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Find the Correct Lighting Solutions for Any Space


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The Right Light

Matching Technologies to Needs and Applications

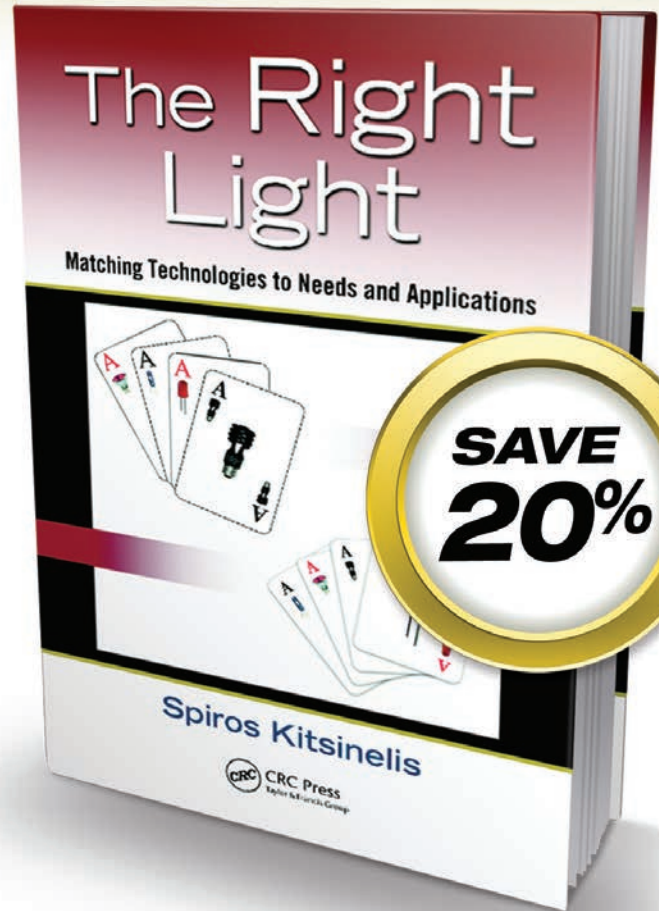
Spiros Kitsinelis • Athens, Greece

Explore All Available Technologies for a Range of Applications

With so many new lighting technologies available for a wide range of visual environments, how do you choose the options that best address the needs and improve the quality of life for various groups? Focusing on applications and everyday use of light sources, **The Right Light: Matching Technologies to Needs and Applications** provides a comprehensive explanation of all light sources to be used as a guide to choosing the right lighting technology.

The book supplies a quick overview of the main characteristics of the existing technologies in the market and suggestions for appropriate technologies for a range of applications from health related issues to safety and security. The author characterizes different lamp technologies based on the large number of parameters required when choosing a light source. He makes suggestions based mainly on the qualities of the light such as color/wavelength of the light, color rendering index of the source, and, in the case of white light, the color temperature. Other parameters such as the luminous flux or the lifetime may play a role in some cases.

From the improvement of the quality of life of people in their working and living spaces, to road safety or treatment of medical conditions and from managing cancer rates to improving the lives of vision impaired people, the correct choice of light sources and the appropriate lighting design can indeed make the difference between comfortable and problematic everyday life or indeed life and death. Whether you design work spaces, public spaces, or living spaces, this book examines the different technologies and their properties in a way that allows you to find the correct lighting solutions and light related answers for any space.



FEATURES

- Explains how LED emergence and dominance requires a new look at how a range of professionals can take advantage of its dynamic capabilities
- Identifies the most appropriate technologies for creating the most suitable lighting and visual environment to accommodate needs
- Contains specific proposals for choosing lighting in a range of working and living environments, indoor and outdoor spaces, with health and safety considerations
- Offers an analysis of characteristics of all existing sources
- Provides tables of standards for different environments and applications

Catalog no. K14350, May 2012, c. 165 pp.
ISBN: 978-1-4398-9931-1, \$129.95 / £82.00

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The Right Light

Matching Technologies to Needs and Applications

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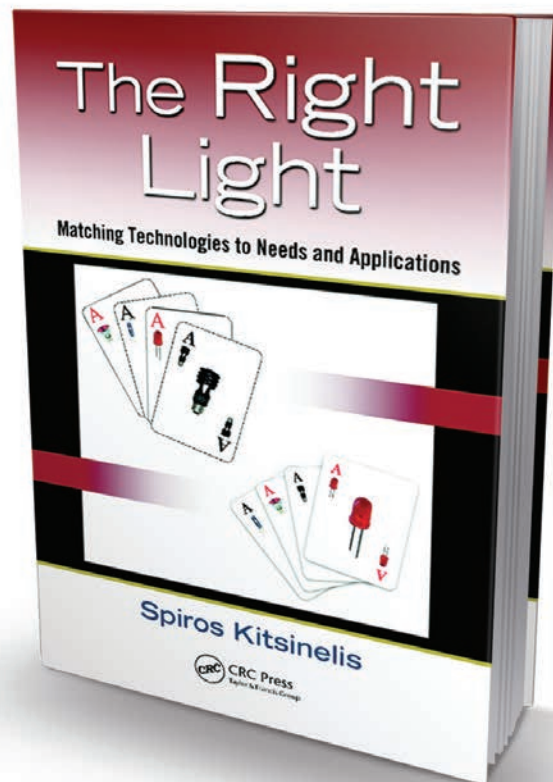
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