

# Kelvin

Accurate color reproduction is particularly important in commercial photography. Fashion and interior designers, architects, artists and food stylists all demand a faithful color rendition. While it is possible to make some post-photographic corrections, in the digital or wet labs, for the truest color and best reproduction it is essential to know and understand the relevance of the color temperature of a given light source. For this reason color films, and many light sources, are rated by Kelvin temperature.

13,000 °K North Sky  
Auto white balance or shade

8,000 °K Overcast Sky  
Auto white balance or cloudy

6,000 °K Electronic Flash  
(Studio or portable.)  
White balance flash

5,500 °K Average Daylight

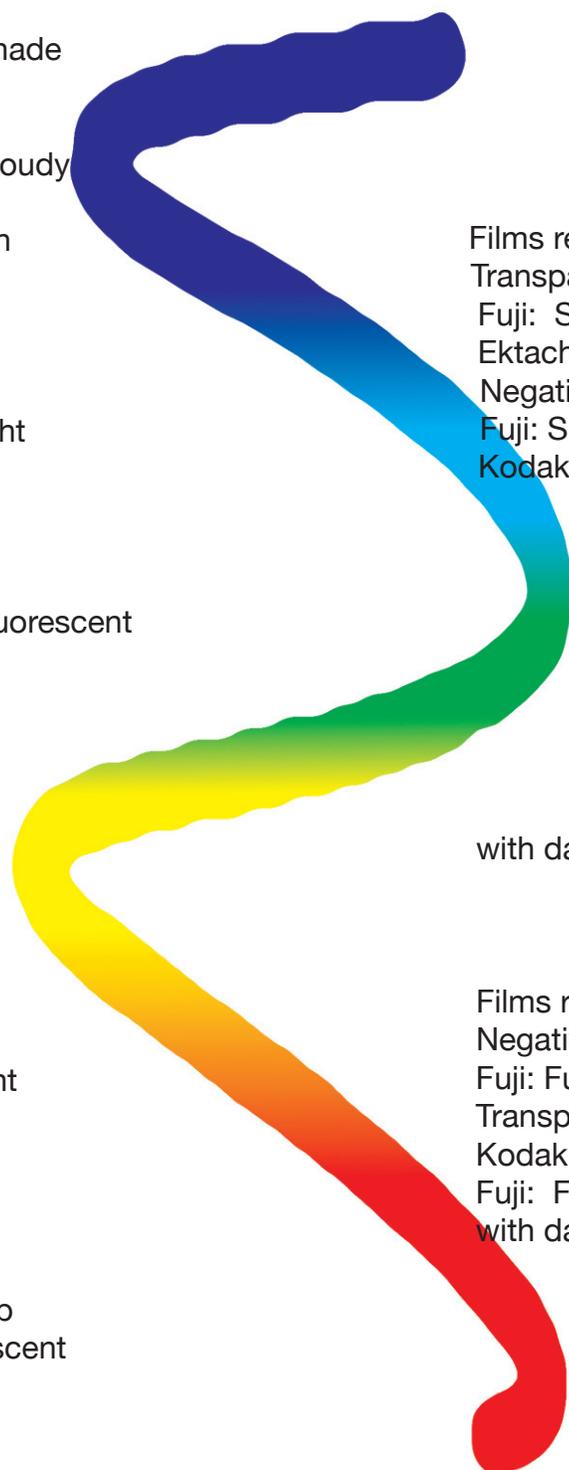
Auto white balance or fluorescent

3,400 °K Photo floods

3,200 °K Tungsten Bulb  
Auto white balance,  
tungsten or incandescent

3,000 °K Household Bulb  
White balance: incandescent

1,000 ° K Candle



Films requiring no filtration.

Transparency:

Fuji: Sensia, Provia, Velvia  
Ektachrome 100, 400 S & SW

Negative:

Fuji: Superia, Reala, Fujicolor NPS,  
Kodak: Portra or Supra

with daylight films use 80 B filter

Films requiring no filtration

Negative: Kodak: Portra 100 T

Fuji: Fuji NPL

Transparency:

Kodak: Ektachrome Tungsten 64 & 160

Fuji: Fujichrome 64T

with daylight films use 80 A filter