

SUNFLOWER

PROMICRA

Diffuse LED Illuminator for Stereomicroscopes
ILLUMINATION WITHOUT COMPROMISES



SUNFLOWER illuminator unit with 2 arms opened

Features:

- **Excellent for illumination of insects, semiconductor parts, jewelry, gemstones, metals, rocks, plastics, glass, specimens in liquids in Petri dishes and highly reflective surfaces**
- **12+1 independently controlled LED segments** creating pseudo-spherical surface illuminate the specimen from almost all directions without producing shades.
- **Diffusers of LED segments for glare reduction**
- **6 tilting arms for convenient specimen handling and setting the angle of light incident on a specimen**
- **432 LEDs provide high illuminating power.**
- **LEDs with high color rendering index $Ra > 95$ provide excellent color reproduction.**
- Single button press switches on / off the whole upper and lower ring formed by LED segments
- Rotation of the preset combination of lit / switched off LED segments clockwise and counter clockwise
- **Constant color temperature over the whole illumination range**
- **Constant brightness** – no flickering and no interference with the camera's image frequency
- **Low power consumption, lifetime over 54 000 hours**
- **Environmentally friendly solution** – free from halogen and mercury, RoHS compliant
- Dimensions: 195 mm x 195 mm x 133 mm (height)

- PC control option (SDK available)
- Supported by QuickPHOTO 3.x microscope software suite
- CE certified

Compatible Stereomicroscopes:

- Stereomicroscopes with objective diameter 60 - 69 mm

Example of Use:



SUNFLOWER illuminator with control unit used with OLYMPUS® SZX16 stereomicroscope

Comparison with Other LED Microscope Illuminators:

