

Approximate Color Temperatures of Common Light Sources

Daylight Sources	Color Temperature (K)	Reciprocal Megakelvins (MK-1)
Skylight	12000 to 18000	83 to 56
Overcast Sky	7000	143
Noon Sun/Clear Summer Sky	5000 to 7000	200 to 143
Noon Sun/Clear Winter Sky	5500 to 6000	182 to 167
Photographic Daylight	5500	182
Noon Sunlight (Date Dependent)	4900 to 5800	204 to 172
Average Noon Sunlight (Northern Hemisphere)	5400	185
Sunlight at 30-Degree Altitude	4500	222
Sunlight at 20-Degree Altitude	4000	250
Sunlight at 10-Degree Altitude	3500	286
Sunrise and Sunset	3000	333
Artificial Sources	Color Temperature (K)	Reciprocal Megakelvins (MK-1)
Electronic Flash	5500 to 6500	182 to 154
Blue-Coated Flash Bulbs	5500 to 6500	182 to 154
Xenon Burner	6000	167
White Flame Carbon Arc	5000	200
Zirconium Flash Bulbs (AG-1 & M3)	4200	238
Warm White Fluorescent Tubes	4000	250
Aluminum-Filled Flash Bulbs (M2, 5 & 25)	3800	263
500-Watt 3400 K Photoflood	3400	294
500-watt 3400 K Tungsten Photolamp	3200	313
12 Volt/100 Watt Tungsten-Halogen @ 9 Volts	3200	313
12 Volt/50 Watt Tungsten-Halogen @ 9 Volts	3200	313
6 Volt/20 or 30 Watt Tungsten-Halogen @ 5.5-6 Volts	320	0 313
200-Watt Household Lamp	2980	336
100-Watt Household Lamp	2900	345
75-Watt Household Lamp	2820	354
40-Watt Household Lamp	2650	377
Gaslight	2000 to 2200	500 to 455
Candlelight (British Standard)	2900	345