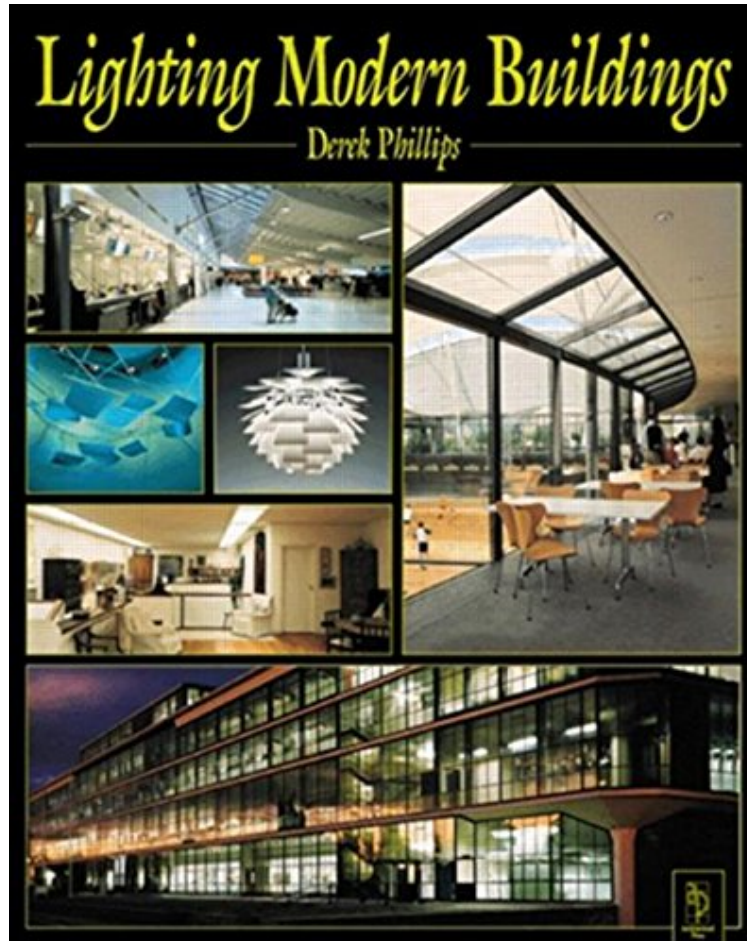


Lighting Modern Buildings

Derek Phillips

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Derek Phillips : Lighting Modern Buildings before purchasing it in order to gage whether or not it would be worth my time, and all praised Lighting Modern Buildings:

This is an important book, written by one of the top lighting designers in the country. Written at the end of a career as an architect and lighting designer, the book draws on the experience gained while living through a period of intense lighting development, from 1956 up to the millenium. It bridges the gap between the present day architect and lighting engineer, from the viewpoint of the 'independent lighting designer'. 'Lighting Modern Buildings' documents the part played by the independent lighting designer, leading to a greater understanding by architects and lighting engineers of the importance of lighting in architectural design. The book starts with an exploration of the basic human needs of vision and the perception of our exterior world...the intellectual and the physical...since this is what lighting is all about. To do this, it is necessary to trace the development of daylight from earliest times up to the present day; the

starting point for any lighting design is the 'natural' source. Whilst an essential understanding of the role of daylight is the beginning, a knowledge of the various forms and properties of artificial light is essential; not only at night but during the day. In early buildings, there was one form of light - daylight - during the day and another - artificial - at night. No attempt was made to integrate the two. The situation today is different; there are many reasons for this, not least in the possibilities of modern structure. The book therefore has extensive coverage of day and night lighting and how it is designed to provide optimum solutions in building design. A major portion of Derek Phillips' book is devoted to 'design'. Sufficient technical detail is provided in the book to permit an understanding of the design principles of each scheme. Schemes illustrated vary from small domestic buildings, churches and workplace, to those devoted to leisure and sport. At the end of each section a series of conclusions are drawn leading to a philosophy of lighting design. * Learn how to design optimum lighting solutions* Understand how to bridge the gap between architects and lighting engineers* Discover how to integrate natural and artificial light sources

'A rigorous, rounded and highly readable analysis of the role of lighting in buildings. A companion to *Lighting in Historic Buildings*, published by the same author in 1997, and essential reading for any professional involved in this area.' *Light Magazine* 'the relationship between daylight and electric light...is explored with great clarity in *Lighting Modern Buildings*, the latest tome by industry guru and DPA Lighting founder Derek Phillips.' *Light and Lighting* 'a thorough and comprehensive book for those interested in the design and integration of functional lighting in buildings... all aspects of the design process are covered well.' *Lighting and Sound* From the Publisher 'Lighting Modern Buildings' documents the part played by the independent lighting designer, leading to a greater understanding by architects and lighting engineers of the importance of lighting in architectural design. The book starts with an exploration of the basic human needs of vision and the perception of our exterior world...the intellectual and the physical...since this is what lighting is all about. To do this, it is necessary to trace the development of daylight from earliest times up to the present day; the starting point for any lighting design is the 'natural' source. Whilst an essential understanding of the role of daylight is the beginning, a knowledge of the various forms and properties of artificial light is essential; not only at night but during the day. In early buildings, there was one form of light - daylight - during the day and another - artificial - at night. No attempt was made to integrate the two. The situation today is different; there are many reasons for this, not least in the possibilities of modern structure. The book therefore has extensive coverage of day and night lighting and how it is designed to provide optimum solutions in building design. A major portion of Derek Phillips' book is devoted to 'design'. Sufficient technical detail is provided in the book to permit an understanding of the design principles of each scheme. Schemes illustrated vary from small domestic buildings, churches and workplace, to those devoted to leisure and sport. At the end of each section a series of conclusions are drawn leading to a philosophy of lighting design. About the Author Derek Phillips is a retired architect and lighting consultant. He established his own company of Architects and Lighting Consultants and was head of the business. He was President of the Chartered Institute of Building Services Engineers (CIBSE) and is now Chairman for the CIBSE Daylight Group. He was also Vice President of the International Association of Lighting Designers NY from and consultant to UNESCO on ancient monuments in Sri Lanka. He has won the UK National Lighting Award three times and has also won the European version of the prize. He has published numerous books and papers on the subject of lighting, including 'Lighting Historic Buildings' and 'Lighting Modern Buildings' for Architectural Press.