

# NEW BUILDING INSTITUTE RELEASES Advanced Lighting Guidelines Online

## WHAT ARE ADVANCED LIGHTING GUIDELINES?

With rising interest in green building, lighting design professionals are called upon not only to deliver great lighting plans but also to incorporate the most advanced, energy-saving strategies and technologies. For nearly two decades, the Advanced Lighting Guidelines (ALG) has helped designers achieve both goals with instructional graphics and superior lighting design solutions for many typical building or space types. ALG is a premier resource for energy-efficient lighting design, technologies and applications representing the latest and best thinking of experts in the field.

New Buildings Institute, a nonprofit organization working to improve energy performance in commercial buildings, revised the Advanced Lighting Guidelines from its traditional book form to an online tool called ALG Online, launched in November 2010.

## WHAT CAN I FIND ON ALG ONLINE?

While ALG has been offered in book form for years, New Buildings Institute will make it available online with more current, more searchable and more comprehensive information. The new ALG Online features:

- Up-to-date information on energy-efficient lighting design and integration with other green building practices
- Expert guidance from the industry's top thinkers
- The latest lighting technology data and best practices, covering lamps, ballasts, luminaires and controls
- Continuous editing and updating, making ALG Online more current than ever
- Indispensable information for engineers, architects, designers, professors and students to take their knowledge to the next level

## HOW CAN I ACCESS THE NEW ALG ONLINE?

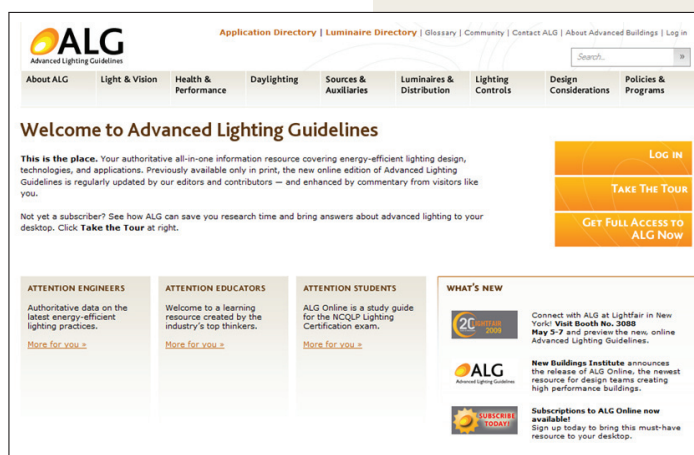
This web-based tool will be accessible for a minimal annual subscription fee. Subscriptions are available at the following prices:

**PROFESSIONALS**  
\$95 for one-year subscription

**STUDENTS**  
\$60 for one-year subscription

Group discounts will also be offered to organizations looking to save money on multiple subscriptions. To subscribe to the new ALG Online, visit:

[www.algonline.org](http://www.algonline.org)



The screenshot shows the ALG Online website interface. At the top, there is a navigation menu with links for 'Application Directory', 'Luminaire Directory', 'Glossary', 'Community', 'Contact ALG', 'About Advanced Buildings', and 'Log in'. Below the navigation is a search bar and a list of menu items: 'About ALG', 'Light & Vision', 'Health & Performance', 'Daylighting', 'Sources & Auxiliaries', 'Luminaires & Distribution', 'Lighting Controls', 'Design Considerations', and 'Policies & Programs'. The main content area features a 'Welcome to Advanced Lighting Guidelines' message, a 'This is the place' paragraph, and three buttons: 'LOG IN', 'TAKE THE TOUR', and 'GET FULL ACCESS TO ALG NOW'. Below this, there are three columns for 'ATTENTION ENGINEERS', 'ATTENTION EDUCATORS', and 'ATTENTION STUDENTS', each with a brief description and a 'More for you >' link. A 'WHAT'S NEW' section on the right highlights recent updates, including a '2010 Update' and a 'New Buildings Institute' announcement.

## MEET THE AUTHORS OF ALG ONLINE

**BARB HAMILTON:** Barb is the Lighting Manager for New Buildings Institute. She has bachelor degrees in Marketing and Interior Architecture and earned a Masters of Science in Lighting from the Lighting Research Center of Rensselaer Polytechnic Institute. She has over a decade of experience working as a lighting designer and manufacturer's representative connecting the advanced lighting practice of the Portland architectural market with some of the country's top manufacturers. She is editor and manager for ALG online.

**NAOMI JOHNSON MILLER, FIES, FIALD, LC:** After 10 years as the principal of Naomi Miller Lighting Design in Troy, New York, Naomi recently began working with Pacific Northwest National Labs. Naomi has more than 30 architectural lighting design awards for projects ranging from churches to university science buildings, boutique hotels, supermarkets and parking lots. She chaired the Illuminating Engineering Society's Quality of the Visual Environment committee for 8 years and was the principal member of the writing team for the IES's *Light + Design: A Guide to Designing Quality Lighting for People and Buildings*. She is a Fellow of the IALD. Research interests include lighting quality, the aging eye, health effects of light, dark skies, sustainability and energy efficiency.

**TERRY K. MCGOWAN:** Terry owns his own consulting business, Lighting Ideas, Inc. in Cleveland, Ohio. He specializes in illuminating engineering, lighting design and lighting education. He is also Director of Engineering for the American Lighting Association. Before retiring from GE Lighting in 1998, he was manager of Worldwide Application Development and the Lighting Institute of Nela Park in Cleveland. He's a Fellow of the Illuminating Engineering Society of North America and the 2009 recipient of the IES Medal Award.

**KONSTANTINOS PAPAMICHAEL:** Konstantinos is a professor and the Co-Director for the California Lighting Technology Center at the University of California, Davis. During the last 30 years, Konstantinos has been working on the development of energy efficiency strategies and technologies for buildings, focusing on fenestration systems and daylighting, as well as the integration of electric lighting and fenestration controls. He is the author of more than 80 publications related to research and four patents on lighting controls. His latest work on daylighting harvest controls was recognized by the Illuminating Engineering Society as a unique and significant advancement in the art and science of daylighting.

**CRAIG DILOUIE:** Craig is a regular contributor to several lighting trade publications, including *LM&M* (NALMCO), *Illuminate*, *Architectural SSL*, *Lighting India*, *Enlighten* (Wiedenbach-Brown), *Power Outlet* (Rexel USA), and is also the producer of the LightNOW blog and newsletter. He has authored four books about lighting management, lighting controls and electrical systems design and has served prestigious education clients such as the U.S. Department of Energy, IALD, IES, Howard Brandston, NEMA, NALMCO, Lighting Controls Association, Home Lighting Control Alliance, and Lighting Design Lab.

## ABOUT NEW BUILDINGS INSTITUTE

*ALG Online is one of the design guides offered by New Buildings Institute (NBI) through its Advanced Buildings® suite of tools and resources. NBI is a nonprofit organization working to improve the energy performance of commercial buildings. The organization works collaboratively with commercial building market players—governments, utilities, energy efficiency advocates and building professionals—to remove barriers to energy efficiency, including promoting advanced design practices, improved technologies, public policies and programs that improve energy efficiency.*

*NBI works nationally with offices located in White Salmon, Seattle and Vancouver, Washington. Visit us for more information about New Buildings Institute at [www.newbuildings.org](http://www.newbuildings.org), ALG Online at [www.algonline.org](http://www.algonline.org) and Advanced Buildings at [www.advancedbuildings.net](http://www.advancedbuildings.net).*