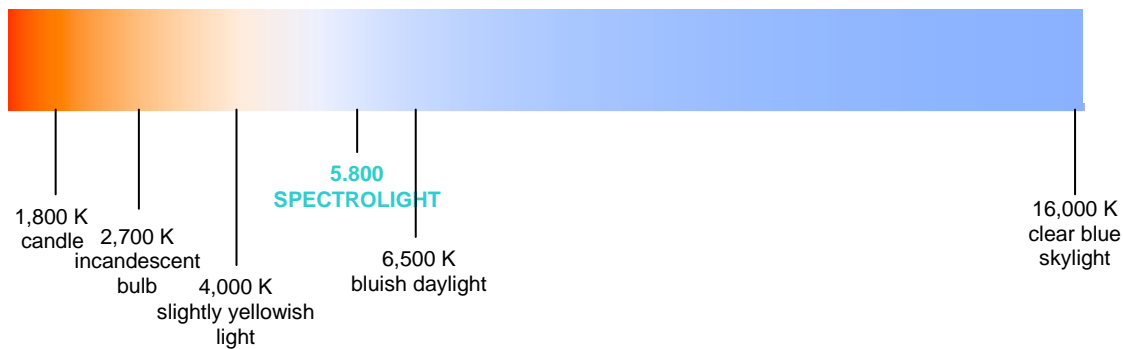


# Colours of Light for Gems and Jewellery

Light sources emit light of a specific colour. This is expressed in terms of Kelvin (K). The light of an incandescent bulb for example is of 2.700 Kelvin and thus noticeably yellow and even redish when dimmed. In contrary, fluorescent lamps are available in many colours of light, especially designed for most varied tasks of vision.

The **SPECTROLIGHT®** fullspectrum daylight for example, has the natural colour of 5,800 Kelvin daylight for positive, harmonic light perception. However, for some applications it might be quite useful to have two fluorescents of different colours of light. The mixed colours thus created extend and complement the original colours of light of the fluorescents.

**Consultancy is recommended!**



## Colour Temperature

## Colours of Light

6,500 / 6,400 Kelvin

The whitest daylight for grading and presentation of colourless to yellow saturated diamonds, white gold, platinum, etc.

6,000 Kelvin

Very white daylight for all diamonds, white and yellow gold, as well as other precious metals

**5,800 Kelvin**

**SPECTROLIGHT® natural fullspectrum daylight with highest colour rendering for all diamonds, coloured stones and many pearls.**

5,500 Kelvin

White daylight for all diamonds, coloured stones and most pearls. Best contrast in colours of bi-colour-jewellery

5,400 Kelvin

Less white, mild daylight for green, yellow to red gemstones and pearls

4,000 Kelvin

Less white light, i. e. for Tourmalines and Tahiti pearls, as well as yellow gold

3,000 Kelvin

Yellowish light for saturated red to yellow colours.