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Control -- Chapter 13 Wireless Lighting Controls in Parking Garages -- Chapter 14 Energy Savings with Zigbee Wireless in China -- Section VII Case Studies -- Chapter 15 Mesopic Outdoor Lighting -- Chapter 16 Assessment of the Lighting Systems for the Oil Sector Complex Building in Kuwait-Before and After Commissioning -- Chapter 17 Intelligent Lighting -- Chapter 18 New Lighting Technologies Demonstrated at Defense Commissaries -- Chapter 19 Innovative Lighting Contest: Small Actions Add up to Big Savings in Schools -- Index.

Sommario/riassunto

With the increased concern for energy conservation in recent years, much attention has been focused on lighting energy consumption and methods for reducing it. Along with this concern for energy efficient lighting has come the realization that lighting has profound effects on worker productivity as well as important aesthetic qualities. This book presents an introduction to lighting design and energy efficiency which can be utilized while maintaining the quality of illumination. Topics include lighting energy management, selection of lamps, task lighting, lighting design, lighting control, reflectors, ballast selection, natural daylighting, wireless lighting control, and case studies.
