Lighting for Tomorrow
2012 Competition Awards
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Dear Readers,

*Lighting for Tomorrow* presents the winners of the 2012 Solid-State Lighting (SSL) Residential Lighting Products Design Competition. This year’s Competition features energy efficient LED lighting fixtures, screw-in replacement lamps, fixture retrofit kits, and lighting controls.

Since 2002, the *Lighting for Tomorrow* competition has recognized the best of the new energy-efficient residential lighting products and especially those with consumer appeal whose installation and use are helping to transform the market for efficient lighting. We’ve learned that consumers will respond to products which are not only energy efficient, but which also provide the appearance and quality of light appropriate for the application. As a result, the market for both fluorescent and solid-state luminaires has grown substantially and there is now an expanding range of luminaires available for every type of home, room and application.

Moving on from fluorescent light sources, *Lighting for Tomorrow* opened the competition to light emitting diode (LED) technology in 2006 with a focus on four specific niche applications. Those winning products successfully integrated the new white-light LEDs that delivered high quality, white light with application efficiency comparable to standard lighting technologies. Over time the SSL competition has expanded and in 2012 it was open to a variety of LED fixture types, as well as screw-in lamps designed to replace familiar types of household bulbs and for the first time, retrofit kits – products specifically designed to upgrade the performance of existing fixtures without sacrificing appearance, functionality or lighting quality.

*Lighting for Tomorrow* continues to look for ways to eliminate the other market barriers that slow the adoption and use of energy-efficient residential lighting products. A significant barrier, according to manufacturers, energy organizations and consumers themselves, is the compatibility of fluorescent and LED-powered fixtures with various kinds of lighting controls. In response, *Lighting for Tomorrow* included lighting controls beginning with the 2010 competition and with the thought that, increasingly, residential lighting energy savings will depend upon a systems approach. Tomorrow’s savings must involve not only the lamp and luminaire, but also the way that the luminaire is powered and operated.

The LED luminaires, LED retrofit kits, LED replacement lamps, and compatible lighting controls highlighted in this brochure were carefully evaluated and scored by a diverse panel of expert judges based on their performance, quality and design. Some products were judged clear winners since they exceeded the criteria and scored higher than other products in their respective categories. Others were recognized as honorable mentions because they incorporated fresh ideas or promising attributes. For more information regarding the judges and evaluation criteria, please see pages 8 and 9.

Overall, the Organizers are pleased to see that the quality of the entries improved again this year. In particular, the LED products featured in this brochure represent increasing value for the residential consumer even though it is still early in the SSL market development process and we don’t yet have long-term experience with white LEDs in general illumination applications. In addition, there are significant challenges with evaluating decorative LED luminaires with current test methods. Please see page 9 and 24 for more details.

We hope you enjoy the products showcased in this brochure and we look forward to supporting the continued development of energy efficient lighting.

Sincerely,

*The Lighting for Tomorrow* Organizers
**Organizers**

**American Lighting Association**
The American Lighting Association (ALA) is the only trade association representing residential lighting manufacturers, showrooms, distributors, manufacturer representatives, component manufacturers and industry-related companies. ALA members, totaling more than 1,200 in the United States, Canada and the Caribbean, are dedicated to providing the public with quality residential lighting.

www.americanlightingassoc.com

**Consortium for Energy Efficiency**
CEE is an award-winning consortium of efficiency program administrators from the United States and Canada that unifies program approaches across jurisdictions to increase impact in fragmented markets. By joining forces at CEE, individual electric and gas efficiency programs are able to partner not only with each other, but also with other industries, trade associations, and government agencies. Working together, administrators leverage the effect of their ratepayer funding, exchange information on successful practices and, by doing so, achieve greater energy efficiency for the public good.

www.cee1.org

**UL, LLC**
UL is a global independent safety science company offering expertise across five key strategic businesses: Product Safety, Environment, Life & Health, Knowledge Services and Verification Services. UL has tested and certified lighting products in the global marketplace for over one hundred years. UL provides testing and certification services to industry standards including UL, ANSI, IEC, NEMA, FCC, and IESNA. Additionally, UL is a leading provider of Photometric Performance and EMC testing in support of well-known lighting programs such as ENERGY STAR®, Lighting Facts, and Design Lights Consortium.

www.ul.com
Sponsors

Lighting for Tomorrow would like to thank the following sponsors, who generously supported the competition by providing funding or in-kind contributions in 2012.
Sponsors

Across the United States and Canada, energy efficiency programs like the organizations listed provide resources for retailers, builders, and consumers who are interested in making energy efficient lighting choices. These organizations have a mission to help their customers save energy. Some offer educational seminars or training; others offer monetary incentives such as rebates.

If you are interested in learning more, start with your local electric utility or efficiency program provider. Call their customer service or energy efficiency department to ask if they offer educational assistance or incentives for the installation of ENERGY STAR® qualified lighting, such as the award winning Lighting for Tomorrow fixtures highlighted in this publication.

Other sources of information include the ENERGY STAR Web site at www.energystar.gov, where a list of incentives by ZIP code is available. The Consortium for Energy Efficiency also compiles a “Residential Lighting Program Overview,” which provides a list of energy efficiency program offerings for residential lighting. This summary is available at www.CEE1.org.
2012 Competition Timeline and Judging Criteria

Competition Timeline

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intent-to-submit forms due</td>
<td>See <a href="http://www.lightingfortomorrow.com">www.lightingfortomorrow.com</a> April 20, 2012</td>
</tr>
<tr>
<td>All entries due</td>
<td>See <a href="http://www.lightingfortomorrow.com">www.lightingfortomorrow.com</a> May 18, 2012</td>
</tr>
<tr>
<td>Winners notified</td>
<td>Via phone and email June 2012</td>
</tr>
</tbody>
</table>

Judging Criteria

The judging panel evaluates entries based on 6 main criteria:

1. **Color Appearance**
   - Is the color temperature appropriate for the residential application?
   - Will consumers find it acceptable?
   - Does the color change when viewed from different angles?

2. **Color Rendering**
   - Do colors "look right" under the light source?
   - How does it compare to incandescent/fluorescent references?

3. **Appropriate Illuminance**
   - Is the quantity of light acceptable for the application?
   - Is the light distributed appropriately for the task?
   - Is there glare at typical viewing angles?

4. **Application Efficiency**
   - Does the fixture deliver the appropriate light levels for the intended task using less wattage than traditional sources?

5. **Value**
   - Do you think the product provides good value for money?
   - Does the performance and materials appear to be commensurate with the price range?
   - Is it likely to meet established price points?

6. **Aesthetic Appearance and Style**
   - How does the product look? (when off, when on)
   - Are the materials used compatible with residential use?
   - Is the luminaire both attractive and functional?

*The panel also has the option to award bonus points for entries exhibiting other desirable characteristic such as innovation, dimmability, sustainability, and for outdoor luminaires, being dark-sky friendly.*
Judging Panel and Evaluation Process

Judging Panel
The 2012 Lighting for Tomorrow judging panel consisted of 7 judges drawn from various areas of the residential lighting community. The judging panel included a diverse cross-section of experts in lighting technology, lighting sales, energy efficiency, lighting design, and communications.

The 2012 judges were:

- **Randy Allison**  UL  RTP, NC
- **Tim Beam**  Accuserv  New Albany, IN
- **Brian Friedman**  BC Hydro  Burnaby, BC
- **Keith Graeber**  California Lighting Technology Center  Davis, CA
- **Larry King**  Capital Lighting, Inc.  Columbus, OH
- **Linda Morley**  Dominion Electric Supply Company, Inc.  Arlington, VA
- **Maury Wright**  LEDs Magazine  San Diego, CA

Evaluation Process
The judges participated in a two day judging event held on June 12th and 13th in Durham, North Carolina. The judging event was hosted by the Underwriters Laboratories at their new UL University Knowledge Services facility. The judges viewed over 120 installed products and scored them based on the criteria detailed on page 8. Finalists were identified through reviewing the tallied scores and discussing the unique attributes of the high scoring entries as a group. The overall best products were selected to be winners, while good products with special features were chosen to receive honorable mentions.

The lighting performance of all LED products was verified either by manufacturer-provided photometric reports from an accredited NVLAP laboratory or were tested afterwards by an accredited NVLAP laboratory to verify wattage, light output, color temperature, and color rendering. The goal was to have all recognized product meet the ENERGY STAR Luminaire or Integral LED Lamp Specification requirements, however the organizers experienced significant challenges attempting to determine the performance ratings for certain non-directional, decorative lighting fixtures, because of testing procedure limitations.

The decorative, non-directional luminaires were shipped to an accredited laboratory to conduct LM-82 testing on their light engines. Since these luminaires were carefully designed around an LED light source, it was not always possible to remove the light engine for testing. As a result, several of these products are defined as “inseparable luminaires” by ENERGY STAR with a luminaire efficacy requirement of 70 lumens/watt. Lighting for Tomorrow recognized that these extremely well designed luminaires using high quality, high efficacy LED chips can not meet this luminaire efficacy requirement. So given the stringency of current efficacy requirements, Lighting for Tomorrow has decided to give one of these products special recognition even though it is currently unable to become fully ENERGY STAR qualified. This special recognition is contingent on this product becoming certified to all the other elements in the ENERGY STAR Luminaire Specification. For more information on this testing challenge please see the LED Fixture Special Recognition Section on page 24.
Award Summary

LED WINNERS

Fixtures

- AFX Lighting – Centre Contemporary LED Pendant
- Cooper Lighting – IRiS P3LED
- Hinkley Lighting – ATLANTIS
- Tech Lighting – Unilume LED Undercabinet

Retrofit Kit

- OSRAM SYLVANIA – ULTRA RT6 Gimbal

Replacement Lamps

- Lighting Science Group – Definity PAR30 Short neck Bulb
- Lighting Science Group – Definity BR30 Bulb
Award Summary

LED HONORABLE MENTIONS

Fixtures

• Cielux, a division of DiCon Lighting – Flex LED Desk Lamp

• Evolution Lighting – LED Six Light Fully Programmable
  Fixed Track

• Evolution Lighting – Contractor Series PAR30 Equivalent
  LED Linear Track

• Good Earth Lighting – LED Puck Kit

• Juno Lighting Group – Generation 3 LED Downlight

• Lithonia Lighting – UCLD LED Cabinet Light

• LittleFootprint Lighting – HeronLED Personal Task Light

• MaxLite – LED Round Pendant

• Prism Co., Ltd – Prism LED Desk Lamp

Retrofit Kit

• Lighting Science Group – Glimpse

LED FIXTURE SPECIAL RECOGNITION

• Hart Lighting — WaveForm Chandelier

LIGHTING CONTROL INNOVATIVE CONCEPT

• Legrand – adorne Event Controller
LED Fixture Winners

Winner: CENTRE CONTEMPORARY LED PENDANT
Manufacturer: AFX LIGHTING

Offered in single, double and triple pendant options, the Centre LED Pendant Series from AFX Lighting takes innovation to new - and adjustable- heights!

This contemporary design features an incredibly smooth and perfectly counter-balanced pulley system for setting the fixture at variable heights. Once installed the hanging height can be adjusted, with just a touch, from 20" to as much as 72" from the mounting surface. It also features a polished satin nickel finish and a choice of 3 glass styles, including cylindrical, conical or parabolic. The result: generous design flexibility to complement virtually any decor.

The series design excellence is matched by its performance. Each pendant is powered by a replaceable 7 watt GU10 based light engine which produces 470 lumens at a color temperature of 2700k, and is rated for 35,000 hours. All models are fully dimmable with a standard two-wire dimmer switch. The unique optical lens provides effective downlight, as well as uniform illumination of the glass, achieving the best possible combination of performance and aesthetics.

Luminaire Measurements:

- Wattage: 5.9 watts
- Light Output: 284 lumens
- Luminaire Efficacy: 48 lm/W
- CCT: 2657 K
- CRI: 82
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: 31633
- ENERGY STAR® qualification in process

Model Number:
CNPP140027SNWH for the mono-point pendant.

Dimensions:
The length is adjustable between 20" and 72", the parabolic shaped glass diffuser is 7" x 6" tall and the ceiling canopy measures 7” x 2’ deep

Availability:
Fall 2012

Contact Information:
David Shore, Marketing Communications Manager
AFX Lighting
2345 N. Ernie Krueger Circle
Waukegan, IL 60087
(847) 249-5970
www.afxlighting.com
Hinkley Lighting’s ATLANTIS outdoor wall sconce offers a minimalist design for the ultimate in urban sophistication. Constructed of machine extruded solid aluminum and featuring two 4.5w LEDs, ATLANTIS has a dual light source. Committed to environmentally friendly lighting, Hinkley designed this collection as Dark Sky compliant to minimize light glare, providing a chic solution to eco-conscious homeowners.

Luminaire Measurements:

- Wattage: 11.1 watts
- Light Output: 286 lumens
- Luminaire Efficacy: 25.7 lm/W
- CCT: 3064 K
- CRI: 83
- Test Laboratory: Intertek
- Report Number: 100741144CRT-001
- Doesn’t meet ENERGY STAR® efficacy requirements

Model Number:
1648TT-LED2

Dimensions:

- Width: 6”
- Height: 16”
- Extension: 3.5”
- Top to Outlet: 13 ¾”
- Back Plate: 4.5”W, 4.5”H

Availability:
Available at fine lighting showrooms nationwide. Call 1.800.HINKLEY or visit http://www.hinkleylighting.com

Contact Information:
Hinkley Lighting, Inc.
33000 Pin Oak Parkway
Avon Lake, OH 44012
(800)-HINKLEY
www.hinkleylighting.com
The IRiS P3LED luminaire is designed for prestigious residential and commercial properties where high efficiency, long life, energy savings and excellent light control are demanded. Offering low aperture brightness, the 3 1/2-inch aperture LED recessed series features an LED optic available in 10-, 15-, 25- and 40-degree beam distributions that can be easily interchanged. The optic features a highly reflective, multi-layer coating, which maintains color accuracy and output over the life. An integral glare shield accepts theatrical filters and/or diffusers for added creativity. The P3LED allows for 365-degree rotation and 45-degree tilt for exact aiming and can be dimmed down to 10 percent. The P3LED luminaire accepts IRiS’ 3-inch optical elements (trims) available in a variety of finishes, offering downlight, accent, wall wash and lens/shower-rated solutions. The energy-efficient luminaire is designed to last 50,000 hours, eliminating the need for frequent lamp replacement.

IRiS products truly showcase the architectural detail, the functional space, the interior design, the artwork or whatever feature is important to the homeowner.
Tech Lighting is proud to introduce Unilume LED undercabinet, the latest innovation in LED undercabinet lighting. Utilizing tightly clustered blue pump LEDs, a 98% reflective mixing chamber and a remote phosphor lens, the result is consistent illumination with ultra high efficiency – all in a housing that is less than ¾ of an inch deep. By utilizing remote phosphor, we are able to eliminate any hot spots either while looking directly at the product or on a reflective surface below. We are also able to get rid of the distracting multiple shadows that result from traditional LED Undercabinet lights due to multiple point sources of light. Also, the beam distribution is extremely wide decreasing the number of fixtures that are needed to illuminate a space. Unilume is available in 2700K and 3000K and 80+ or 90+ CRI. An integrated LED driver makes installation easy and allows smooth dimming down to 15% using a standard incandescent or ELV dimmer.

**Luminaire Measurements:**
- Wattage: 10.5 watts
- Light Output: 645 lumens
- Luminaire Efficacy: 61.4 lm/W
- CCT: 3074 K
- CRI: 80
- Test Laboratory: Independent Testing Laboratories, Inc.
- Report Number: ITL71513 and ITL71516
- ENERGY STAR® qualification in process

**Model Number:**
700UCF [13, 18][8, 9][2,3][B,W]-LED

**Dimensions:**
700UCF13 is 13.2” L x 2.8” W x .74” H
700UCF19 is 19.2” L x 2.8” W x .74” H

**Availability:**
Currently Available

**Contact Information:**
Tech Lighting
Tiscia Eicher
Vice President of Marketing
Generation Brands
847-626-6062
teicher@generation-brands.com
www.techlighting.com
LED Retrofit Kit Winner

Winner: ULTRA RT6 Gimbal
Manufacturer: OSRAM SYLVANIA

The SYLVANIA ULTRA RT6 Gimbal is a six-inch LED recessed downlight kit creating high performing white light and is optimized for new construction and retrofit applications. Installation is done quickly and easily in most standard six-inch Insulated Ceiling (IC), Non-IC, and Airtight (AT) housings. The adjustable gimbal features a smooth travel from nadir to a 35° tilt, making it suitable for slanted ceilings and wall washing. The gimbal's friction blade design allows the downlight to be installed in any position within the housing aperture (360°).

The SYLVANIA ULTRA RT6 Gimbal provides excellent color rendering (82+ CRI), is dimmable down to 20% and is available in a selection of color temperatures (2700K & 3000K).

Luminaire Measurements:
- Wattage: 14.8 watts
- Light Output: 975.3 lumens
- Luminaire Efficacy: 65.9 lm/W
- CCT: 3029 K
- CRI: 84.4
- Test Laboratory: Intertek
- Report Number: 100627600CRT-003A
- ENERGY STAR® qualified

Model Number:
70706: LED/900/RT6/G/827/FL80/WRFL/WTR
70705: LED/900/RT6/G/830/FL80/WRFL/WTR

Dimensions:
Height: 4.244 inches (107.8mm)
Width: 7.283 inches (185mm)

Availability: July 2012

Contact Information:
Xiaolu Li – Product Manager
Direct Line: 978-750-2314
OSRAM SYLVANIA
100 Endicott Street
Danvers, MA 01923
(978) 777-1900
www.sylvania.com
LED Replacement Lamp Winners

Winner: Definity PAR30 Short neck Bulb
Manufacturer: Lighting Science Group

Lighting Science Definity® PAR 30 Short neck bulb is commercially available in the US and Canada. This new, energy-efficient LED lamp is designed for use in the home and commercial applications as a replacement lamp to higher wattage incandescent and halogen light sources that are usually found in track fixtures or recessed ceiling cans. The unique design that Lighting Science has developed allows for multiple beam patterns to fit most applications, as well as being available in four color temperature variations, 2700K, 3000K, 4000K and 5000K. With Definity lamps, there are no sacrifices made; consumers receive bright, environmentally friendly, energy efficient light from bulbs with a longer life span in an affordable package.

Luminaire Measurements:
- Wattage: 12.4 watts
- Light Output: 732.6 lumens
- Luminaire Efficacy: 59 lm/W
- CCT: 3041 K
- CRI: 86.1
- Test Laboratory: TUV SUD America Inc.
- Report Number: J1201579-101-LM79
- ENERGY STAR® qualification in process

Model Numbers:
- DFN 30SN NW NFL 120
- DFN 30SN WW NFL 120
- DFN 30SN W27 NFL 120
- DFN 30SN CW NFL 120
- DFN 30SN NW FL 120
- DFN 30SN WW FL 120
- DFN 30SN W27 FL 120
- DFN 30SN CW FL 120
- DFN 30SN NW NSP 120
- DFN 30SN WW NSP 120
- DFN 30SN W27 NSP 120
- DFN 30SN CW NSP 120

Dimensions:
Maximum overall length = 3.5”

Availability: Currently Available

Contact Information:
Lighting Science Group
1227 South Patrick Drive #2A
Satellite Beach, FL 32937
(321) 779-5520
www.lsgc.com
LED Replacement Lamp Winners

Winner: Definity BR30 Bulb
Manufacturer: Lighting Science Group

Lighting Science Definity® BR30 bulb is commercially available in the US and Canada. This new, energy-efficient LED bulb is designed for use in the home and commercial applications as a replacement bulb to higher wattage incandescent light sources that are usually found in recessed ceiling cans. Lighting Science went to great measures to ensure that this BR30 design mimic that of traditional incandescent BR30 type products, so that when installed, it looks and performs like products customers are currently used to purchasing. It offers a smooth flood beam pattern for room filling light, and is available in 2700K, 3000K, 4000K and 5000K color temperature.

Luminaire Measurements:
- Wattage: 13.64 watts
- Light Output: 826.7 lumens
- Luminaire Efficacy: 60.6 lm/W
- CCT: 2736 K
- CRI: 80.7
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: 26532
- ENERGY STAR® qualification in process

Model Number:
DFN BR30 NW 120  DFN BR30 WW 120
DFN BR30 W27 120  DFN BR30 CW 120

Dimensions:
Maximum overall dimensions = 5.6”

Availability: Currently available

Contact Information:
Lighting Science Group
1227 South Patrick Drive #2A
Satellite Beach, FL 32937
(321) 779-5520
www.lsgc.com
The contemporary styled 24-inch LED Flat Panel Pendant features a high lumens output and an integral driver, enabling a low profile of less than three inches. Compatible with building controls, motion sensors, timers and daylight harvesting systems for additional energy savings, the 45-watt Pendant, available in 3500K and 5000K CCTs, is constructed with proprietary-binned LEDs with a micro-surface optic incorporated diffuser that reduces glare and offers consistent shadowless light for 50,000 hours. These easily installed fixtures can be hung from ceilings with three strands of adjustable length aircraft-grade cables creating a seamless ceiling canopy; surface mounted fixtures are also available.

Luminaire Measurements:
- Wattage: 37.5 watts
- Light Output: 3294 lumens
- Luminaire Efficacy: 87.9 lm/W
- CCT: 2870 K
- CRI: 80
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: 31870
- ENERGY STAR® qualification in process

Model Number / Dimensions:
MLRP24E4527CH
23.63” x 60”

Availability: In stock 6/1/12, first sold 7/1/12

Contact Information:
MaxLite
12 York Avenue
West Caldwell, NJ 07006
(973) 244-7300
www.maxlite.com

Flex is a reinvention of the traditional desk lamp, making advanced lighting technology more accessible. Cielux’s designers created a modern, streamlined structure with a smooth, rounded touch-sensitive base and a flexible arm to enhance the technological advances of this one of a kind LED desk lamp. The Flex is the only desk lamp in its class to feature adjustable color temperature (3000K, 4500K and 6000K) and manual dimming capabilities while still maintaining excellent light quality with high CRI. By using DiCon’s patented Dense Matrix LED platform, Flex’s brilliant light features long life and impressive energy efficiency, consuming only 13 watts of energy. Create the perfect lighting for any task - only with the Cielux Flex.

Luminaire Measurements:
- Wattage: 12.3 watts
- Light Output: 344 lumens
- Luminaire Efficacy: 28 lm/W
- CCT: 3259 K
- CRI: 93
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: 31876
- ENERGY STAR® qualification in process

Dimensions:
- Base Width: 6.81”
- Overall Height: 19.29”

Availability: Currently available

Contact Information:
Steve Kelley, CLMR
Sales Manager – Cielux
Cielux, a Division of DiCon Lighting
1689 Regatta Blvd.
Richmond, CA 94804
(510) 620-5118
Orders: cielux@cielux.com
www.cielux.com
Energy saving, environmentally friendly and ergonomically designed for home office, workplace and hospitality environments, the HeronLED™ Personal Task Light shines the right amount of warm, white light just where users need it. Made in the USA from recycled e-waste, the award-winning HeronLED helps users save energy, keep e-waste out of landfills and support green jobs here in America – while reducing electricity bills and adding a touch of style to the desk top.

Luminaire Measurements:
- Wattage: 4 watts
- Light Output: 220 lumens
- Luminaire Efficacy: 55 lm/W
- CCT: 3000 K
- CRI: 82
- Test Laboratory: Intertek
- Report Number: 100621809CRT-001
- ENERGY STAR® Qualified

Model Number / Dimensions:
HERONLED01
Adjustable arm height has 54” range.
Height: 12”-23”
Horizontal reach: 15”-21.5”. Base: 8” x 5.5”

Availability: Available now. Purchase from select retailers, or online at www.lfplighting.com.

Contact Information:
Nancy Wahl-Scheurich, CEO
LittleFootprint Lighting
180 Old Graham Hill Road
Santa Cruz, CA 95060
(831) 401-2007
nancy@lfplighting.com
www.lfplighting.com

LED Honorable Mentions

HeronLED Personal Task Light
Manufacturer: LittleFootprint Lighting

Designer: Engoth
Keeping with Prism’s tradition of minimalist design, TL-8200 brings together the modernistic design and the classic knob control. By the simple twist of the LED lit knob, user can control the light level most suitable for each circumstance also allows the user to customize the personal mood setting from a warmer light setting for a time of relaxation to a daylight setting for a focused working environment. (2700K-6500K) 135˚ vertical pivot of the LED bar with its glare control adjustability perfects the user defined lighting environment. Another award winning design by Prism also enhances any interior settings with its futuristic, yet classic appearance.

Luminaire Measurements:
- Wattage: 9.5 watts
- Light Output: 528 lumens
- Luminaire Efficacy: 55 lm/W
- CCT: 4848 K
- CRI: 83
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: 31874
- ENERGY STAR® qualification in process

Model Number / Dimensions
TL-8200WH
Length: 8.5 inch, Width: 4.25 inch, Height: 22.7 inch, Weight: 4.19 lbs

Availability: Currently available

Contact Information:
Ryan Kim
Business Development Manager
Prism International
15022 Puyallup St, Suite 103
Sumner, WA 98390
(253) 826-7636
www.prismgeneration.com
Classic commercial design in white finish with polished aluminum trim and reflector combined with a high-powered LED. This fixture includes a fully adjustable Omni-Directional track head ideally suited for residential and commercial applications. The linear head includes full-range continuous dimming from 100% to 0% to create soft ambient lighting and a full range of mood settings. The energy saving design, lumen output and 90+ Color Rendering includes a high-powered LED with over 50K lifetime hours. These features make this an ideal choice for retailers, commercial installers and the home owner who wants long-life, dependability and accurate color correction. This energy saving design meets all Energy Star® efficiency standards.

**Luminaire Measurements:**
- **Wattage:** 12.7 watts
- **Light Output:** 570 lumens
- **Luminaire Efficacy:** 44.8 lm/W
- **CCT:** 3019 K
- **CRI:** 90.8
- **Test Laboratory:** Bay Area Compliance Laboratories
- **Report Number:** PSZ120718002-10
- **ENERGY STAR® qualification in process**

**Dimensions:**
- **Length:** 7.25”
- **Width:** 4.5”
- **Height:** 8.0”

**Availability:** Fall 2013

**Contact Information:**
Evolution Lighting, LLC
16200 NW 59th Avenue, Suite 101
Miami Lakes, FL 33014
(305) 558-4777
www.evolutionlightingllc.com

This unique patent pending fixture combines a distinctive transitional design in a rich antique brass finish with the most up-to-date innovation in LED technology and features. The fixture includes six fully adjustable Omni-Directional track heads that address a multitude of end-user needs for both residential and commercial applications. Each track head includes full-range continuous dimming from 100% to 0% to create soft ambient lighting and a full range of mood settings. Individual track heads may be turned on and off or dimmed to a desired setting through a user-friendly remote interface. The remote system also features a programmable memory to set and save your desired lighting effects! This energy saving design meets all Energy Star® efficiency standards.

**Luminaire Measurements:**
- **Wattage:** 39.6 watts
- **Light Output:** 2045 lumens
- **Luminaire Efficacy:** 51.6 lm/W
- **CCT:** 3033 K
- **CRI:** 93
- **Test Laboratory:** Bay Area Compliance Laboratories
- **Report Number:** PSZ120718005-10
- **ENERGY STAR® qualification in process**

**Dimensions:**
- **Length:** 68.5”
- **Width:** 5.5”
- **Height:** 11.25”

**Availability:** Fall 2013

**Contact Information:**
Evolution Lighting, LLC
16200 NW 59th Avenue, Suite 101
Miami Lakes, FL 33014
(305) 558-4777
www.evolutionlightingllc.com
Introducing the new linkABL™ LED Cabinet Light with integral driver, swivel head and linkable functionality – a product that is both versatile and easy to install. The integral driver eliminates the need for an external power source, allowing for direct-wire or plug-in capability, while the inclusion of a dimmable swivel head allows you to direct light exactly where and how you want it. In addition, the light was designed with linkable functionality – allowing plug-and-play connectivity of up to 29 units with 13” connector cords. It illuminates a warm 2700 or 3000K CCT and has a 50,000 hour L70 rated life. The LED Cabinet Light is available in white, bronze or brushed nickel and includes a 5 year warranty. It is ENERGY STAR® & Title 24 qualified and CUL listed to US and Canadian safety standards. The LED Cabinet light is the latest addition to Lithonia’s linkABL™ Under Cabinet family, which includes Xenon and Fluorescent Undercabinet products.

**Luminaire Measurements:** For UCLD 12
- Wattage: 5.2 watts
- Light Output: 226 lumens
- Luminaire Efficacy: 43 lm/W
- CCT: 2981K
- CRI: 83
- Test Laboratory: Intertek
- Report Number: HK11120881-1(R1)
- ENERGY STAR® Qualified

**Model Number / Dimensions:**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCLD 12 XX</td>
<td>12” (30.5)</td>
<td>3-5/8” (9.2)</td>
<td>1” (2.5)</td>
</tr>
<tr>
<td>UCLD 18 XX</td>
<td>18” (45.7)</td>
<td>3-5/8” (9.2)</td>
<td>1” (2.5)</td>
</tr>
<tr>
<td>UCLD 24 XX</td>
<td>24” (60.9)</td>
<td>3-5/8” (9.2)</td>
<td>1” (2.5)</td>
</tr>
</tbody>
</table>

Note: XX denotes finish WH = White, BZ = Bronze or BN = Brushed Nickel

**Availability:** Currently available

**Contact Information:**
Acuity Brands Lighting, Inc.
One Lithonia Way
Conyers, GA 30012
(800) 748-5070
www.lithonia.com

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Homeowners can have the energy savings associated with LEDs and the flexibility of built-in full range dimming in this new high-brightness LED Puck kit. It allows user to set light levels for task lighting or dim for mood lighting. The plug-in transformer makes it simple to install and the system can be expanded to up to 6 pucks by purchasing the add-on pucks that are available. The 3-Pack LED Puck Kit, under cabinet fixtures from Good Earth Lighting are some of the brightest, well-constructed and easy to use fixtures on the market today. It offers a 36,000 hour life, comes with a 3 year warranty and is ENERGY STAR qualified.

**Luminaire Measurements:**
- Wattage: 9 watts
- Light Output: 355 lumens
- Luminaire Efficacy: 38 lm/W
- CCT: 2992K
- CRI: 84
- Test Laboratory: Intertek
- Report Number: HK11081113-1
- ENERGY STAR® Qualified

**Model Number / Dimensions:**

GLC9163-BAL-1
Cabinet Light Length 2.5”.
Cabinet Light Height (0.56”)

**Availability:** Available March 2012 under the Utilitech Pro brand at Lowe’s Home Improvement.

**Contact Information:**
Alex Kowalenko
Good Earth Lighting
5260 Capitol Drive
Wheeling IL 60090
(847) 808-1133 ext. 204 alex.kowalenko@goodearthlighting.com
www.goodearthlighting.com
The Juno Generation 3 4” IC-Rated LED Downlight series offers ultra-efficient performance in a smaller 4” aperture to provide the designer look that perfectly complements many of today’s upscale residential interiors. Available in new construction and remodel housings, these downlights produce over 600 lumens. The LED light engine features the latest high-lumen output array binned to standards that exceed ENERGY STAR® requirements yielding superior fixture to fixture color uniformity. The reflector and diffusing lens are optimized for the smaller aperture to provide a uniform light distribution with reduced glare. The lens conceals the LED array to produce an aesthetic similar to a deeply regressed PAR20 lamp. The 4” LED housing fits into 2x6 joist spacing and is compatible with existing Juno 4” open and lensed trims. This product is ENERGY STAR® qualified and is certified to meet the high efficacy requirements of California Title 24-2008.

**Luminaire Measurements:**
- Wattage: 10.5 watts
- Light Output: 689 lumens
- Luminaire Efficacy: 66 lm/W
- CCT: 3500 K
- CRI: 83
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: LTL 26325R
- CA Title 24-2008
- ENERGY STAR® Qualified
* ICILED G3-35K-1 with 14W-WH

**Model Number:**
There are several configurations of the IC1LEDG3 series and IC1RLEDG3 series available in 2700K, 3000K, 3500K, and 4100K, and choice of dimmable drivers in dedicated 120V or universal 120-227V.

**Availability:** Currently available

**Contact Information:**
Juno Lighting Group by Schneider Electric
1300 South Wolf Road
Des Plaines, IL 60018
(847) 827-9880
www.junolightinggroup.com

The innovative, low profile form of Glimpse blends seamlessly into its environment to mimic the form of traditional recessed downlights without the associated high energy or maintenance costs, can be found commercially in the US and Canadian markets. Using just a fraction of the material of other LED downlight modules, Glimpse skimps on nothing when it comes to performance. Designed to mirror the form of a recessed downlight in application the Glimpse 6” can be retrofit into 5” or 6” recessed downlights. Unlike any of its competitors, it can be surface mounted to a 4” J-box as a luminaire.

**Luminaire Measurements:**
- Wattage: 14 watts
- Light Output: 768 lumens
- Luminaire Efficacy: 54 lm/W
- CCT: 2730 K
- CRI: 80
- Test Laboratory: CSA International
- Report Number: 30018145-LM79
- ENERGY STAR® Qualified

**Model Number / Dimensions:**
GLP6 WW MTL 120
GLP6 NW MTL 120
GLP6 W27 MTL 120
GLP6 CW MTL 120

Maximum overall depth = 2.31”

**Availability:** Currently available

**Contact Information:**
Lighting Science Group
1227 South Patrick Drive #2A
Satellite Beach, FL 32937
(321) 779-5520
www.lsgc.com
As detailed on page 9, Lighting for Tomorrow has decided to provide special recognition to innovative, decorative fixtures that are presently unable to meet the stringent ENERGY STAR requirements for inseparable luminaires.

An ongoing challenge for Lighting for Tomorrow when evaluating decorative residential lighting is to determine what criteria to use when determining its energy efficiency. The traditional criteria of luminaire efficacy (lumens/watt) is difficult to apply to a lighting fixture which is designed to be “lighting to look at” rather than “lighting to see by”. Such fixtures may have light-absorbing decorative elements that reduce the measured efficacy but, at the same time, make the fixture a design success and desireable from a users point-of-view because it adds just the right design accent to a room. ENERGY STAR classifies residential fixtures only as “directional” or “non-directional” For either classification the assumption is that the fixture is used to provide measureable functional illumination when that may not, in fact, be the case.

Accordingly, for now, Lighting for Tomorrow judges the energy efficiency of decorative fixtures by the rated efficacy of the light source and measures that efficacy if possible using standard LM-79 or LM-82 test procedures. Further, LFT compares, when appropriate, the input watts for LED versions of the fixture with the input watts for the same or similar fixtures using other types of light sources. The objective is always to determine and reward fixtures that attain the intended decorative appearance with the highest efficacy.

The fixture highlighted on the next page provides beautiful light quality and it’s not necessarily appropriate for it to be measured by the LM-79 test procedure. This fixture is not intended to provide a lot of delivered light. While it can’t meet the ENERGY STAR efficacy requirements, it is the best of the best products viewed by the 2012 judging panel and meets all the other ENERGY STAR criteria.
LED Fixture Special Recognition

WaveForm Chandelier
Manufacturer: Hart Lighting

Luminaire Measurements:
- Wattage: 46.2 watts
- Light Output: 651 lumens
- Luminaire Efficacy: 14.1 lm/W
- CCT: 2775 K
- CRI: 81
- Test Laboratory: Luminaire Testing Laboratory, Inc.
- Report Number: 31868
- Doesn’t meet ENERGY STAR® efficacy requirements

Model Number:
1082

Dimensions:
Length 46.4” Height 9.75”
Width 1.75” Stems 48”
Ships with 2 sets of 4”, 8”, 12” and 24” rods for flexible mounting heights

Availability: Currently Available

Contact Information:
Hart Lighting
3333 W. 47th St.
Chicago, IL 60632
Brian Hart (773) 254-0778
www.hartlighting.net

The WaveForm chandelier could only have been realized through the use of LED components. The woven metal diffuser is grazed and accented by elegantly shielded LED’s. The narrow beam enlivens the metalwork, while also offering substantial downlighting. The 18 2.3W LED’s are contained in a nicely styled housing, and each source is shrouded within a honeycomb louver to enhance visual comfort. The WaveForm chandelier features dimming drivers standard.
Lighting Control Innovative Concept

adorne Event Controller
Manufacturer: Legrand

The adorne Whole-House Lighting System provides unrivaled convenience, security, and beauty for both remodel projects and new construction. The ability to easily set lighting scenes such as “Entertain” or “Welcome Home” allows you to create the perfect environment in multiple rooms or the entire house, all at the touch of a single button.

And, with the addition of the Whole-House Mobile Interface Controller, you can program and select lighting scenes from your smartphone, tablet, or PC, as well as from the adorne Wireless Remote Control. You can also schedule lighting events based on time-of-day, such as turning on the exterior lights at sunset.

The adorne collection by Legrand makes life simply beautiful, putting a stylishly smart finishing touch on your home. Turn ordinary into extraordinary with switches, dimmers, under-cabinet lighting, and wireless solutions that bring inspiration to life. It’s time for a beautiful switch.

Model Number / Dimensions:
ADTH700MMTU**
Available in White (W1) or Magnesium (M1)
LC6001
Event Controller

Availability: First Quarter 2013

Contact Information:
Legrand
60 Woodlawn St.
West Hartford, CT 06110
877.295.3472
www.adornemyhome.com