Knight Optical offer a range of dichroic colour correction filters designed to alter the overall colour of light in a system by adjusting the correlated colour temperature, or CCT, to display more naturally. Typical applications include colour correction in photography and cinematography and use in aesthetic applications such as retail lighting displays and stage lighting.

Colour correction filters are typically temperature resistant and are available in either CTB (Colour Temperature Blue) or CTO (Colour Temperature Orange) types. CTB filters convert tungsten light to higher temperature daylight (and CTO filters perform the opposite, taking high temperature daylight and converting it to tungsten. Knight Optical offers a range of temperature correction filters in both CTO and CTB types.

- **Range of CTO and CTB types available**
- **Knight Optical offers custom design flexibility for complex sizes**
- **Low maintenance and cost saving**
- **Excellent resistance to heat and environmental conditions**
- **Superb colour uniformity and purity**
- **Individually tested components are carried out in our state of the art metrology lab:**
  - Our Varian Cary 5000 with UMA attachment is used to measure transmission, reflectance and absorbency of optical components from 200-3200nm
  - Our highly skilled technicians can test any sample no matter how complex the piece in our state of the art metrology lab.
  - We ensure all our components meet high quality standards.

For more information or to place an order contact our multilingual technical sales team and discover how Knight Optical’s high quality dichroic colour correction filters and service can improve your instrumentation and supply chain experience.