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Daylighting Design: Planning Strategies and Best Practice Solutions

Mohamed Boubekri

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Mohamed Boubekri : Daylighting Design: Planning Strategies and Best Practice Solutions before purchasing it in order to gauge whether or not it would be worth my time, and all praised Daylighting Design: Planning Strategies and Best Practice Solutions:

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For thousands of years people have aligned their homes with the sun. This tendency decreased with the availability of artificial light. Yet, due to the health effects of artificial light as well as rising energy costs, the issue of designing with daylight is of great importance again today. The primary objective of daylight systems is to make maximum use of daylight for certain building types and climates. The book documents the various dimensions of the optimum use of

daylight with particular reference to window orientation, light distribution, and prism technology, and discusses the health and economic related aspects. In the final chapter, existing design concepts are documented in detail, including the expansion of the Art Institute of Chicago Museum in the United States by Renzo Piano Building Workshop, Terminal 3 of the Changi Airport in Singapore by Skidmore, Owings Merrill, and the Clever House in Germany by Behnisch Architekten.

About the Author Prof. Dr. Mohamed Boubekri, University of Illinois at Urbana-Champaign, USA.