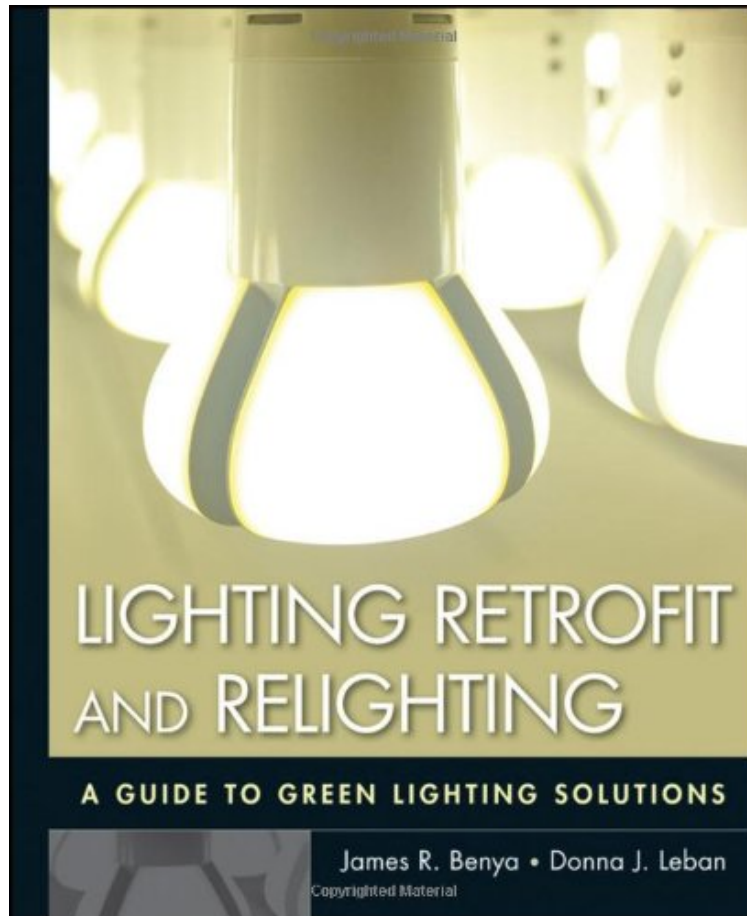


Lighting Retrofit and Relighting: A Guide to Energy Efficient Lighting

James R. Benya, Donna J. Leban
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James R. Benya, Donna J. Leban : Lighting Retrofit and Relighting: A Guide to Energy Efficient Lighting before purchasing it in order to gage whether or not it would be worth my time, and all praised Lighting Retrofit and Relighting: A Guide to Energy Efficient Lighting:

10 of 10 people found the following review helpful. First Book on the Subject - And Right on PointBy Kate ReifersTwo and a half years ago I started a company focused on energy efficient lighting retrofits and upgrades for businesses. Up until the publication of "Lighting Retrofit and Relighting," there was very little comprehensive information about retrofitting and relighting and additionally had to be found from a variety of different sources. You can always get information on products meant to be used in ideal/perfect retrofit situations from manufacturers, but not all have detailed information about troubleshooting and installation instructions when dealing with existing fixtures. You can always get books on lighting for new construction, and boy it is so much easier when you are working from a clean slate.Rarely is the lighting retrofit market and luminaire selection process straightforward or consistent. From

one customer to the next, EVERY situation is different and requires understanding the technologies as you would the back of your hand. Deciding what is most appropriate and for which applications is a time consuming and extremely detailed task, and it is even harder to explain to an outsider. The Bottom Line: I wish I had access to this book and the information when I opened my company. It is comprehensive, technical without being intimidating, as well as providing practical, real-world solutions. For the novice this book will take you from start to finish and provide excellent guidance for a majority of the lighting retrofit situations you will encounter. For the intermediate to advanced lighting professional, this book will refresh your knowledge base and will present an organized approach that, on many days, seems nearly impossible to try to explain to someone else. Regardless of skill level, this is a must have reference for electricians, lighting professionals, specifiers, architects and contractors. I would also say that this could prove to be a great reference for the NCQLP LC exam

The ultimate guide to the retrofitting of lighting for greater efficiency and performance Retrofitting outdated energy-guzzling lighting components with green energy-saving alternatives is a process that promotes sustainability and offers significant benefits for businesses, contractors, and the community at large. Not only can retrofitting improve the overall quality and functionality of light, it also can make spaces safer, easier and less costly to maintain, and more comfortable to inhabit. From lighting technology to retrofit financial analysis, *Lighting Retrofit and Relighting* evaluates the latest lighting system types, then demonstrates how to apply them for the greatest functional and cost-saving benefit. This book: Discusses the recent advances in lighting equipment and retrofittable controls, for both interior and outdoor use Explains how to do a lighting audit to identify and evaluate logical retrofit choices Includes case studies of retrofits, illustrating improvements in the quality and efficacy of new lighting Demonstrates how cost savings realized over time can not only pay for new equipment but produce a return on the investment *Lighting Retrofit and Relighting* serves as an ideal reference for students or professionals whether they are energy auditors, designers, installers, facilities managers, or manufacturers by taking a close look at the most current lighting technology illuminating pathways toward a brighter future.

An analysis of what is arguably the most expeditious manner in which the U.S. can see significant energy savings in the short term. Buy it if you or someone you know is responsible for building energy. LD+A: The magazine of the Illuminating Engineering Society of North America (August 2011) About the Author JAMES R. BENYA, PE, FIES, IALD, LC, is Principal of Benya Lighting Design of West Linn, Oregon. He is a professional lighting designer and consultant with more than thirty-five years of experience. His design work has been published in numerous industry magazines, and he has lectured extensively on the professional conference circuit. DONNA J. LEBAN, AIA, LC, is a licensed architect, professional lighting designer, educator, and principal of Light/Space/Design in Burlington, Vermont. She has many years of professional experience in commercial and educational architecture, and as an efficiency expert, writer, instructor, and demand-side management facilitator with a New England electric utility.