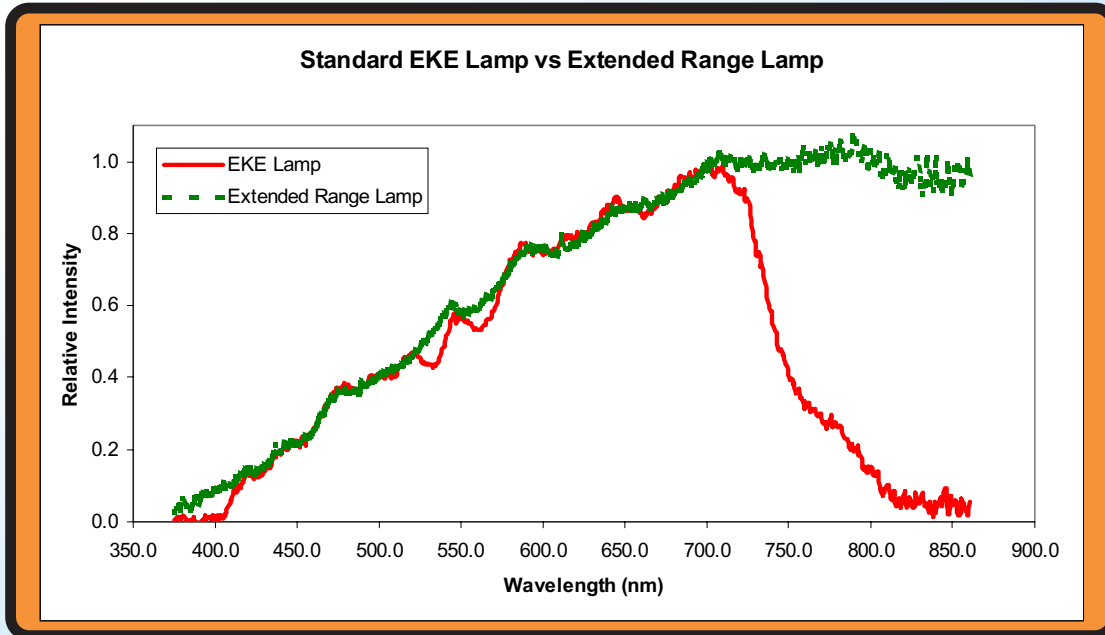




Innovative Photonic Solutions

ER Lamp Option

Extended Spectral Range



Extended Range Lamp (EKE-ER) The spectral output combines both the visible and the near infrared wavelengths to provide an extended spectral output range 400nm to 1.5µm. The output is especially tailored to match the sensitivity of silicon based detectors (CCD and CMOS cameras), creating higher signal levels and increased lamp lifetimes.
Note: These lamps can only be used with -ER series lightsources; operating them in standard units causes damage.

KEY BENEFITS

- 40% more photonic energy than standard lamps
- Improved lamp lifetime = less downtime
- May require removal of camera's IR cutoff filter
- High Output NIR Energy
- Stable blackbody radiator

APPLICATIONS

- High Speed Applications
- Linescan Applications
- Long optical train systems
- Fruit and Vegetable Inspection
- Wood and Veneer Inspection
- Biotechnical Applications