

1. Record Nr.	UNINA9910461004703321
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Titolo	Stage lighting : fundamentals and applications // Richard Dunham
Pubbl/distr/stampa	London, [England] ; ; New York, New York : , : Routledge, , 2016 ©2011
ISBN	9780205461004 (paperback) 1-315-66271-X 1-317-34393-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (661 p.)
Disciplina	792.02/5
Soggetti	Stage lighting Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright Page; Table of Contents; Preface; Part One Light: The Medium; 1 The Nature of Light; What Is Light?; The Electromagnetic Spectrum; The Visible Spectrum; Illuminance and Luminance-Five Metrics; Luminous Flux; Illuminance; Luminous Intensity; Luminance; Luminous Exitance; The Eye and Seeing; Physiology of the Eye; The Controllable Qualities of Light; Intensity; Distribution; Color; Movement; Sidebar 1.1 Designer Profile; Functions of Lighting; Visibility; Establishing a Scene; Modeling; Mood; Focus; Composition; Style; Staging the Story; Rhythm; For Further Reading 2 Light and Perception Visibility; Intensity or Brightness; Relative Intensity; Psychological Responses; Intensity Related Issues; Mood Alteration; Overstimulation; Glare; Color Perception; Adaptation; Defining Form and Shape; Front Light; Sidelight; Downlight and Backlight; Sidebar 2.1 Designer Profile; Key and Fill; Silhouettes and Grazing; Shape; Composition; Movement and Light; Cues and Transitions; For Further Reading; 3 Color and Its Effects; What is Color?; The Visible Spectrum; Primary Colors; CIE Chromaticity Chart; Color Temperature; Color Rendering; Additive and Subtractive Mixing Additive Mixing Subtractive Mixing; Filtering Light; Color Media; Plastic Media; Glass Media; Sidebar 3.1 Spectral Analysis of Gel; Dichroic

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Sommario/riassunto

The book's organization follows a layered approach that builds on basic principles: Light as a Medium (Part 1), Tools of a Lighting Designer (Part 2), Design Fundamentals (Part 3), and Lighting Applications (Part 4). This presents students with a practical and logical sequence when learning basic concepts. The full spectrum of the lighting design process is presented in detail, giving students an example of how one might develop a lighting design from script analysis through concept and plot development, and all the way to an opening. This detailed process with a step-by-step design approach gives students a plan to work from, which they can later modify as they mature and gain confidence as designers. The text contains a more comprehensive discussion of basic technology, light as a physical phenomena, and methodology of designs than is found in most introductory texts, bridging the gap between introductory and advanced lighting courses. The text will appeal to theatrical designers who want to venture into areas of lighting like architectural or virtual lighting design, while at the same time gaining a solid grounding in the fundamentals of lighting design. Lighting Design will also benefit illuminating engineers who want to move away from mere computational approaches in lighting and on to explore techniques along the design approaches of theatrical lighting design. The final 9 chapters cover many specialty areas of lighting design, highlighting the unique and shared qualities that exist between the different aspects of these elements. Discussions involve traditional entertainment areas like theatre, as well as lesser known facets of the industry including film/video, landscape lighting, retail/museum lighting, virtual lighting, concert, spectacle performances, and architectural lighting. Models of design tasks demonstrate the actual use and development of plots/sections, schedules, photometrics tables, and cut sheets, rather than simply talking about what they are. This hands-on approach provides students with a firm understanding of how to actually use these tools and processes.
