

## Photometry nad Radiometry

Published by: Adam Żeberkiewicz

### Electricity and Radiation Department

#### Tasks

- Maintenance and development of national and reference measurement standards;
- Development of measurement methods traceable to the measurement units of SI in photometric and radiometric measurements of the highest accuracy;
- Providing the traceability for Polish customers via calibration of measuring instruments;
- Research in the field of photometry and radiometry for supporting various branches of Polish economy;
- Dissemination of knowledge and experience in the field of photometry and radiometry.

#### Services

Calibration of:

- spectral regular transmittance and absorbance standards,
- spectrophotometers for spectral regular transmittance and absorbance,
- wavelength standards,
- spectrophotometers for wavelength,
- tristimulus values and chromaticity coordinates standards for transmitted light,
- luminous intensity standards (incandescent lamps),
- luminous flux standards (incandescent lamps),
- correlated colour temperature standards (incandescent lamps),
- digital luxmeters,

- luminance meters,
- trichromatic colorimeters for chromaticity of light sources,
- photoluminescent materials (luminance and time of decay),
- glossmeters,
- gloss standards,
- luminance standards,
- radiant power metres,
- spectral responsivity standards (monochromatic radiation),
- radiant power metres (monochromatic radiation),
- white light and UV-light NDT metres,
- calibrators for luxmeters,
- light cabinets,
- colour and gray scale standards,
- colorimeters for reflected light.
- chromaticity of safety signs.

Contact to the Laboratory:

phone: +48 22 581 92 95; radiation@gum.gov.pl

Contact to other Laboratories:

- Spectrophotometric Standards - phone: +48 22 581 93 11
- Photometric and Radiometric Standards - phone: +48 22 581 94 46
- Colour Standards - phone: +48 22 581 94 36