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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Principles of luminescence / Adrian H. Kitai -- Phosphor quantum dots / Debasis Bera, Lei Qian and Paul H. Holloway -- Color conversion phosphors for LEDS / Jack Silver and Robert Withnall -- Development of white OLED technology for application in full-color displays and solid-state lighting / T.K. Hatwar and Jeff Spindler -- Polymer light-emitting electrochemical cells / Jun Gao -- LED materials and devices / Tsunemasa Taguchi -- Thin film electroluminescence / Adrian H. Kitai -- AC powder electroluminescence / Feng Chen and Yingwei Xiang.
Sommario/riassunto	Luminescence, for example, as fluorescence, bioluminescence, and phosphorescence, can result from chemical changes, electrical energy, subatomic motions, reactions in crystals, or stimulation of an atomic system. This subject continues to have a major technological role for humankind in the form of applications such as organic and inorganic light emitters for flat panel and flexible displays such as plasma displays, LCD displays, and OLED displays. Luminescent Materials and Applications describes a wide range of materials and applications that are of current interest including or

