

## LED WHITE-LIGHT SOURCES

Fluorescence Excitation with Maximum Flexibility



### FOR FLUORESCENCE MICROSCOPY IN LIFE SCIENCES AND BIOANALYSIS

- :: Superior lifetime (up to 25,000 hours)
- :: Very stable output
- :: No intensity drop during lifetime
- :: No need for heating-up
- :: Fast switching time (up to 10  $\mu$ s)

### OUR PARTNERS





### LUMENCOR SOLA SE / FISH / BASIC

- :: Spectral output 365–680 nm (SOLA FISH)
- :: Spectral output 365 / 380–750 nm (SOLA SE)
- :: Lifetime > 20,000 hours
- :: Output power (SOLA SE) avg. >5,000 mW (higher than 120 W metal-halide)
- :: Control via software/controller



### EXCELITAS X-CITE XYLIS S/L

- :: Spectral output 365 / 380–750 nm
- :: Lifetime > 20,000 hours
- :: Software compatible to X-Cite 120PC and X-Cite exacte
- :: Switching time < 1 ms (USB)
- :: TTL, Analogue, USB connectivity



### COOLED PE-300 ULTRA / WHITE / LITE

- :: Spectral output 365 / 400–635 nm
- :: Lifetime > 25,000 hours
- :: TTL, Analogue, USB connectivity
- :: Integrated into most imaging software (e.g. Olympus, Nikon)



### AHF AF-2000

- :: Great price-performance-ratio
- :: Homogeneous illumination
- :: For all major microscope brands
- :: Lifetime > 25,000 hours
- :: Silent and vibration-free
- :: Compact design of lamp and controller
- :: USB and TTL connectivity

## LED MICROSCOPE LIGHTING

- ✓ NO MERCURY
- ✓ LONG LIFETIME
- ✓ ENERGY SAVING
- ✓ MORE SUSTAINABLE