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| Descrizione fisica      | 1 online resource (291 p.)   |
| Collana                 | NKBA Professional Resource Library   |
| Disciplina              | 621.32/2   |
| Soggetti                | Dwellings - Lighting<br>Kitchens - Design and construction<br>Bathrooms - Design and construction<br>Electronic books.   |
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| 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       | Kitchen & Bath Lighting; Sponsors; About the National Kitchen & Bath Association; Table of Contents; Preface; Acknowledgments; Chapter 1 How We See; Physics of Light; Vision; Contrast; Adaptation; Physiology of the Eye; Measuring Light; Lumen-the Flow of Light; Candela-The Intensity of Light; Footcandle/Lux-Light Falling on a Surface; Brightness-The Perception of Light; Measurement versus Perception; Summary; Review Questions; Chapter 2 Seeing Materials; Color; Color in Light; Refraction and Wavelength; Color Vision; White Light; Color in Objects; Form and Texture; Matte and Gloss<br>Specularity and ReflectivitySummary; Review Questions; Chapter 3 Seeing the Space and Each Other; Appearance of Light; Color Temperature; Color Appearance and Color Rendering; Color Appearance, Mood, and Culture; Light and Our Sense of Space; Peripheral Lighting; Nonuniform and Uniform Lighting; Light and Spatial Impression; Light and People; More than Skin Deep; Lighting Faces; Summary; Review Questions; Chapter 4 Seeing the Work; Task Visibility; Task Contrast; Visual Size; Time, Speed, and Accuracy; Age; Luminance; Visual Performance; Illuminance; Footcandles; Illuminance |

## Levels

Horizontal and Vertical Tasks Challenges to Task Visibility; Small Size and Low Contrast; Viewer; Lighting Quality; Summary; Review Questions; Chapter 5 Seeing as We Age; How Vision Changes with Age; Lighting Solutions for Aging Eyes; Lighting and Safety; Special Considerations for Safety and Convenience; Summary; Review Questions; Chapter 6 Speaking about Lighting; Lighting Effects, Not Equipment; How Should a Space Feel?; Brightness and First Impression; Emotion and Activity; Layering; Experiential Layers of Light; Focal Light; Ambient Light; Sparkle; Using the Experiential Layers of Light Functional Layers of Light Task Lighting; Ambient Lighting; Accent Lighting; Wall Lighting; Decorative Lighting; Using the Functional Layers of Light; Applying Light; Direction; Concentration; Orientation; What, Where, How; Summary; Review Questions; Chapter 7 Sustainable Lighting; Definition of Sustainability; Environmental Impacts of Lighting; Electricity: Generation and Consumption; Material Usage; Material Content; Recycling; Sustainability and the Cost of Lighting; Material Cost; Electricity Cost; Labor Cost; Disposal Cost; Total Cost of Ownership; Life Cycle Cost Sustainable Lighting Strategies Motivation; Energy Efficiency; Long Equipment Life; Clean Materials; Sustainability and Cost; Summary; Review Questions; Chapter 8 THE Importance of Daylight; Daylight and Human Experience; From the Outside In; View; Comfort; Health; Beauty; Light; Daylight in Different Forms; Sunlight; Skylight; Overcast Sky; Reflected Daylight; Characteristics of Daylight; Intensity; Direction and Texture; Color; Change; Admitting Daylight; Orientation; Windows; Clerestories; Skylights; Sharing Daylight; Shading; Integrating Daylight and Electric Lighting Compensating for Insufficient Daylight

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### Sommario/riassunto

The leading design resource for the most important residential lighting environments For residential lighting designers, contractors, and other professionals, the kitchen and the bathroom are the most popular and most lucrative rooms in the home. To manage your design or remodeling career successfully you need to understand the fundamentals of lighting design, as well as the issues specific to kitchen and bathroom environments. Kitchen and Bath Lighting, the latest addition to the National Kitchen and Bath Association's Professional Resource Library, is a comprehensive guide to the most impor

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