

Download Introduction To Radiometry And Photometry

This chapter lays the physical and conceptual foundations of optical oceanography, or more generally of hydrologic optics, the quantitative study of the interactions of light with the earth's oceans, lakes, rivers and other water bodies. In radiometry, radiance is the radiant flux emitted, reflected, transmitted or received by a given surface, per unit solid angle per unit projected area. The lumen (symbol: lm) is the SI derived unit of luminous flux, a measure of the total quantity of visible light emitted by a source per unit of time. ² Draft of the ninth SI Brochure, 6 February 2019 The BIPM and the Metre Convention The International Bureau of Weights and Measures (BIPM) was set up by the Metre - Introduction To Radiometry And Photometry