



# ENERGY STAR® Lighting Newsletter

## LIGHTING THE WAY TO A BRIGHTER FUTURE

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### Success in St. Paul

It wasn't snow that came to St. Paul, MN, October 22 – 24, 2012, but an engaged group of more than 600 supporters of ENERGY STAR products! Manufacturers, retailers, utilities and program sponsors, consultants and implementers, and government partners gathered at the Crowne Plaza St. Paul Riverfront for the 2012 ENERGY STAR Products Partner Meeting (PPM) to show new products, talk about new technologies, discuss ways to promote products and network, network, network - all in addition to celebrating the 20<sup>th</sup> year of the ENERGY STAR program.



The 3-day meeting began Monday with the lighting track and was followed by the appliance, consumer electronics and water heaters track. Similar to previous years, the lighting track consisted of a broad range of topics for energy efficiency providers, manufacturers and retailers. If you missed any of this very full day-and-a-half of lighting sessions, the following presentations are posted on the website at [www.energystar.gov/partnermeeting](http://www.energystar.gov/partnermeeting):

On the technical side, the ENERGY STAR lighting program continues to be very active!

- [Attendees were illuminated](#) on the status of the Lamps specification currently in development and upcoming changes to the Luminaires specification.
- Because ENERGY STAR specifications rely on industry approved test methods and standards, [a glowing presentation](#) included the latest developments.
- The [landscape](#) on [dimming](#) and solutions was discussed by a bright panel of experts.

Marketing and messaging plays an important role in making ENERGY STAR a success!

- The "Watts a Lumen?" [session](#) enlightened attendees on the impact of federal lighting standards and how best to [educate consumers](#).
- Some shining [examples](#) of lighting [incentive programs](#) were discussed in the *Expanding ENERGY STAR Lighting Portfolios Lessons Learned* [presentation](#).

- Brilliant examples of [marketing](#) and delivering the [quality message](#) of ENERGY STAR were presented.
- New partners saw the light at [All About ENERGY STAR: What Every Partner Should Know](#).

What's a program without product?

- Manufacturers were brightened during the [How to Navigate Lighting Certification](#), a [session](#) that provided [tips](#) on [certifying products](#) via the third-party certification process.
- [Bringing an ENERGY STAR Certified Lighting Product to Market](#) illuminated partners on the [process](#) and [time it takes](#) to bring a [lighting product](#) from [design](#) to the store shelf.
- EPA is bringing a dazzling new system online in 2013 that will make [finding ENERGY STAR products easier](#).
- [The Residential Lighting Market: Past, Present & Future](#) showed there is a bright future for lighting!

Promoting responsible use of resources, attendees were encouraged to print and bring with them any documents they might need and a smartphone application was created for the meeting to provide access to the schedule, agenda companion, and other important information. More than a third of attendees downloaded the app! Other conservation efforts included water stations, replacing bottled water, and the hotel served local, sustainable food where possible. Simple steps like this can make a big difference when you are catering to 600 people!

A low registration fee was made possible by generous partner sponsorship. **THANK YOU** to the following ENERGY STAR lighting partners: Cordelia Lighting, Feit Electric, Globe Electric, Greenlite, Lights of America and TCP. Lighting was also a leader with more than 20 lighting manufacturers showing their best (and brightest!) product at the ENERGY STAR Products Expo.

Make sure your current contact information is up-to-date with your [My ENERGY STAR Account](#) (MESA) so you don't miss out on details for the 2013 ENERGY STAR Products Partner Meeting!

Please let us know if you have any thoughts or recommendations for the next ENERGY STAR Products Partner Meeting. This is *your* meeting! Contact [Taylor Jantz-Sell](#) at EPA with your ideas!

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## Lighting Resources Just a Click Away

There is *so much* great information available for partners at [energystar.gov](#)! To help make it easier for our lighting partners, some handy information and links are located at [www.energystar.gov/lightingresources](#).

Shortcut links to: lighting specifications (current, in development and archived), shipment data, verification testing, the ENERGY STAR Partner Meeting, and information on certification bodies and EPA-recognized laboratories and links to QPLs.

Info-graphics available for your use such as:

- how to choose
- lifetime cost savings graph
- choosing the right color,
- light output chart
- bulb illustrations

Resource documents:

- 2012 ENERGY STAR Summary of Lighting Programs (also found at [www.energystar.gov/dime](#))
- Archived Residential Light Fixtures and Solid State Luminaires QPL
- Market profiles
- Light bulb price trends



- *Who's Who* is a handy reference that explains all the different programs you might hear about for lighting products such as ENERGY STAR, DLC, Lighting Facts, and more.
- *Lighting Shortcuts* has all the handy links for lighting in one place to help you find everything you need for lighting. Keep this at-a-glance reference document close to you.

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## Attention Luminaires Manufacturers: New Certification Resources Now Available!

Check out the newly posted new materials that aid in the understanding and certification of lighting products.

- [Certifying Luminaires – Utilizing the Certified Subcomponent Database \(CSD\)](#) clarifies what products can be listed on the CSD and the testing required to list. Helpful tables outline these tests.
- [Certifying Luminaires – LED Light Engines and GU24 Base Lamps](#) helps explain the nuances and benefits of these two light sources and how to get these products listed on the CSD.
- [Certifying Luminaires – Maximizing Testing Investment](#) for grouping families for testing and certification. Always work with your certification body when you are grouping your families for testing.
- [Time to Certification](#) visually shows the process to qualify a luminaire and also provides estimates for lifetime testing to help industry understand the entire timeline.



These documents – and more! – can all be found at [www.energystar.gov/lightingresources](http://www.energystar.gov/lightingresources). Are we missing something that might be helpful? Let us know! And be sure to visit the Frequently Asked Questions page at [www.energystar.gov/lightingfaqs](http://www.energystar.gov/lightingfaqs).

For questions regarding testing and certification, always contact your certification body.

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## ENERGY STAR on the Road!

The ENERGY STAR lighting team continues to be available to lighting manufacturers and industry partners to answer questions, share program updates and promote ENERGY STAR lighting!

If you are attending Strategies in Light, make sure to stop by or schedule time with the ENERGY STAR team. We'd love to see you!

**Strategies in Light:** Visit booth 519 February 12 – 14<sup>th</sup> at the Santa Clara convention center, in Santa Clara, CA. The ENERGY STAR team will be available to answer questions about becoming an ENERGY STAR partner, provide information on how to certify products and answer marketing and technical questions. We look forward to seeing you at the ENERGY STAR booth!

Please contact [Tanya Hernandez](#) at ICF International (or 919-294-9004) for Strategies in Light exhibit passes.

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## Lighting Pattern Book

The New York State Energy Research and Development Authority (NYSERDA) has recently contracted with the Lighting Research Center to update *The Lighting Pattern Book for Homes*, first published in 1993, and to move it to a web-based, interactive tool called "Lighting E-Patterns for Homes". This pattern book has been used by homeowners, builders and contractors to achieve high quality, energy efficient lighting, and to provide information on lighting design options. The update will include information on 35 architectural spaces commonly found in New York, with information including re-lamping, re-wiring, and remodeling alternatives. The site will also include guides on lighting technologies and techniques.

Some planned upgrades include:

- Ensuring that lighting patterns are relevant to geographic regions outside New York
- Addition of multimedia elements
- Lighting design customization scoping study
- Ability to be able to produce point of sale brochures, information for builders, etc.
- Search fields and a Google search button
- Multiple-room summary for users.

For more information on this project or how to provide support, contact [Ryan Moore](#) at NYSERDA or 518-862-1090 x3287.

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## Specification Update

Attendees at the ENERGY STAR Products Partner Meeting heard a lot of information about lighting specifications while in St Paul! For those of you who couldn't make it, here's what you need to know!

The Lamps specification development continues! A big **THANK YOU** to all who submitted comments for Draft 2. Many comments were received. EPA welcomes and appreciates all comments received. The specification development process is systematic and engages a wide variety of industry stakeholders, and because it takes time to give these comments the consideration warranted, specification development timelines can be drawn out.

Work continues at a very active pace and Lamps Draft 3 should be released towards the **end of 2012/early 2013**. Ensure contact information is up-to-date for you and your colleagues via your MESA account so you are sure to receive the next specification announcement.

Dimming is a priority, and partners gathered in St. Paul for a discussion on dimming requirements prior to the start of the Partner Meeting. Ongoing engagement is happening to ensure that any related requirement achieves what it needed. Dimming draft test methods and requirements may be released in advance of Lamps Draft 3 for stakeholder input. For more information, contact [lamps@energystar.gov](mailto:lamps@energystar.gov).

Luminaires partners learned that minor specification revisions are underway. Luminaires V1.2 will be released soon with anticipated changes including:

- Reducing the minimum light output levels of specific luminaire types
- Removing the 70 lm/W requirement slated to go into effect in September 2013
- Clarifying items that are causing confusion \*(e.g. inseparable SSL requirements)

This revision should be complete by the end of 2012. For more information on these changes, visit [www.energystar.gov/luminaires](http://www.energystar.gov/luminaires).

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## EPA Clarifies Policy on Brand Owners

On September 28th, 2012, EPA released [Directive #2012-02](#), ENERGY STAR Brand Owner Policy, to certification bodies (CBs). This directive clarifies who can qualify products for the ENERGY STAR label.

The ENERGY STAR products program is designed to aid consumers in identifying and selecting the most efficient products in each category. For lighting, this also includes performance metrics to ensure that products perform as consumers expect them to. The lists of certified products are available on the ENERGY STAR website for consumers to check for ENERGY STAR products.

For this reason, only products that are intended for sale in the US and/or Canadian markets are listed on the ENERGY STAR website. In particular, ENERGY STAR product certification must be associated with an ENERGY STAR partner in good standing, who the CB has confirmed to be the brand owner or licensee. Original equipment manufacturers or others may certify products on behalf of brand owner/licensee with permission; however the certification must be associated with the brand owner or licensee. Note that partnership is not available for OEMs or others that do not own or license consumer facing brands.

For more information and to read this directive, please visit [www.energystar.gov/3rdpartycert](http://www.energystar.gov/3rdpartycert).

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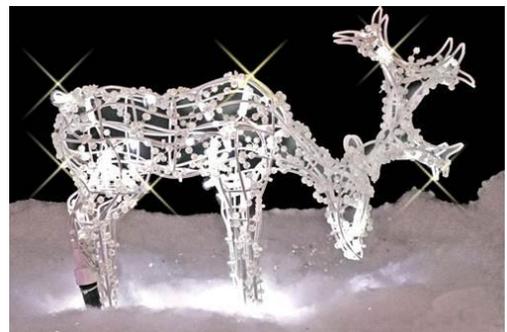
## The Winter Holidays and ENERGY STAR Decorative Light Strings

With the holiday season approaching, colorful lights will be appearing on houses and trees (inside and out!) and on decorative forms in millions of homes. Keep your energy bills low by selecting decorative light strings that carry the ENERGY STAR!

Did you know that a decorative light string that has earned the ENERGY STAR uses about 65 percent less energy than an incandescent light string? And light strings with LED lights can use up to 90% less energy!

Similar to other lighting products, ENERGY STAR decorative light strings also meet performance metrics such as:

- lasting up to 10 times longer than traditional incandescent strands
- are cool to the touch, reducing the risk of fire
- do not have moving parts, filaments or glass, so they are much more durable and shock-resistant
- available in a variety of colors, shapes and lengths
- a three-year warranty, meaning fewer light string replacements
- independent testing to meet strict lifetime and electrical requirements
- dimming or color shifting on some models



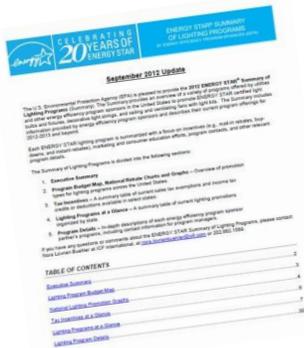
And products labeled for outdoor use are subjected to weathering tests.

Look for lighting with the ENERGY STAR this season (and all year round!) to make sure you are getting the most efficient quality lighting products in the market. For more information on decorative light strings, go to [www.energystar.gov/dls](http://www.energystar.gov/dls).

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## Achieve Savings by Choosing ENERGY STAR



A tip for lighting retailers and manufacturers! The [2012 Summary of Lighting Programs](#) is a great resource for utility program information. Many programs are in their planning stages and are working with retailers and manufacturers to set programs for 2013. If you didn't get to meet with all of your key contacts at the ENERGY STAR Partner Meeting, contact information is included in this document.

This document lists ENERGY STAR programs nationwide! Go to [www.energystar.gov/dime](http://www.energystar.gov/dime) or the lighting resources page listed previously in this newsletter for the most recent copy.

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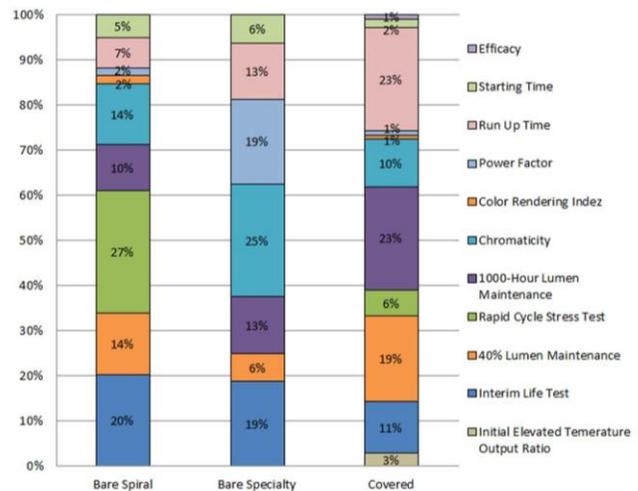
## 2012 Verification Testing Results

Verification testing results for lighting to date:

- **Light Fixtures**
  - 84% passing
- **Light bulbs**
  - 60% passing

Confidence in the ENERGY STAR label is critical to the success of the program. When consumers purchase labeled products, they need to meet expectations. EPA continues to closely monitor the performance of ENERGY STAR lighting products. In 2012, 56 light fixtures and 254 CFLs were procured at retail and tested. Consistent with EPA's Disqualification Procedures failing products were removed from ENERGY STAR qualified product lists and manufacturers are required to implement corrective measures. The Agency is actively tracking trends associated with products failures and suppliers.

CFL Failures by Test and Model Type



EPA is working towards a comprehensive approach to ensuring compliance with product specifications after the product is introduced into the marketplace. EPA recognizes an unavoidable lag time between market and manufacturing responses, and EPA's more rigorous compliance responses to failed products. Overall, however, a comprehensive and heightened compliance effort is expected to yield improved product performance going forward. **Read more about this process at [www.energystar.gov/integrity](http://www.energystar.gov/integrity).**

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For more information, visit: [www.energystar.gov](http://www.energystar.gov) or [email us!](#)  
Are there topics you'd like to see in the next lighting newsletter?  
Contact [Taylor Jantz-Sell](#) and let her know!