roadway. There are also studies that indicate that warmer CCT light sources deliver less perceived glare — from a visual comfort/discomfort perspective.

CRI

CRI is the industry's most widely accepted method of predicting the ability of a light source to render colors accurately. When it comes to driver safety and resident security, it only makes sense to have the ability to see street signs, crosswalks and potential criminals more clearly.

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1,900K
Candle



2,200K
High Pressure
Sodium Lamp



2,700-3,000K
Warm White
Halogen
Incandescent



4,000-4,500K
Natural White
Metal Halide



4,800K
Direct Sun



5,000-6,000K
Day White



7,000-7,500K
Cool White



10,000K
Blue Sky



5000K 4000K

Metal
Halide

3500-4500K range

3000K

2400K

Sodium Vapor
2200K

LED 3000K - 70 CRI



LED 4000K - 70 CRI

