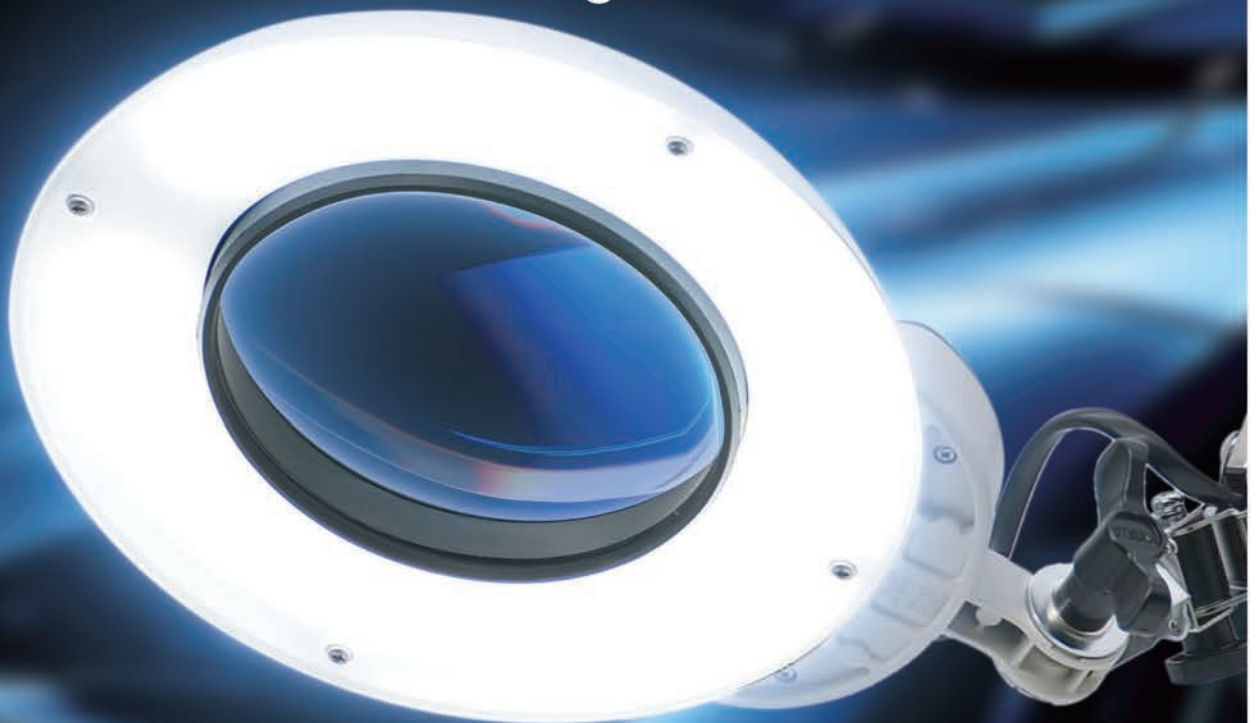


Full spectrum LED Illuminated Magnifier

ENVL6K

Light Source Innovation



Full
spectrum
LED

color
temperature
6000K

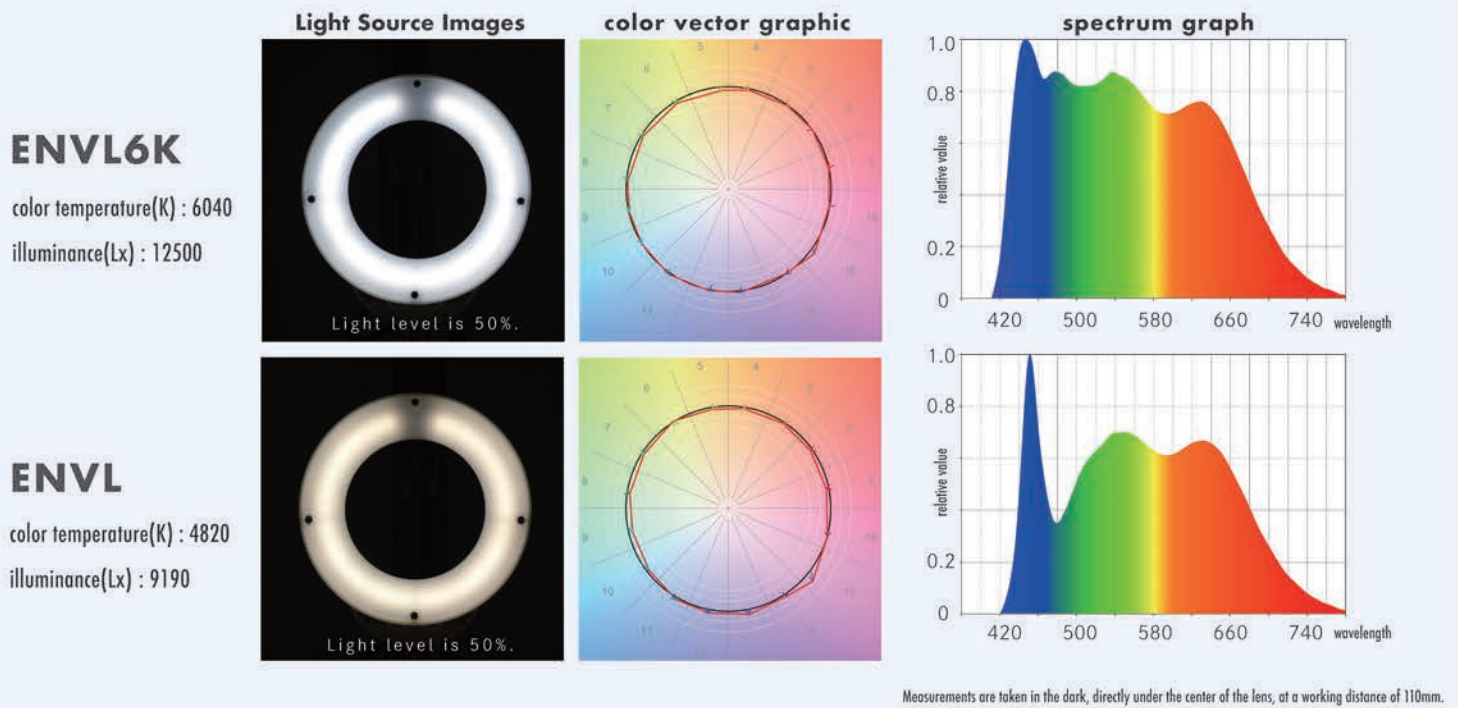
Color temperatures are actual measured values picking up sampling.

The ENVL6K series LED illuminated magnifiers adapted full-spectrum LEDs and are part of the ENVL series of LED illuminated magnifiers, which are the main products of Otsuka Optics. In the demand for "more white light illuminated magnifiers" and "higher color temperature for visual inspections," full-spectrum LEDs with a color temperature more than 1,000 K higher than current models and high color reproducibility have been newly adopted. This will expand the range of product selection more than ever.

■ Features of ENVL6K Lighting

The light from the ENVL6K's full-spectrum LED "contains all components of all colors" in the range of visible light, so the light color of this illuminated magnifier appears similar to the color seen under sunlight. Sunlight appears to the human eye as colorless light, but through a prism it appears as a rainbow-like pattern. This is the color component of visible radiation. Sunlight is light that "contains all the components of all colors," however, fluorescent lamps and LEDs do not contain all the components of all colors. The color components in 3-wavelength fluorescent lamps are mainly blue, yellow-green, and orange, but the colors of blue-green and red in the light from 3-wavelength fluorescent lamps are just a mixture of light colors that look like blue-green and red, which are different from the true colors seen in sunlight. The colors that appear blue-green, red, etc. in that light are different from the true colors that we see in sunlight.

■ Comparison of "ENVL6K" and "ENVL" light sources



■ Series Lineup



■ Main Specifications

productname: fullspectrumLEDilluminated magnifier / seriesname: ENVL6K / lens: For Round Series / lightsource: LED / rated power consumption: AC100V ~240V 50-60Hz※ / continuous dimming (100~0%) ※ It can be used up to Max 240V by changing only the cord with AC plug.