

Practical photometry



The monograph is devoted to methods (methods) and means of measuring photometric quantities and is the final one in a series of books that were published earlier under the general heading – the basics of lighting technology. It describes techniques for measuring such parameters of electromagnetic radiation as flux, illumination, luminous intensity, brightness in light and energy units. Methods for measuring the photometric

properties of materials and media are proposed: transmittance (including optical density), reflection, absorption, scattering in integral and spectral terms. Objective methods for measuring the color of radiation, emission and modified by the medium, are consistently stated.

The monograph is addressed to specialists engaged in the conversion and reception of radiation with the reproduction of the energy and color of the image, graduate students and students of higher educational institutions, studying motion picture equipment and lighting technology.

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