

RingLight Incident Illumination

With RingLight illumination, light is incident (i.e. illuminated along optical axis and strikes the object). Ring Light incident illumination prevents shadowing and focuses the light at an angle to the centre of the object being illuminated. Angle of the incident light depends on object distance of the camera!

RingLight illumination can be equipped with crossed polarizing filters (Polarizer/Analyser) or diffuser filter.

RingLight illumination is well suited for following applications:

- Electronics PCBs and components.
- Coating inspection.
- Soldering inspection.
- Precision semitransparent or opaque plastic parts.
- Fibers, hairs, yeast and protozoa.
- Minerals and crystals, thin polymers and some ceramics.
- Forensics.

