

(Mobile ebook) Daylighting Design in the Pacific Northwest (Sustainable Design Solutions from the Pacific Northwest)

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Christopher M. Meek, Kevin Van Der Wymelenberg : Daylighting Design in the Pacific Northwest (Sustainable Design Solutions from the Pacific Northwest) before purchasing it in order to gage whether or not it would be worth my time, and all praised Daylighting Design in the Pacific Northwest (Sustainable Design Solutions from the Pacific Northwest):

0 of 0 people found the following review helpful. Strongly Recommended for Today's LeadersBy DougChristopher Meek has done a fantastic service for those of us who design buildings in the Pacific Northwest. The scientific approach to evaluating spatial characteristics then responding with design matched to technical performance light-transmitting plastics is one way we are going to beat this climate-change phenomenon.If only those non-technically-minded "leaders" would educate themselves about what is possible - and insist on these intelligent design+technology responses.1 of 1 people found the following review helpful. Excellent BookBy ZeutenhorstIf you want to learn about daylighting, this is a great place to start.Technical with lots of visuals.Highly recommend.

In addition to conserving energy, the use of daylight in architecture can be a powerful aesthetic tool. The effective employment of natural lighting is an important component of sustainable design, and some of the best work in this area comes from the Northwest. This practice-based book focuses on fourteen projects ranging from schools to community centers to office buildings to a garbage/recycling center. It discusses the particular challenges of each project and the solutions found by the design teams as they sought to take advantage of daylight to create pleasant, workable, energy-efficient spaces. In each case, consideration has been given to location, elevation, orientation, microclimate throughout the seasons, and the effect on light of surrounding structures, land forms, and trees, as well as

to the lighting requirements of occupants. While some sustainable design strategies are general and not specific to place, place-specific opportunities and challenges are especially important in daylighting design. This book spotlights innovative design in a region heavily influenced by climate and landscape, makes use of environmentally friendly technologies, and looks at projects that aim to achieve social as well as aesthetic goals. It will be of great value to architects, engineers, lighting designers, and green building consultants, as well as to students in these fields.

"Examples demonstrate how unique designs, developed by some of our region's best architects, have successfully integrated daylighting solutions and maximized environmental performance, illustrating a design process that can be modified to fit any environment." -David Miller, University of Washington "Examples demonstrate how unique designs, developed by some of our region's best architects, have successfully integrated daylighting solutions and maximized environmental performance, illustrating a design process that can be modified to fit any environment." David Miller, University of Washington About the Author Christopher Meek is research assistant professor of architecture at the University of Washington. Kevin Van Den Wymelenberg is assistant professor of architecture at the University of Idaho.