NEW

Instrument Systems
KONICA MINOLTA Group

Illumination Sources for XR Devices

The Challenges

- Ensure clear, high-quality images in varying lighting conditions.
- Meet key industry standards like IEC-63145 and IDMS for reliable testing.
- Adapt light sources to meet specific product requirements and environments.

Comprehensive Testing Solutions

- Essential for high-quality AR glasses and see-through displays.
- Optical Evaluation: Assess environmental perception and ambient light impact on virtual image quality.

Expertise in Light Sources

- Proven manufacturing and characterization of light sources.
- Traceable calibrations to primary standards for highest accuracy.

Compliance with Standards

- Follows IEC-63145-22-20, IEC-63145-22-10 and IDMS guidelines.

Customizable to Your Needs

- Light sources with:
  1. Various luminance levels.
  2. Different emitting aperture diameters.
  3. Colors such as white or sun-like spectrums.
- Ideal for production and laboratory applications.

Figure 1: Left: Light source with a 75 mm emitting aperture and a sun-like spectrum. Right: Light source with a 50 mm emitting aperture for more compact setups.

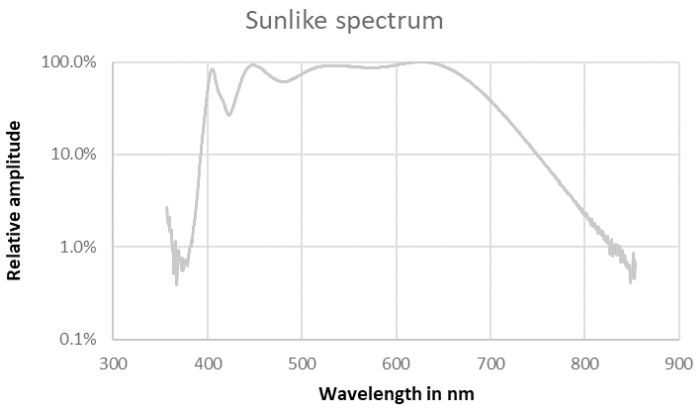

Figure 2: Example sun like spectrum.