

Engineering Consultancy

KODAK Motion Picture Printer Spectral Characterization

Catalog Number: 828 6023

Purpose

Provides radiometric or spectral measurements of a motion picture printer in various printing setups for characterization of printer spectral distributions. You can use the spectral characterizations to document printer output for reference purposes; to use for comparison with known specifications; and to predict the effect that printer differences will have on the exposure of KODAK Motion Picture Films.

If the printer spectral characterization indicates that the dichroic mirrors or heat absorber (optical components of the printer) are out of spec, Kodak will offer to help you document the components' replacement with parts meeting the manufacturer's specifications. Or, Kodak will supply pre-certified optical components at a predetermined price.

Note: Printer must be available for analysis and you may be asked to provide assistance in the printer setup and measurement procedure. Additionally:

- Adequate space to perform the measurements will be necessary
- The printer will be set up in various exposure conditions
- Rollers and/or other printer parts must be removed

Benefits

This service will enable you to spectrally match printers, and deliver more consistent day-to-day results. Periodic evaluation will also provide you with a method of quality control for your printers so you can determine if a printer's spectral characteristics change over time.

Kodak Deliverables

Kodak will, with the assistance mentioned above, perform all necessary spectral measurements using a portable radiometer system so that the spectral output of the printer can be characterized in terms of meeting manufacturer's specifications and in terms of its relative performance with KODAK Films.

Note: Estimated time for completion of measurements for a single additive-type printer is two hours. Poor accessibility or non-standard printer design may cause delays. Additional measurements may be necessary to further define recommendations for printer modifications or improvements. If optical component analysis or replacement is necessary, additional time or a return visit may be required.

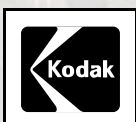
Similar services available

Spectrophotometric analysis of optical components is available separately. You can send Motion Picture Printer components, such as dichroic mirrors and heat absorbers, to Kodak for measurement. Kodak will provide analysis that will compare the component with manufacturer's specifications. Kodak can provide a certified replacement for the component if it does not meet specifications, at a price to be determined.

Ordering Information

Cost to be determined based on the Terms and Conditions stated in the Service Agreement and agreed upon scope of work. Contact your local Customer Service Representative or Kodak office for price and availability in your area.

For product and services updates, visit: www.kodak.com/go/motion/



Kodak Motion Picture Services

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