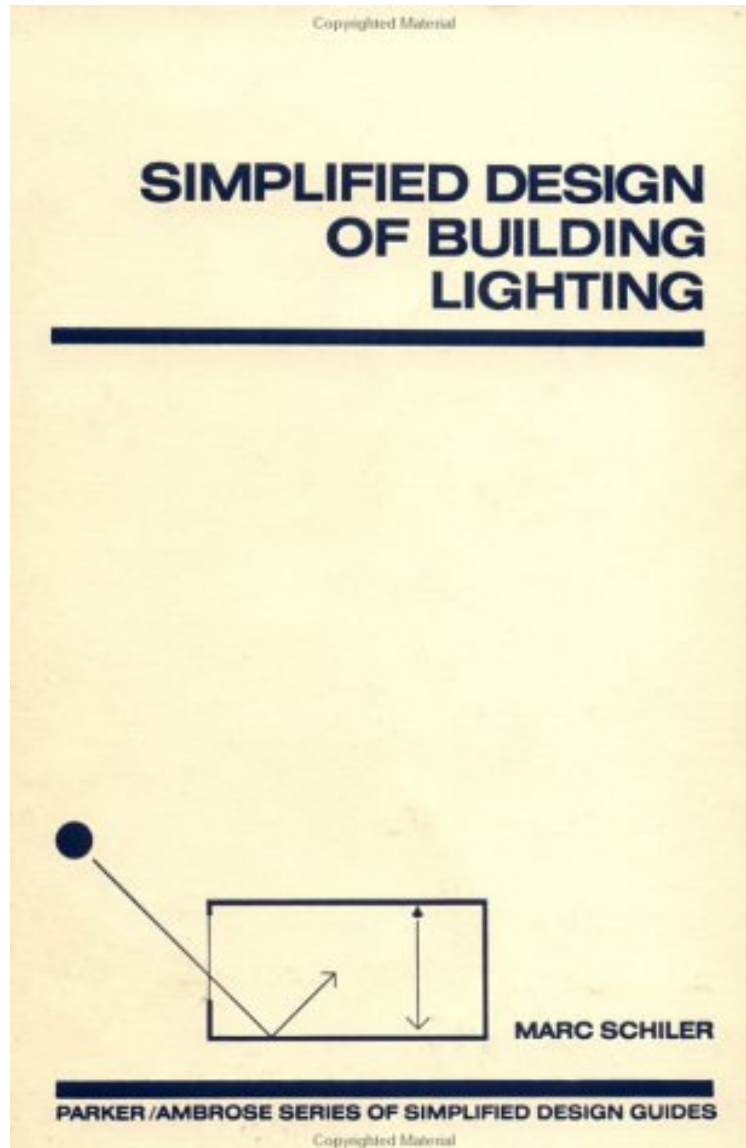


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Simplified Design of Building Lighting (Parker/Ambrose Series of Simplified Design Guides)

Marc Schiler

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Marc Schiler : Simplified Design of Building Lighting (Parker/Ambrose Series of Simplified Design Guides) before purchasing it in order to gage whether or not it would be worth my time, and all praised Simplified Design of Building Lighting (Parker/Ambrose Series of Simplified Design Guides):

Uses a simple and practical approach to cover typical components and design of ordinary, uncomplicated systems for building lighting basics. Both natural lighting and electrical lighting are included and both the Commission Internationale d'Eclairage and IESNA methods are introduced for daylighting calculations. An expanded version of the point method is shown that covers all orientations instead of only orthogonal relationships. Along with terms and fixtures commonly used in the profession, each chapter includes numerous examples, ending with exercises and study questions that enable readers to better understand the material.

From the Publisher Uses a simple and practical approach to cover typical components and design of ordinary, uncomplicated systems for building lighting. Natural and electrical lighting are discussed and both CIE and IESNA techniques introduced for daylight calculations. An expanded version of the point method, covering all orientations, is described. Along with terms and fixtures commonly used in the profession, each chapter includes numerous examples, ending with exercises and study questions that enable readers to better understand the material and the appendix provides detailed solutions. From the Back Cover An accessible, one-stop guide to the theory and practice of lighting design Simplified Design of Building Lighting provides concise and easy-to-grasp coverage of building lighting basics. Requiring only a minimum of background technical knowledge, this valuable guide introduces essential concepts, terms, fixtures, and calculations, along with practical methods necessary for effective lighting design. Examples and exercises--with detailed solutions--are provided for each chapter to help the reader both understand and apply the material presented. Covers natural lighting and electrical lighting * Reconciles current IES terms with previous ones * Includes both IES and CIE lighting methods and calculations * Contains a simple version of the point method for all orientations * Presents useful working design guidelines * Features required topics for architect licensing exams * Comes with helpful tables, charts, and worksheets. Refreshingly clear in content and format, this self-contained handbook is an ideal resource for students and professionals in architecture, interior design, electrical engineering, and related fields. He is Associate Professor of Architecture at the University of Southern California. He is the editor of *Simulating Daylight with Architectural Models* and coauthor of *Landscape Design That Saves Energy*. He is Editor of the Parker/Ambrose Series of Simplified Design Guides. He has practiced as an architect in California and Illinois, and as a structural engineer in Illinois. He recently retired as professor of architecture at the University of Southern California.