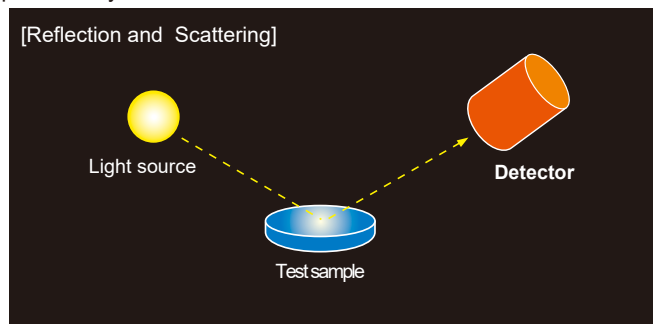
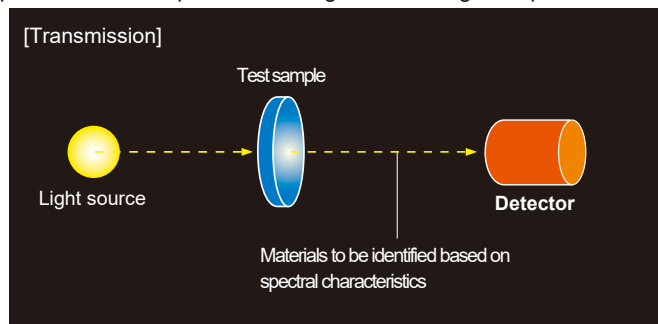


# Advancing Phosphor Technology for Brighter Life and Better Society

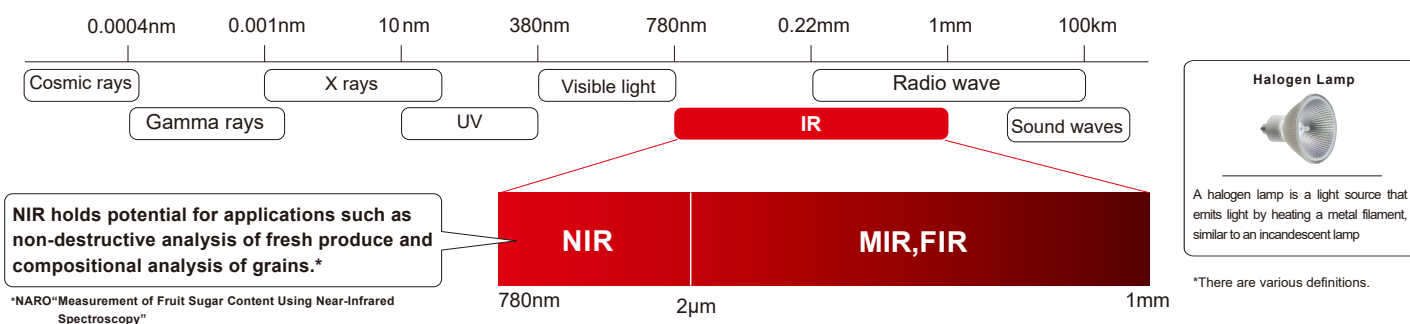
## Light sources for analysis

Phosphor technology, as a light source, also holds great potential for analytical applications.

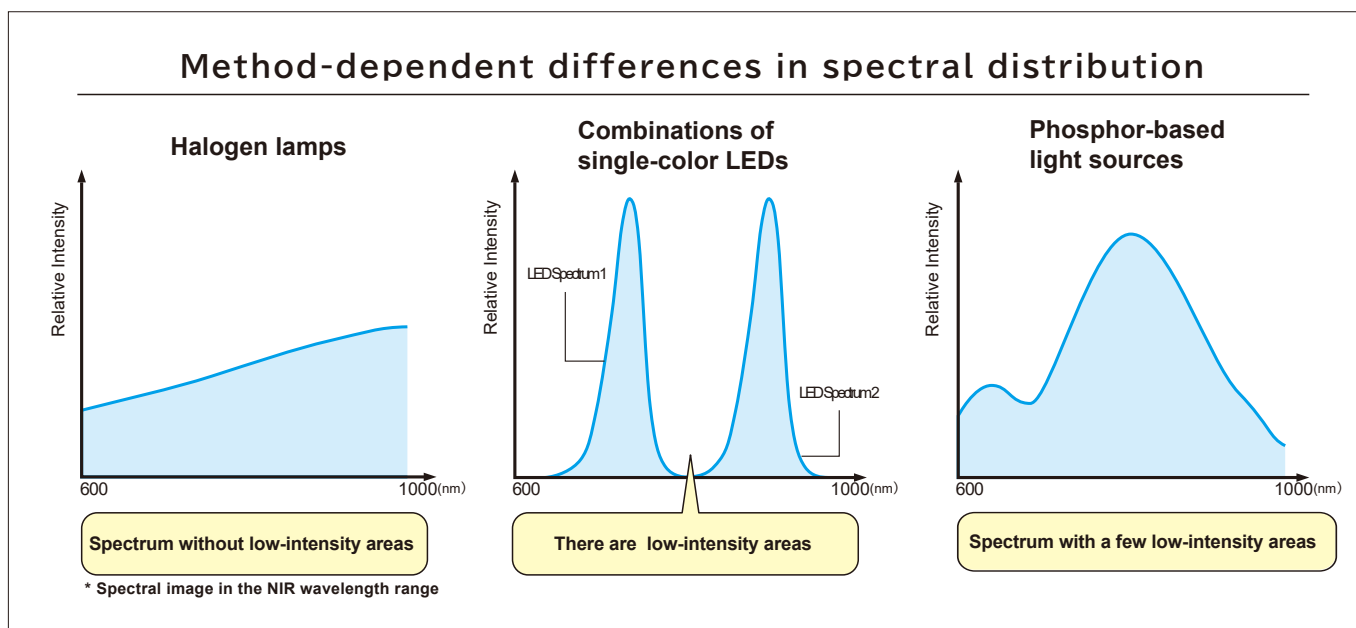
Analytical light sources are used to examine materials based on how light is transmitted, reflected, or scattered. These applications often require a wide range of wavelengths to perform various types of analysis.



NIR light is commonly used in analytical applications, and halogen lamps are typically selected as the light source. However, as halogen lamps used for general lighting are rapidly being replaced by LED for energy-saving reasons, there is growing interest in alternative light sources for analytical use as well.



Light sources that use phosphors have the advantage of achieving a broader spectral (intensity) distribution compared to monochromatic LEDs.



Web site

