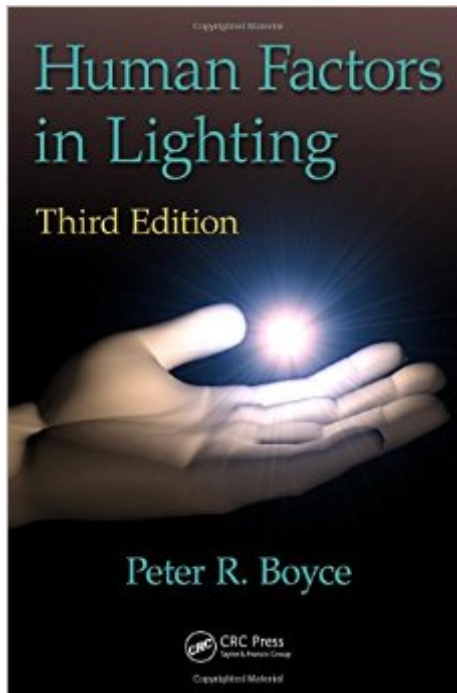


The book was found

Human Factors In Lighting, Third Edition



Synopsis

The availability of electric lighting has changed the lives of people the world over, yet as a major user of electricity it has come under increasing scrutiny in recent years. This scrutiny has focused largely on the environmental consequences, with little consideration of the benefits of lighting. *Human Factors in Lighting, Third Edition* restores some balance to the discussion by examining the ways in which people interact with lighting. These interactions influence the ability to perform visual tasks; the perception of people, objects, and spaces; human comfort and behavior; as well as human health and safety. It is only by understanding how to use light to achieve these ends that lighting can be provided effectively and efficiently to the benefit of all. See *What's New in the Third Edition*: New chapters on the non-image-forming system, lighting for pedestrians, light pollution, and lighting and electricity use. Revision of all other chapters to update them to take into account the advances that have been made in our understanding of the effects of light on people over the last decade. Integration of the combined effects of light via the visual and non-image-forming systems on performance and perception. The book covers both the visual and the non-visual effects of light on people as well as the benefits of lighting and the costs it imposes on the environment. It details the consequences of exposure to lighting or lighting technology and the role of exposure to light on such basic functions of the body as circadian rhythms. The author combines information from many different sources and integrates them into a coherent overview of lighting practice that can be used to develop better lighting solutions at a lower environmental cost.

Book Information

Paperback: 703 pages

Publisher: CRC Press; 3 edition (April 7, 2014)

Language: English

ISBN-10: 1439874883

ISBN-13: 978-1439874882

Product Dimensions: 1.5 x 6 x 9 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,298,689 in Books (See Top 100 in Books) #138 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Ergonomics](#)

#509 in [Books > Science & Math > Physics > Optics](#) #541 in [Books > Engineering &](#)

[Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Health & Safety](#)

[Download to continue reading...](#)

Handbook of Aviation Human Factors, Second Edition (Human Factors in Transportation (Hardcover)) Human Factors in Lighting, Third Edition Conceptual Foundations of Human Factors Measurement (Human Factors and Ergonomics) Human Computer Interaction Handbook: Fundamentals, Evolving Technologies, and Emerging Applications, Third Edition (Human Factors and Ergonomics) Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Hydroponics for Beginners. How to Grow Hydroponics at Home: Light for Hydroponics, Special Lighting Lamps for Rapid Growth, Classification and Calculation of Lighting (Volume 1) The Home Lighting Effects Bible: Ideas and Know-How for Better Lighting in Every Part of Your Home LED Lighting: A Primer to Lighting the Future Human Factors and Ergonomics Design Handbook, Third Edition A Human Error Approach to Aviation Accident Analysis: The Human Factors Analysis and Classification System Human Factors Methods for Design: Making Systems Human-Centered Introduction to Human Factors Engineering (2nd Edition) Human Factors in Simple and Complex Systems, Second Edition Safety Differently: Human Factors for a New Era, Second Edition Introduction to Human Factors and Ergonomics for Engineers, Second Edition Human Factors In Engineering and Design Measure of Man and Woman: Human Factors in Design Handbook of Occupational Safety and Health (Human Factors and Ergonomics) The Science of Footwear (Human Factors and Ergonomics)

[Dmca](#)