maxLED by MaxLite

WELCOME

WHAT YOU NEED TO KNOW ABOUT ENERGY STAR®

11/19/15 Webinar

TODAY'S TOPICS

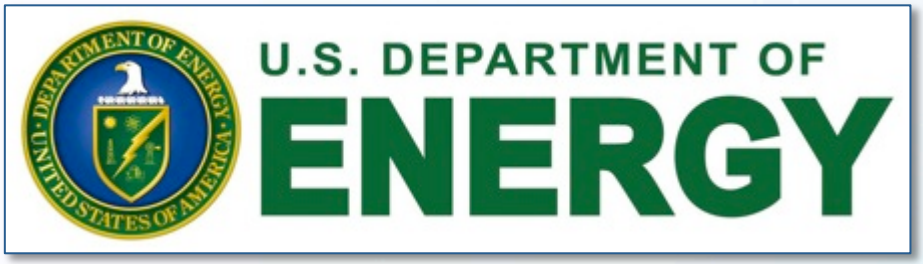
- ENERGY STAR®
- The CSD List – Certified (Lighting) Subcomponent Database
- MaxLite & ENERGY STAR®

ENERGY STAR® HISTORY (PART 1)

- ENERGY STAR is a U.S. Environmental Protection Agency (EPA) voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency. The ENERGY STAR program was established by EPA in 1992, under the authority of the Clean Air Act Section 103(g). The Clean Air Act directs the Administrator to **"conduct a basic engineering research and technology program to develop, evaluate, and demonstrate non–regulatory strategies and technologies for reducing air pollution."**

ENERGY STAR® HISTORY (PART 2)

- In 2005, Congress enacted the Energy Policy act and **"established at the Department of Energy and the Environmental Protection Agency a voluntary program to identify and promote energy–efficient products and buildings in order to reduce energy consumption, improve energy security, and reduce pollution through voluntary labeling of or other forms of communication about products and buildings that meet the highest energy efficiency standards."**



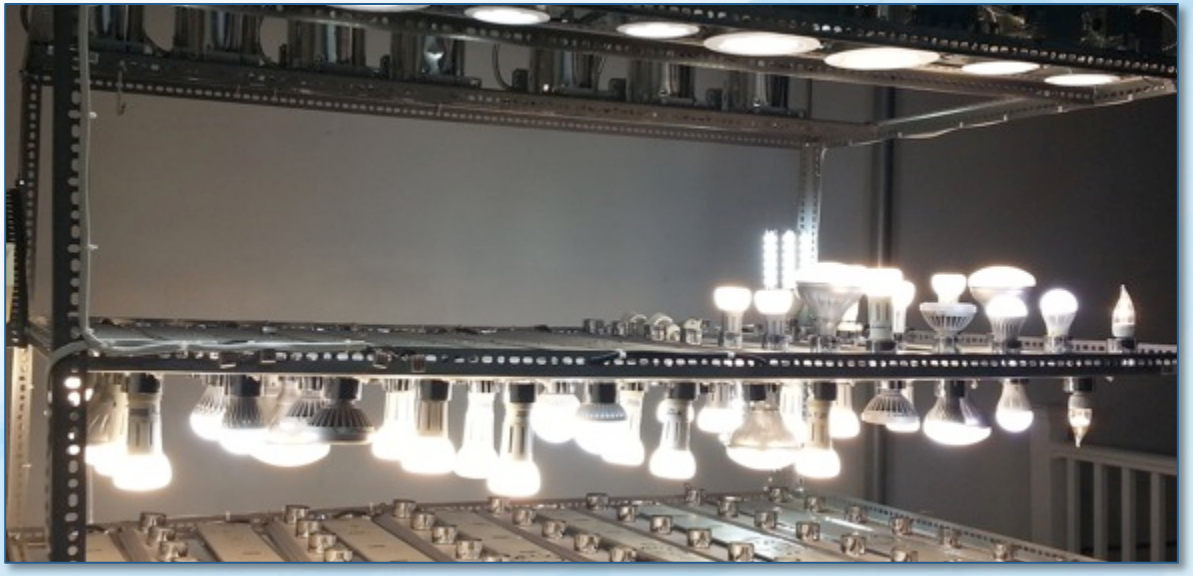
ENERGY STAR® IS PRIMARILY A RESIDENTIAL PROGRAM

- **It's important to note that ENERGY STAR is primarily a residential program. The EPA has no intention of including commercial products (This is where DLC comes in).** The EPA and DLC have general agreements not to share categories (although there are some limited exceptions/overlaps).

ENERGY STAR® INTEGRITY

- To maintain consumer trust and improve the oversight of ENERGY STAR certified products, homes, and commercial facilities, EPA has implemented third–party certification requirements and testing.

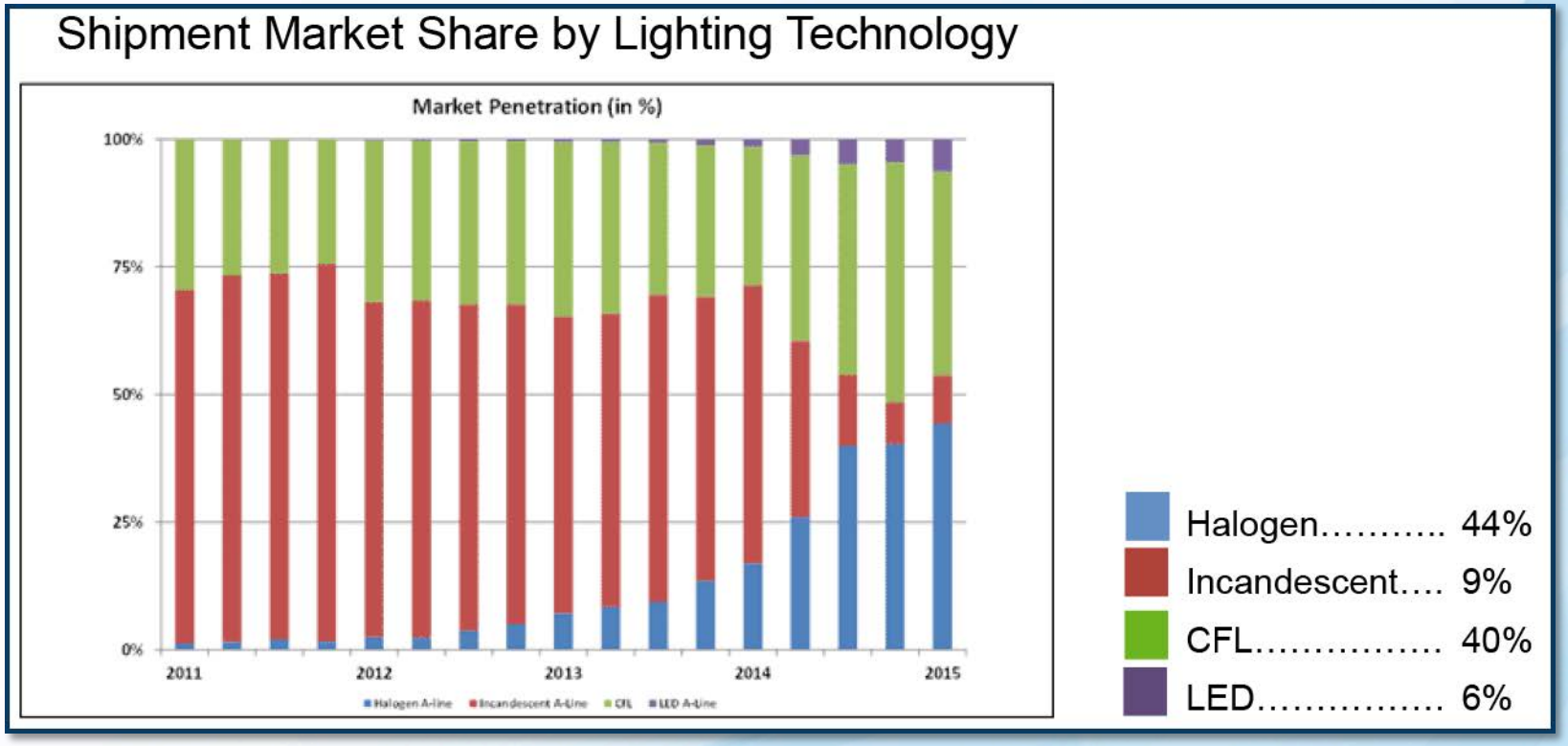
- **For Products:** **In order to earn the label, ENERGY STAR products must be third-party certified based on testing in EPA-recognized laboratories. In addition to up-front testing, a percentage of all ENERGY STAR products are subject to "off–the–shelf" verification testing each year. The goal of this testing is to ensure that changes or variations in the manufacturing process do not undermine a product's qualification with ENERGY STAR requirements.**



ENERGY STAR® PARTNERSHIP & MARKET IMPACT

- A broad range of **16,000 partners** across every sector of the economy drive the ENERGY STAR program's success from manufacturers and trade associations, to retailers and efficiency program providers, to home builders and small businesses. ENERGY STAR has grown to represent products in more than **70 different categories**, with more than **4.8 billion sold since 1992.** **EPA has evolved the ENERGY STAR program to serve as a national platform and a catalyst to deliver real energy efficiency by addressing market barriers.**

INEFFICIENT A-LINE BULBS STILL HOLD MAJORITY



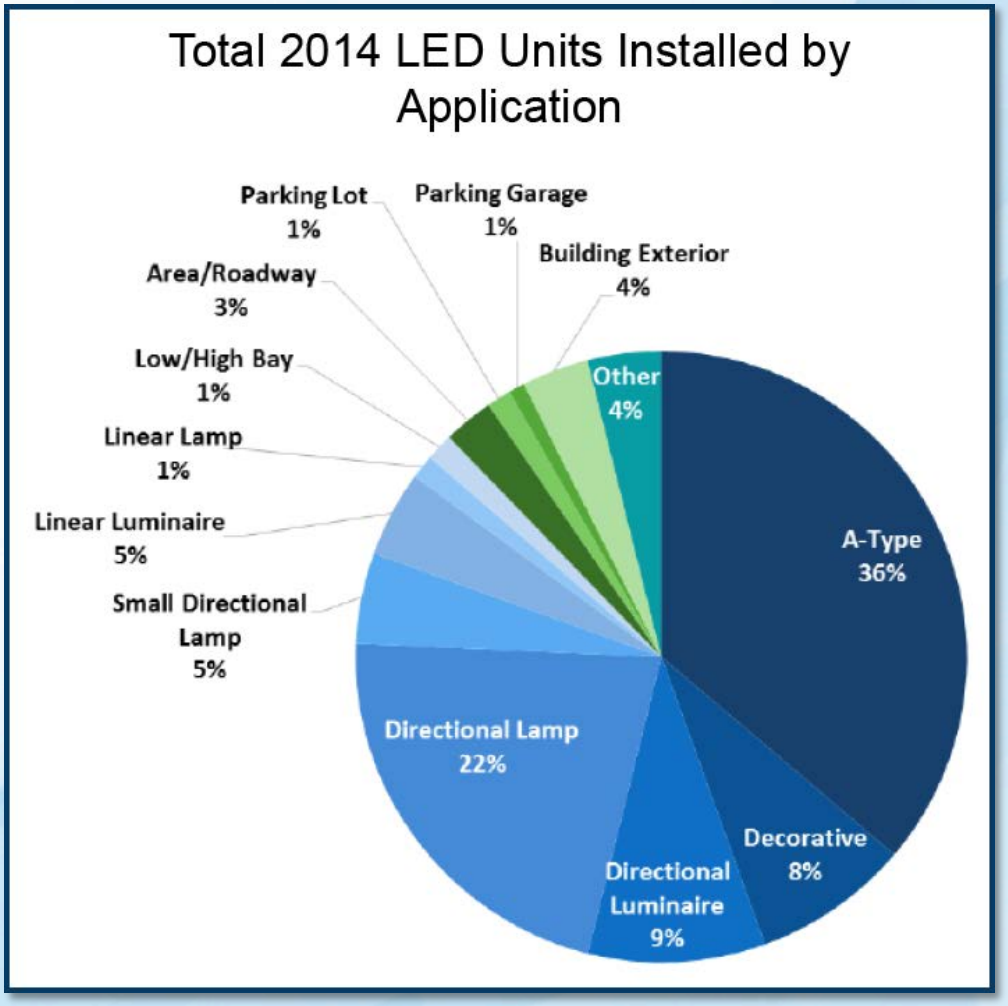
- Despite quarterly decline, halogen A-line still secures top position
- LED A-lines steadily increasing

LED LIGHTING INSTALLATIONS

In 2014 EPA estimates:

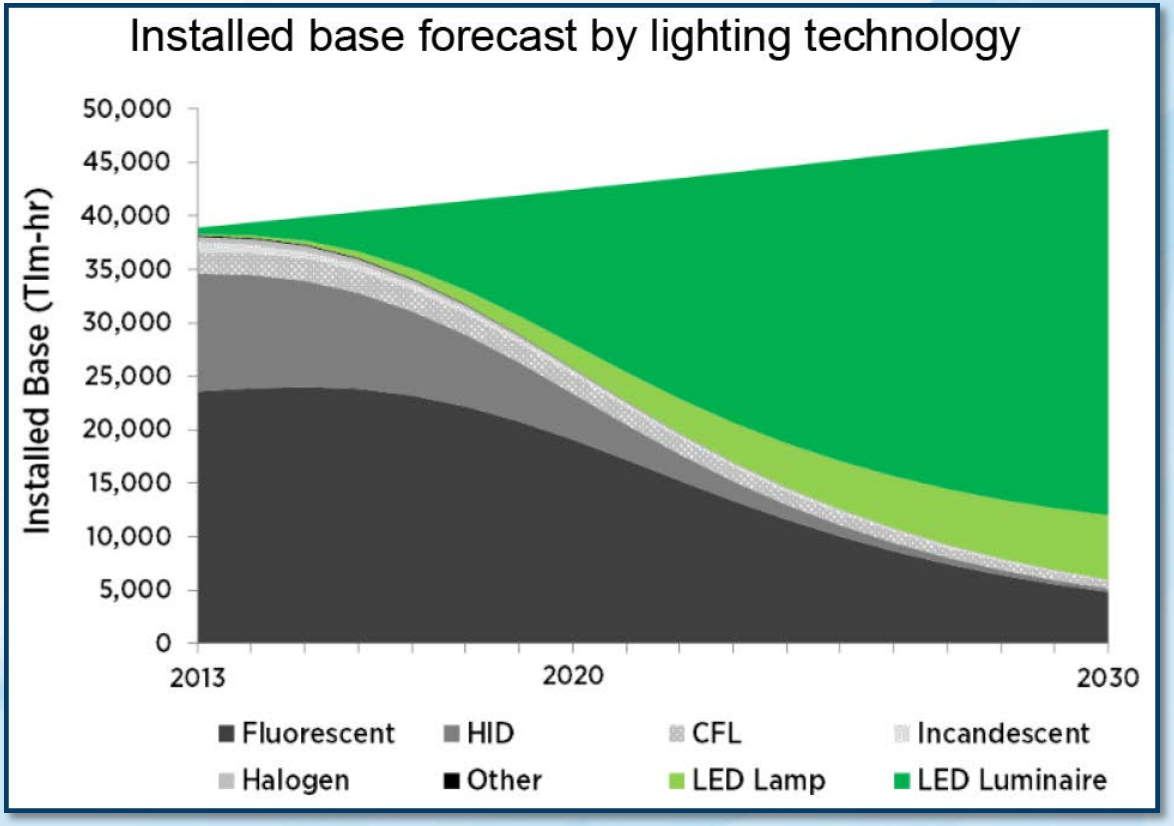
- 15% of light bulbs shipped were ENERGY STAR certified
- 64% of CFLs shipped were ENERGY STAR certified
- 75% of LED bulbs shipped were ENERGY STAR certified

- From 2012 to 2014, the units of LED lighting installed in the U.S. increased four-fold to 215 million



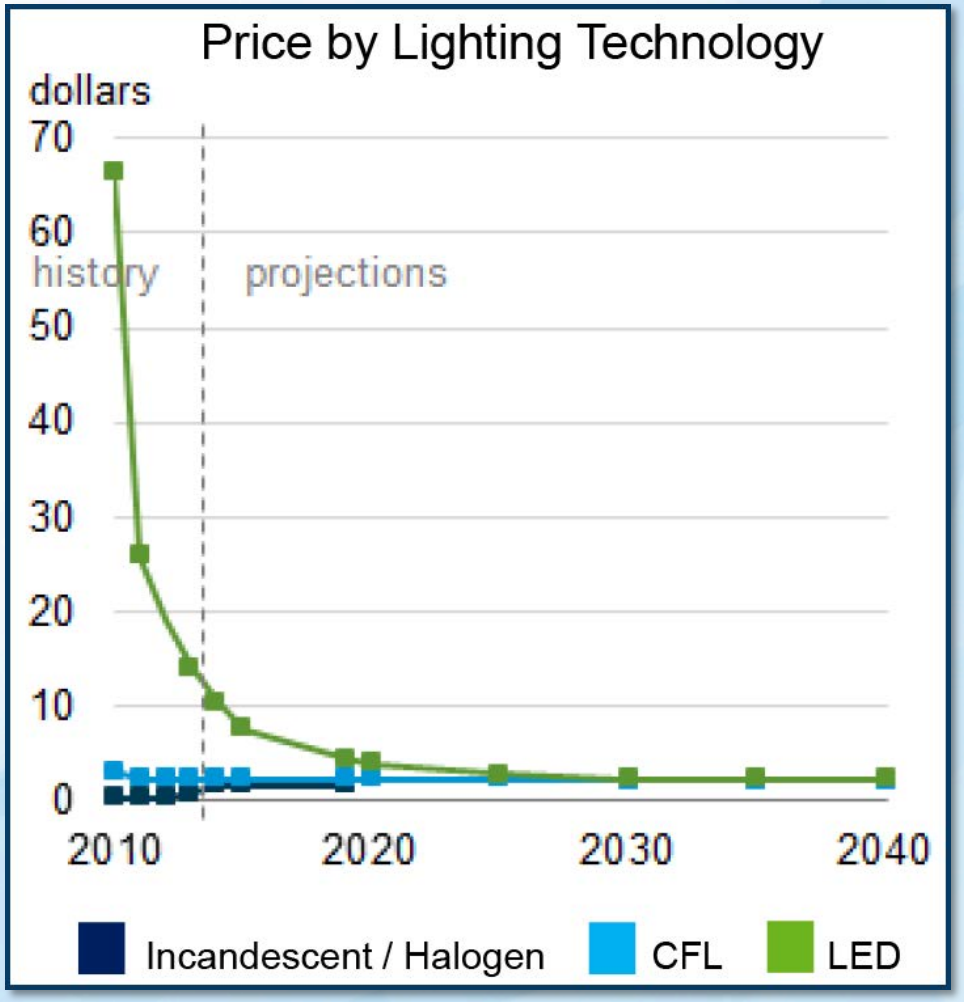
LED LIGHTING FORECASTED TO GROW DRAMATICALLY

- By 2020, LED lighting could account for approximately 40% of installed base (measured in lumen-hours)
- By 2030, LED lighting is forecasted to represent 84% of all lighting sales



LED LIGHTING FORECASTED TO GROW DRAMATICALLY

- LED A-type averages $13/klm by end of 2014, a 50% reduction from $27/klm (klm= kilo lumen)
- Big box retailers A-type close to $11/klm–5x that of halogen ($2/klm) and non-dimmable CFL replacements ($2.50/klm)
- LED lighting market is anticipated to grow 45% per year, from $13.6 billion in 2014 and anticipated to reach $63.1 billion by 2020.



WHY ENERGY STAR MATTERS

- **Independent certification.** Products are certified by accredited third-parties based on testing in labs recognized by EPA.
- **Market surveillance.** Products are subject to random "off-the-shelf" testing every year.
- **Rigorous testing.** Products are tested and evaluated against more than 20 requirements to deliver on consumer expectation.

For example:

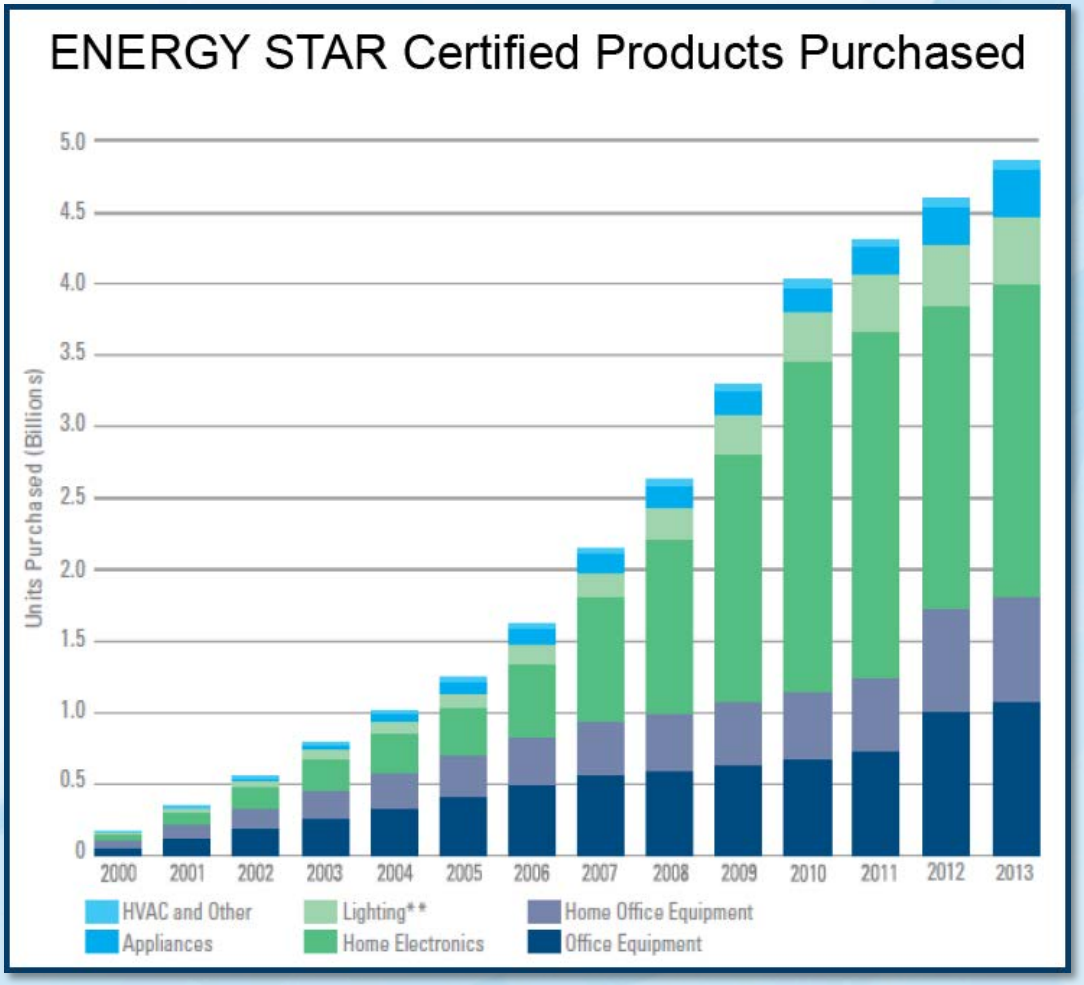
- **Minimum light output requirements** to ensure you get as much light as the package claims for wattage equivalency.
- **Dimmability.** Products indicate whether they are dimmable or not on the front of the package. Those that are, dim to at least 20% & provide info on dimmer compatibility.
- **Light where you want it.** ENERGY STAR LED lighting products must demonstrate that they deliver light the way consumers expect them to. E.g. light in all directions, vs the limited range common with non-certified bulbs.
- **Lasting performance.** LED lighting can fade dramatically, degrade, or turn green if not properly designed. Products that have earned the ENERGY STAR
  - Are subject to 6 different requirements for color, to ensure good light color up front and over time
  - Undergo thousands of hours of testing to support those long life claims of 20+ years.
  - Undergo stress tests in operating environments similar to how you use the product
  - Carry a minimum 3-year warranty.

ENERGY STAR DRIVES SALES

- Nearly 90% of Americans recognize the ENERGY STAR label.
- Of households who purchased an ENERGY STAR certified product, 77%of them reported the label as influential to their purchasing decision.
- 75% of households that knowingly purchased an ENERGY STAR product in 2014 reported they are likely to recommend ENERGY STAR products to friends.

Bottom line:

- More than 4.8 billion products sold in the 20 years since ENERGY STAR's inception.



ENERGY STAR LUMINAIRES SPECIFICATION 2.0

- Luminaires V2.0 Specification was released on **May 29, 2015**.
  - Any luminaire manufactured as of **June 1, 2016** must be certified to V2.0 to bear the ENERGY STAR mark.
  - All certifications to Luminaires V1.x expire on **June 1, 2016**
  - There IS NO GRANDFATHERING
- After **December 1, 2015**, no new products can be certified to to Luminaires V1.2
- Models already certified to V1.0 – V1.2 will maintain their certification status until **June 1, 2016**.
- Point revision (V2.1) upcoming.

Lamps V2.0 Specification (still under development – Est. completion date Jan. 2016, effective Jan. 2017) will allow LED Filament Lamps, Miniature Decorative Lamps, warmer CCTs (2200K, 2500K), connected lamps and more!

BIG NEWS IN ENERGY STAR LUMINAIRES SPECIFICATION 2.0

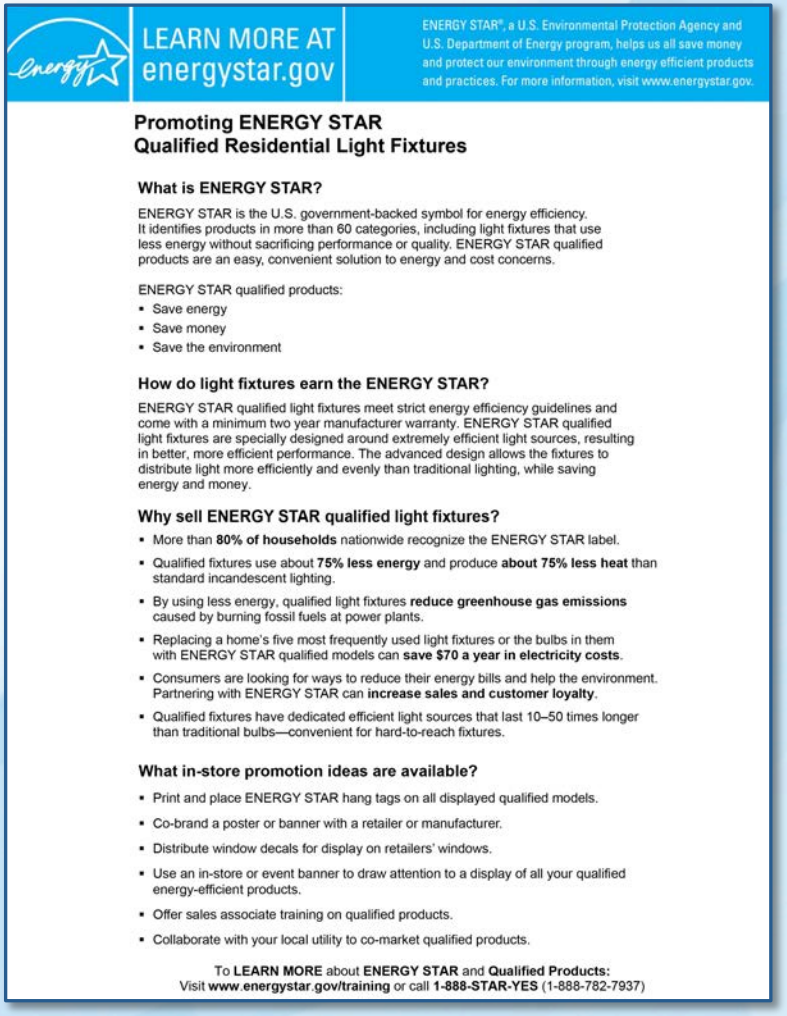
- **ENERGY STAR luminaires program 2.0 introduces an allowance for luminaires to be ES certified by including an E26 base certified lamp in the box with E26-based fixtures.** Before this change, we were limited to GU24 fixtures and lamps. This is allowed immediately and required by June 1, 2016.
- ENERGY STAR luminaires program 2.0 also includes "connected" fixtures for the first time!

Connected Luminaire: A luminaire or retrofit which includes elements or instructions (hardware and software or firmware) required to enable communication in response to consumer-authorized energy or performance related commands and complies with all requirements for connected in the specification. These elements may be resident inside or outside of the base luminaire or retrofit.

ADDITIONAL RESOURCES AT THE ENERGY STAR TRAINING CENTER

- **ENERGYSTAR.GOV has a tremendous amount of training resources available for lighting sales reps and distributors.**

Go to Energystar.gov/training – click on the Lighting category



LEARN MORE AT energystar.gov

ENERGY STAR®, a U.S. Environmental Protection Agency and U.S. Department of Energy program, helps us all save money and protect our environment through energy efficient products and practices. For more information, visit www.energystar.gov.

Promoting ENERGY STAR Qualified Residential Light Fixtures

What is ENERGY STAR?

ENERGY STAR is the U.S. government-backed symbol for energy efficiency. It identifies products in more than 60 categories, including light fixtures that use less energy without sacrificing performance or quality. ENERGY STAR qualified products are an easy, convenient solution to energy and cost concerns.

ENERGY STAR qualified products:

- Save energy
- Save money
- Save the environment

How do light fixtures earn the ENERGY STAR?

ENERGY STAR qualified light fixtures meet strict energy efficiency guidelines and come with a minimum two year manufacturer warranty. ENERGY STAR qualified light fixtures are specially designed around extremely efficient light sources, resulting in better, more efficient performance. The advanced design allows the fixtures to distribute light more efficiently and evenly than traditional lighting, while saving energy and money.

Why sell ENERGY STAR qualified light fixtures?

- More than **80% of households** nationwide recognize the ENERGY STAR label.
- Qualified fixtures use about **75% less energy** and produce **about 75% less heat** than standard incandescent lighting.
- By using less energy, qualified light fixtures **reduce greenhouse gas emissions** caused by burning fossil fuels at power plants.
- Replacing a home's five most frequently used light fixtures or the bulbs in them with ENERGY STAR qualified models can **save $70 a year in electricity costs**.
- Consumers are looking for ways to reduce their energy bills and help the environment. Partnering with ENERGY STAR can **increase sales and customer loyalty**.
- Qualified fixtures have dedicated efficient light sources that last 10–50 times longer than traditional bulbs—convenient for hard-to-reach fixtures.

What in-store promotion ideas are available?

- Print and place ENERGY STAR hang tags on all displayed qualified models.
- Co-brand a poster or banner with a retailer or manufacturer.
- Distribute window decals for display on retailers' windows.
- Use an in-store or event banner to draw attention to a display of all your qualified energy-efficient products.
- Offer sales associate training on qualified products.
- Collaborate with your local utility to co-market qualified products.

To **LEARN MORE** about **ENERGY STAR** and **Qualified Products:**
Visit **www.energystar.gov/training** or call **1-888-STAR-YES** (1-888-782-7937)

THE CERTIFIED LIGHTING SUBCOMPONENT DATABASE (CSD)

- The Certified Subcomponent Database (CSD) supports qualification of ENERGY STAR Luminaires by providing certified performance data for lighting subcomponents
- **The use of the CSD is optional for luminaire partners.** It is intended to streamline the certification process; subcomponents are not required to be listed on the CSD to be employed in an ENERGY STAR certified luminaire.
- The CSD is designed to contain certified performance data for: **lamps, ballasts, fluorescent lamp-ballast platforms, GU24 based self-ballasted compact fluorescent lamps and HID lamps, GU24 based LED lamps, and LED light engines.**
- The CSD is similar in purpose and function to the NEMA/ALA Lamp and Ballast Platform Matrix, but provides certified performance data required for certification of ENERGY STAR luminaires. The CSD can streamline the process of luminaire certification by providing manufacturers' makes, models and certified performance data of subcomponents. Depending on the type of luminaire, the subcomponents listed here may or may not meet the applicable requirements. In most instances, this approach to luminaire certification significantly reduces the luminaire manufacturer's testing burden, such that only limited additional testing is needed at the luminaire level (e.g., in situ temperature measurements and electrical safety testing).
- LED arrays/modules, LED drivers and LED power supplies will not be individually listed in the database, as no industry standard methods of measurement currently exist for measuring the performance of LED drivers.

LISTING SUBCOMPONENTS ON THE CSD: PROCESS

Performance for subcomponents listed on the CSD has been certified to meet relevant requirements for use in ENERGY STAR certified luminaires.

Subcomponents in this database **are not ENERGY STAR certified** as a result of being listed. Subcomponents only certified for purposes of the CSD:

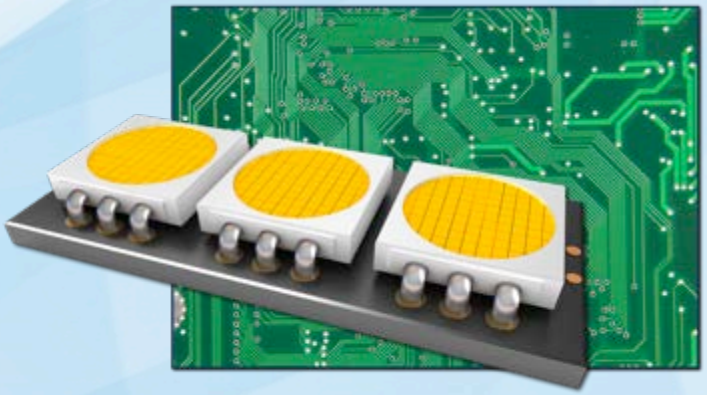
- May not carry any of the Program's certification or promotional marks on the products, on product packaging, or in associated literature either printed or electronic.
- May not be referred to as ENERGY STAR certified, rated, or approved.

Note: GU24-based integrated lamps that are ENERGY STAR certified may appear on both the CSD and the lamps certified product list.

CSD: CERTIFICATION BODIES

- CBs should submit certified product performance data to EPA for listing on the CSD
- CBs must review subcomponent data from the CSD when reviewing a luminaire for certification to determine that it meets the requirements for the specific type of luminaire to be certified.
- **Lifetime Testing:** The luminaires specification allows for initial (conditional) certification of luminaires based on completion of minimum lamp lifetime testing requirements. This provision requires that full lamp lifetime testing be completed, and requirements met, for full certification. In all instances where, subsequent to an initial CSD listing of a lamp or an initial luminaire certification, a certification body (CB) receives lifetime testing results indicating that the product fails to meet rated lifetime (as indicated on product packaging), the CB is required within 2 business days to report this information as a subcomponent (lamp) or luminaire testing failure to enforcement@energystar.gov.
- In order to list a subcomponent on the CSD, the CB shall ensure that all subcomponents listed in the database have met the following luminaire requirements for the specific subcomponent, where applicable:

  - Transient protection testing;
  - Electrical safety as tested by an OSHA NRTL;
  - Electromagnetic and radio frequency interference;
  - Lighting toxics reduction;
  - Labeling language for mercury content; and
  - Warranty



MAXLITE'S CSD LISTED PRODUCTS

- **MaxLite has the most CSD-listed LED products.**

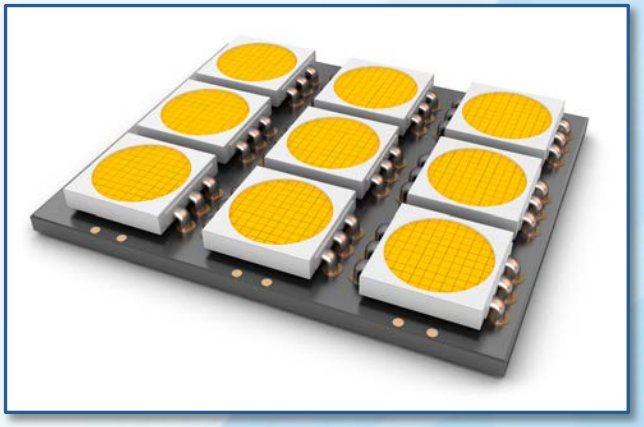
MaxLite has shown a strong commitment to the ENERGY STAR program by continuing to develop the most LED light sources that are certified for the CSD database. MaxLite has the most light sources available to ease manufacturers' processes when trying to develop Certified LED luminaires.

Lamp or Light Engine Manufacturer	Lamp or Light Engine Brand Name	Lamp or Light Engine Model Name	Lamp or Light Engine Model Number	Date CB Notified Manufacturer of Product Certification	Product Type
Maxlite	MaxLED	10A19GUDLED27	10A19GUDLED27	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	10A19GUDLED30	10A19GUDLED30	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	12A19GUDLED27	12A19GUDLED27	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	12A19GUDLED30	12A19GUDLED30	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	17A21GUDLED27	17A21GUDELD27	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	17A21GUDLED30	17A21GUDELD30	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	7A19GUDLED27	7A19GUDLED27	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	7A19GUDLED30	7A19GUDLED30	10/21/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	LEPM03A0927GU	LEPM03A0927GU	1/14/2015	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	LEPM03A0930GU	LEPM03A0930GU	12/5/2014	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	SKBO07GUDLED27	SKBO07GUDLED27	11/14/2013	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	SKBO07GUDLED30	SKBO07GUDLED30	9/12/2013	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	SKBO07GUDLED30	SKBO07GUDLED30	10/2/2013	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	SKBO07GUDLED41	SKBO07GUDLED41	9/12/2013	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	SKBO10GUDLED30	SKBO10GUDLED30	3/11/2013	GU24 Based Integrated LED Lamp
Maxlite	MaxLED	SKRR3009GUDLED27	SKRR3009GUDLED27	11/14/2013	GU24 Based Integrated LED Lamp
Maxlite	MaxLite	RR1530W	RR1530W	4/22/2014	LED Light Engines
Maxlite	MaxLite	RR1540W	RR1540W	4/22/2014	LED Light Engines
Maxlite	MaxLite	RR2630	RR2630	10/25/2013	LED Light Engines
Maxlite	MaxLite	RR2640	RR2640	10/25/2013	LED Light Engines
Maxlite	MaxLite	RR3430	RR3430	10/25/2013	LED Light Engines
Maxlite	MaxLite	RR3440	RR3440		
Maxlite	MaxLite	SKBO10GUDLED27	SKBO10GUDLED27		
Maxlite	MaxLite	SKBO10GUDLED41	SKBO10GUDLED41		

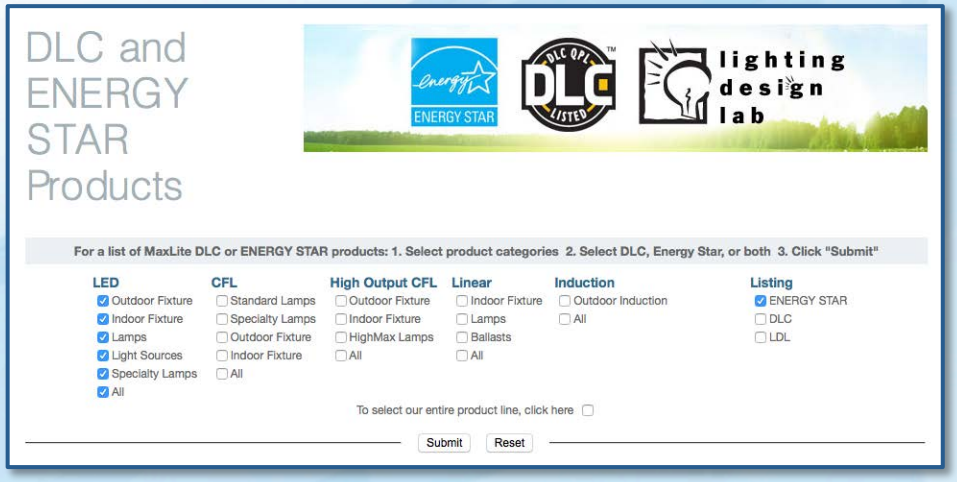
MAXLITE & ENERGY STAR

- **MaxLite's Participation in product spec development efforts.**

  MaxLite continued to assist the Environmental Protection Agency (EPA) in product spec development efforts in a number of ways. This included providing EPA with a "Proposal for AC LED Modules without heat sinks" procedure for inclusion of new AC LED Modules in Luminaire Certification efforts. Additionally, MaxLite attended and participated in the working session during the 2014 ENERGY STAR Partner Meeting in helping to develop Luminaires version 2.0 specifications.



- To search for MaxLite's ENERGY STAR certified products visit: http://www.maxlite.com/dlc-energy-star-products



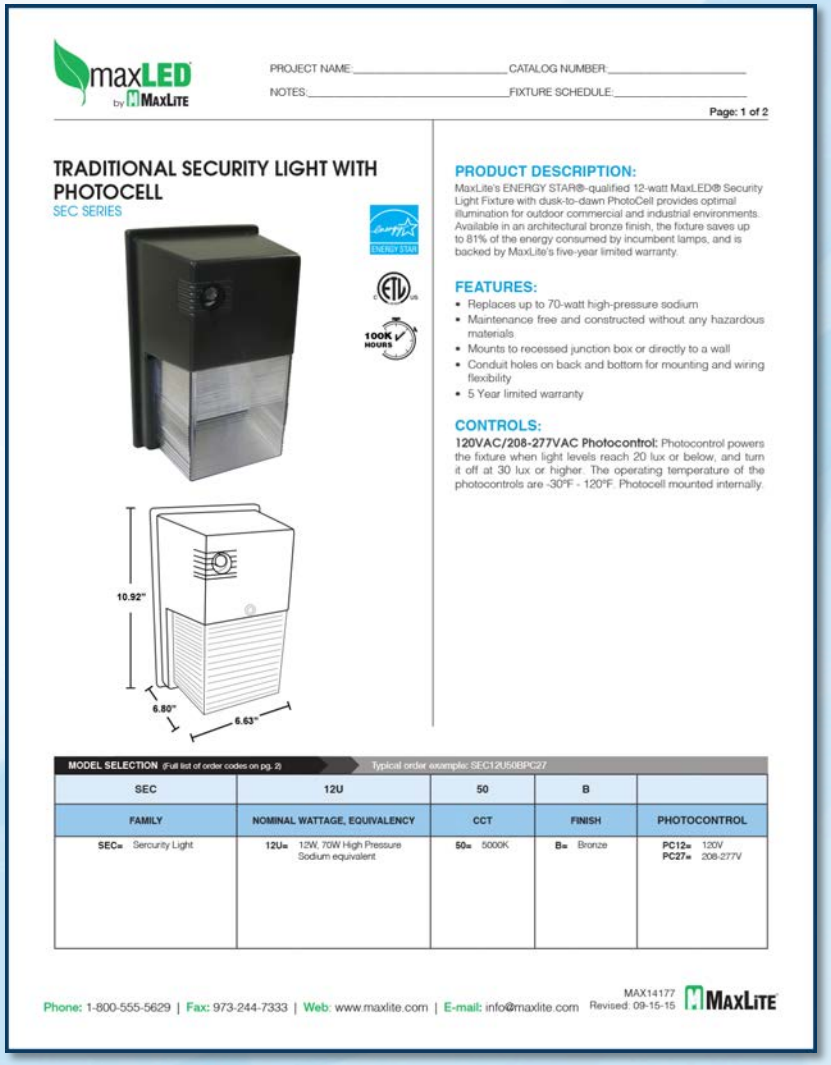
MAXLITE: ENERGY STAR PARTNER OF THE YEAR

- **The U.S. Environmental Protection Agency (EPA) has recognized MaxLite with a 2015 ENERGY STAR Partner of the Year Award** for its leadership in reducing greenhouse gas emissions by manufacturing energy-efficient products and educating consumers about energy efficiency. MaxLite's accomplishments were recognized at the ENERGY STAR Partner of the Year Awards ceremony in Washington, D.C. on April 20, 2015.

- MaxLite received the ENERGY STAR Partner of the Year Award for the third time. **The company was first honored in 2009, and again in 2014, for its leadership in manufacturing products that earn the ENERGY STAR, the government-backed symbol of energy efficiency.** MaxLite offers a portfolio of more than 200 ENERGY STAR certified indoor and outdoor lamps and luminaires.

TRADITONAL LED SECURITY LIGHT WITH PHOTOCELL

- MaxLite's ENERGY STAR®-certified 12-watt MaxLED® Traditional Security Light Fixture with dusk-to-dawn PhotoCell provides optimal illumination for outdoor commercial and industrial environments. Available in an architectural bronze finish, the fixtures are backed by MaxLite's five-year limited warranty.



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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

Page: 1 of 2

TRADITIONAL SECURITY LIGHT WITH PHOTOCELL

SEC SERIES

10.92"

6.80"

6.63"

PRODUCT DESCRIPTION:

MaxLite's ENERGY STAR®-qualified 12-watt MaxLED® Security Light Fixture with dusk-to-dawn PhotoCell provides optimal illumination for outdoor commercial and industrial environments. Available in an architectural bronze finish, the fixture saves up to 81% of the energy consumed by incumbent lamps, and is backed by MaxLite's five-year limited warranty.

FEATURES:

- Replaces up to 70-watt high-pressure sodium
- Maintenance free and constructed without any hazardous materials
- Mounts to recessed junction box or directly to a wall
- Conduit holes on back and bottom for mounting and wiring flexibility
- 5 Year limited warranty

CONTROLS:

120VAC/208-277VAC Photocontrol: Photocontrol powers the fixture when light levels reach 20 lux or below, and turn it off at 30 lux or higher. The operating temperature of the photocontrols are -30°F - 120°F. Photocell mounted internally.

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: SEC12U50BPC27

SEC	12U	50	B	
FAMILY	NOMINAL WATTAGE, EQUIVALENCY	CCT	FINISH	PHOTOCONTROL
SEC= Sercurity Light	12U= 12W, 70W High Pressure Sodium equivalent	50= 5000K	B= Bronze	PC12= 120V PC27= 208-277V

Phone: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com

MAX14177 Revised: 09-15-15 MaxLite

LED FAUX CAN

- ENERGY STAR-certified LED Faux Cans accomplish the task of recessed downlighting without the time and expense of working with drywall. They are mountable to a four-inch junction box, allowing installers to achieve downlighting without the use of a bulky can, or labor associated with cutting open the ceiling. An optional mounting bracket allows existing recessed cans to be retrofitted with the faux can, for an easy upgrade to more energy-efficient lighting. LED Faux Cans feature driverless technology that increases performance and reliability over the fixture's lifetime.

  Equivalent to a 75-watt Par 30 halogen lamp, LED Faux Cans offer vivid color rendering with a 90-plus CRI standard. The fixtures are wet-listed, making them suitable for virtually any indoor application that calls for downlighting.

maxLED by MAXLITE

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

Page: 1 of 3

LED FAUX CAN

LFC Series

1.25" 5.9" 4"

1.25" 7.4" 6"

PRODUCT DESCRIPTION:

LED Faux Cans accomplish the task of recessed downlighting without requiring installers to use a recessed can. Faux Cans are mountable to a 4-inch junction box. An optional mounting bracket allows existing recessed cans to be retrofitted with the faux can, for an easy upgrade to LED lighting.

Featuring driverless technology that increases performance and reliability, LED Faux Cans are equivalent up to 75W PAR 30 halogen lamp and offer vivid color rendering. They are wet-listed, making them suitable for virtually any application that requires downlighting.

FEATURES:

- Mounts to a 4" junction boxes – Achieve Recessed Down lighting without using a bulky can
- Vivid Color Rendering – 90+ CRI standard
- Optional Mounting Bracket allows Recessed Cans to be retrofitted with the LED Faux Can
- No Driver – Key point of failure in LED systems is completely eliminated
- CSA Wet Listed – Install it virtually anywhere
- Dimmable with many Triac controls (visit website for complete list)
- Energy Star / T24 Compliant

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: LFC41327W

LFC		27	W
FAMILY	SIZE & WATTAGE (NOMINAL)	CCT	COLOR
LFC= LED Faux Can	413= 4 inches and 13W, replaces 50W Halogen 615= 6 inches and 15W, replaces 75W Halogen	27= 2700K	W= White

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
74006	LFC4-BRACKET	LED Faux Can Bracket for 4" Recessed Fixtures	
74005	LFC6-BRACKET	LED Faux Can Bracket for 6" Recessed Fixtures	

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	CTCL-153PD
Lutron	LGCL-153PL
Lutron	DVELV-300P
Smart Home	2876D

MAKE	DIMMER MODEL
Leviton	IPL06
Leviton	SureSlide
Leviton	IPL10

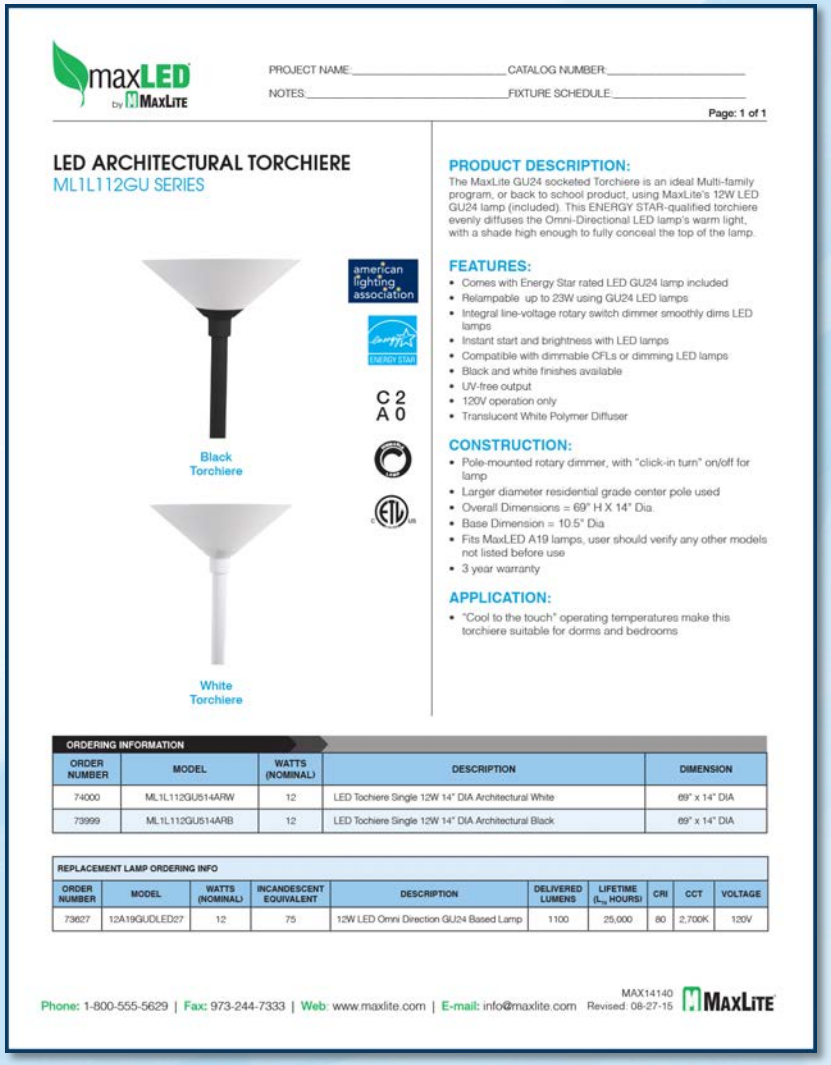
Phone: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com

MAX14138 Revised: 05-14-15 MAXLITE

LED ARCHITECTURAL TORCHIERE

- A contemporary classic, MaxLite's ENERGY STAR-certified LED Torchiere evenly diffuses warm, inviting light with a shade high enough to conceal the top of the lamp. The torchiere's cool-to-the-touch operating temperatures make it suitable floor lighting for dorm rooms, bedrooms and family spaces.

  Available in black or white finish, the dimmable torchiere includes MaxLite's ENERGY STAR-rated 12W LED GU24 lamp. The fixture is relampable up to 23W using LED GU24 lamps.



maxLED by MaxLite

PROJECT NAME: _____ CATALOG NUMBER: _____

NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 1

LED ARCHITECTURAL TORCHIERE

ML1L112GU SERIES

Black Torchiere

White Torchiere

PRODUCT DESCRIPTION:

The MaxLite GU24 socketed Torchiere is an ideal Multi-family program, or back to school product, using MaxLite's 12W LED GU24 lamp (included). This ENERGY STAR-qualified torchiere evenly diffuses the Omni-Directional LED lamp's warm light, with a shade high enough to fully conceal the top of the lamp.

FEATURES:

- Comes with Energy Star rated LED GU24 lamp included
- Relampable up to 23W using GU24 LED lamps
- Integral line-voltage rotary switch dimmer smoothly dims LED lamps
- Instant start and brightness with LED lamps
- Compatible with dimmable CFLs or dimming LED lamps
- Black and white finishes available
- UV-free output
- 120V operation only
- Translucent White Polymer Diffuser

CONSTRUCTION:

- Pole-mounted rotary dimmer, with "click-in turn" on/off for lamp
- Larger diameter residential grade center pole used
- Overall Dimensions = 69" H X 14" Dia
- Base Dimension = 10.5" Dia
- Fits MaxLED A19 lamps, user should verify any other models not listed before use
- 3 year warranty

APPLICATION:

- "Cool to the touch" operating temperatures make this torchiere suitable for dorms and bedrooms

ORDERING INFORMATION

ORDER NUMBER	MODEL	WATTS (NOMINAL)	DESCRIPTION	DIMENSION
74000	ML1L112GU514ARW	12	LED Tochiere Single 12W 14" DIA Architectural White	69" x 14" DIA
73999	ML1L112GU514ARB	12	LED Tochiere Single 12W 14" DIA Architectural Black	69" x 14" DIA

REPLACEMENT LAMP ORDERING INFO

ORDER NUMBER	MODEL	WATTS (NOMINAL)	INCANDESCENT EQUIVALENT	DESCRIPTION	DELIVERED LUMENS	LIFETIME (L_{70} HOURS)	CRI	CCT	VOLTAGE
73627	12A19GUDLED27	12	75	12W LED Omni Direction GU24 Based Lamp	1100	25,000	80	2,700K	120V

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MAX14140 Revised: 08-27-15 MaxLite

LED FLUSH MOUNT CEILING FIXTURES

- Available in several classic designs, LED Flush Mount Ceiling Fixtures are the attractive, energy-efficient choice for corridor and accent lighting in residential and hospitality applications such as hallways, bedrooms, kitchens, utility rooms and closets.

The collection's traditional, contemporary and architectural styles are offered with brushed nickel or oil-rubbed bronze trim encircling a variety of glass diffuser types. LED Flush Mounts are available in small (11-inch), medium (13-15-inch) and large (16-17-inch) diameters. The dimmable fixtures are rated for use in damp locations such as bathrooms and laundry areas.

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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

LED FLUSH MOUNT CEILING FIXTURES

TRORB

CBNIP

ABNI

FEATURES

- Wide variety of finishes and styles available
- Multiple wattages available
- Can operate on many commercially available dimming controls
- Above 80 CRI Std.

CONSTRUCTION

- Using "Driver On Board" Technology, no typical LED power supply is needed
- Uses LM-80 qualified diodes offering greater than 35,000 hours to L70
- Ceiling pans are cold rolled steel or aluminum
- Finishes are plated nickel brushed after fab or 3 step painted

CONTROL

- Fixtures can be controlled with standard on/off wall switches
- Fixtures can be controlled by commercially available ELV dimmers
- Dimming from 100-10%
- Dedicated 120v, 60Hz operation

PRODUCT DESCRIPTION:

MaxLite's LED Flush Mount Ceiling Fixtures feature "Driverless" DOB technology for improved reliability. Available in traditional, alabaster, pearl, alabaster nickel, oil rubbed bronze, and brushed nickel trim styles. These LED Flush Mount Ceiling Fixtures are ideal for corridor and accent lighting in homes, hotels, motels and property management applications

DIMMER CONTROLS		
Lutron	Skylark C-L	CTL-153P
Lutron	Diva CL	DVCL 153P
Lutron	Lumea	LGCL-153P
Leviton	Illumatech	IPI06-1LZ

ORDERING:

ORDER CODE	MODEL	WATTS	DESCRIPTION	DIMENSIONS (D" X H")	SOURCE LUMEN (Nominal	LIFE (L_{70}	CCT
74601	ML2LA11SABNI827	11	11W x 11" Architectural Brushed Nickel	11.75 x 3.5	800	35,000	2,700K
74589	ML2LA11STRORB827	11	11W x 11" Traditional Oil Rub Bronze	11.4 x 6.0			
74595	ML2LA11SCBNIP827	11	11W x 11" Contemp. Brushed Nickel Acrylic	11.0 x 6.0			
74591	ML2LA15MTRORB827	15	15W x 13" Traditional Oil Rub Bronze	13.25 x 6.0	1,000		
74597	ML2LA15MCBNIP827	15	15W x 13" Contemp. Brushed Nickel Acrylic	14.5 x 4.0			
74603	ML2LA15MABNI827	15	15W x 15" Architectural Brushed Nickel	14.6 x 4.0			
74593	ML2LA15LTRORB827	15	15W x 15" Traditional Oil Rub Bronze	15.4 x 6.0			
74599	ML2LA15LCBNIP827	15	15W x 17" Contemp. Brushed Nickel Acrylic	17.0 x 4.2			
74604	ML2LA15LABNI827	15	15W x 17" Architectural Brushed Nickel	17.0 x 4.2			

Lighting layouts and spacing criteria available upon request
Please contact your MaxLite representative to order products that don't have order codes listed here.

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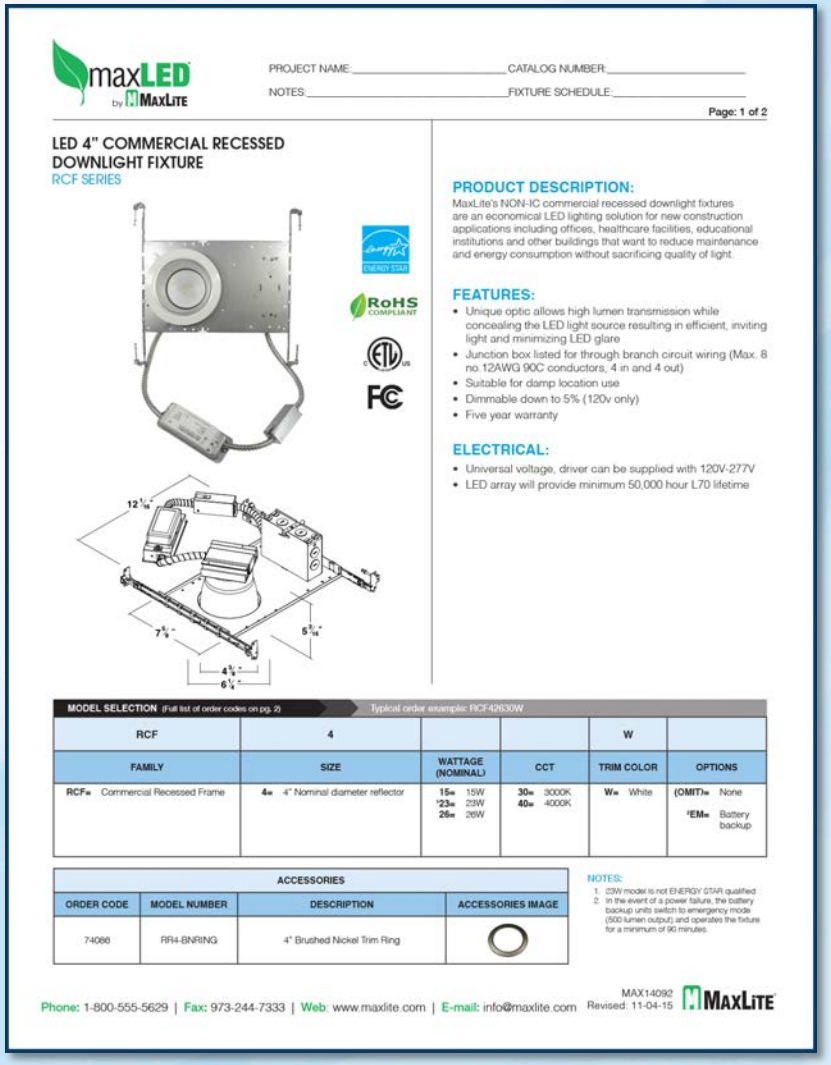
MAX14073 Revised: 08-25-15 MaxLite

LED COMMERCIAL RECESSED DOWNLIGHT FIXTURES

- Offered in a variety of aperture sizes, color temperatures and wattages, MaxLite's ENERGY STAR-certified LED Commercial Recessed Downlights are an easy-to-install, high-performance lighting solution.

NON-IC commercial downlight recessed fixtures are an economical LED lighting solution for new construction applications including offices, healthcare facilities, educational institutions and other buildings that want to reduce maintenance and energy consumption without sacrificing quality of light.



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PROJECT NAME: _____ CATALOG NUMBER: _____

NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 2

LED 4" COMMERCIAL RECESSED DOWNLIGHT FIXTURE

RCF SERIES

PRODUCT DESCRIPTION:

MaxLite's NON-IC commercial recessed downlight fixtures are an economical LED lighting solution for new construction applications including offices, healthcare facilities, educational institutions and other buildings that want to reduce maintenance and energy consumption without sacrificing quality of light.

FEATURES:

- Unique optic allows high lumen transmission while concealing the LED light source resulting in efficient, inviting light and minimizing LED glare
- Junction box listed for through branch circuit wiring (Max. 8 no.12AWG 90C conductors; 4 in and 4 out)
- Suitable for damp location use
- Dimmable down to 5% (120v only)
- Five year warranty

ELECTRICAL:

- Universal voltage, driver can be supplied with 120V-277V
- LED array will provide minimum 50,000 hour L70 lifetime

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: RCF42630W

RCF	4			W	
FAMILY	SIZE	WATTAGE (NOMINAL)	CCT	TRIM COLOR	OPTIONS
RCF= Commercial Recessed Frame	4= 4" Nominal diameter reflector	15= 15W *23= 23W 26= 26W	30= 3000K 40= 4000K	W= White	(OMIT)= None *EM= Battery backup

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
74086	RR4-BNRING	4" Brushed Nickel Trim Ring	

NOTES:
1. 23W model is not ENERGY STAR qualified
2. In the event of a power failure, the battery backup units switch to emergency mode (500 lumen output) and operates the fixture for a minimum of 90 minutes.

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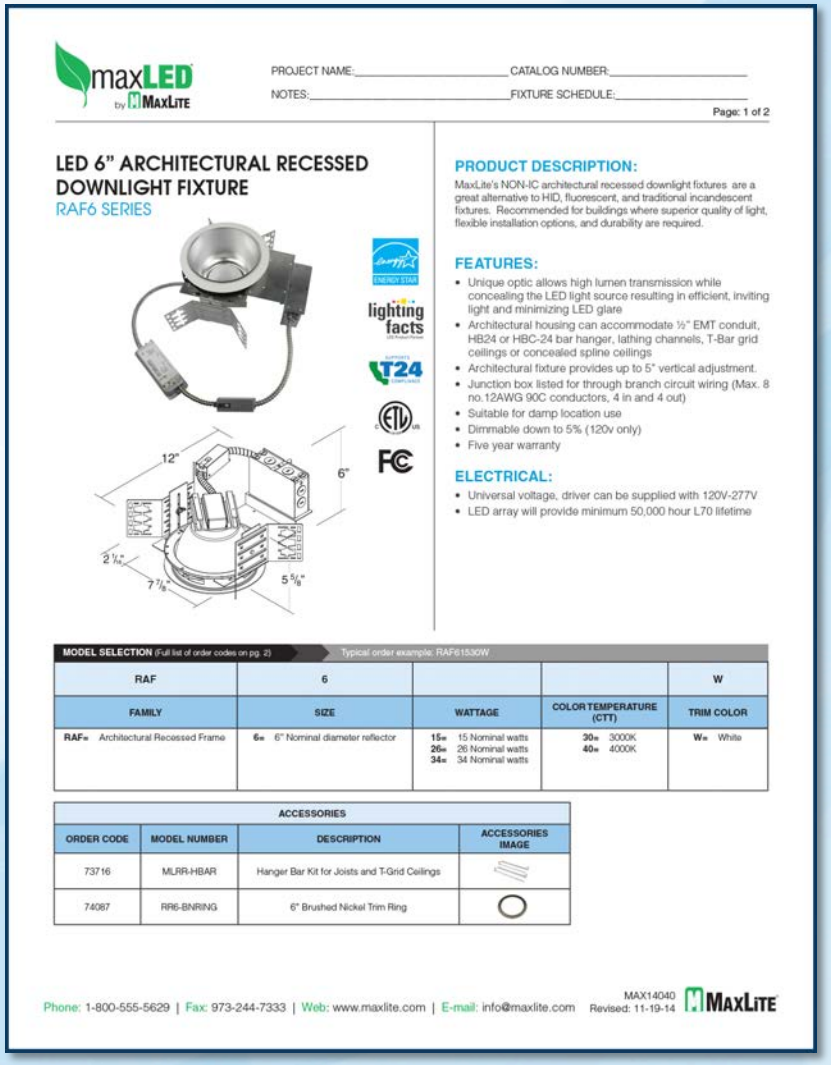
MAX14092 Revised: 11-04-15 MAXLITE

LED ARCHITECTURAL RECESSED DOWNLIGHT FIXTURES

- MaxLite's Energy Star certified Architectural Downlight Fixtures are offered in 4, 6 and 8" aperture sizes, work with a wide variety of ceiling systems and can be vertically adjusted up to 5 inches.

For new construction applications that require superior lighting performance, flexible installation options and durability, MaxLite's Energy Star certified Non-IC architectural recessed downlights are an energy-efficient alternative to HID, fluorescent and traditional incandescent fixtures. The architectural recessed fixtures are offered with a 5-inch vertical adjustment and mounting brackets compatible with a wide variety of ceiling systems.



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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

Page: 1 of 2

LED 6" ARCHITECTURAL RECESSED DOWNLIGHT FIXTURE

RAF6 SERIES

PRODUCT DESCRIPTION:

MaxLite's NON-IC architectural recessed downlight fixtures are a great alternative to HID, fluorescent, and traditional incandescent fixtures. Recommended for buildings where superior quality of light, flexible installation options, and durability are required.

FEATURES:

- Unique optic allows high lumen transmission while concealing the LED light source resulting in efficient, inviting light and minimizing LED glare
- Architectural housing can accommodate ½" EMT conduit, HB24 or HBC-24 bar hanger, lathing channels, T-Bar grid ceilings or concealed spline ceilings
- Architectural fixture provides up to 5" vertical adjustment.
- Junction box listed for through branch circuit wiring (Max. 8 no.12AWG 90C conductors, 4 in and 4 out)
- Suitable for damp location use
- Dimmable down to 5% (120v only)
- Five year warranty

ELECTRICAL:

- Universal voltage, driver can be supplied with 120V-277V
- LED array will provide minimum 50,000 hour L70 lifetime

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: RAF6153OW

RAF	6			W
FAMILY	SIZE	WATTAGE	COLOR TEMPERATURE (CTT)	TRIM COLOR
RAF= Architectural Recessed Frame	6= 6" Nominal diameter reflector	15= 15 Nominal watts 26= 26 Nominal watts 34= 34 Nominal watts	30= 3000K 40= 4000K	W= White

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
73716	MLRR-HBAR	Hanger Bar Kit for Joists and T-Grid Ceilings	
74087	RR6-BNRING	6" Brushed Nickel Trim Ring	

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MAX14040 Revised: 11-19-14 MAXLITE

LED RECESSED DOWNLIGHT RETROFITS

- Designed as an energy-efficient lighting solution for remodeling or new construction projects, MaxLite's LED Recessed Retrofit downlights are the ideal replacements for 50- to 75-watt incandescent lamps in the industry's most popular four- and six-inch recessed downlight fixtures. Part of the MaxLED® family of products, the LED Recessed Retrofit downlights deliver uniform color distribution and superior quality lighting compared to most incandescent and CFL fixtures. ENERGY STAR®-certified models are available.

RR409

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4" LED Downlight Retrofit

The 4" Retrofit LED module with integral trim (RR409) and an E26 medium screw base adapter have been classified for use with most 4" housings on the market, including IC/airtight and non-IC incandescent recessed housings.

Constructed with high efficacy LEDs and an integral dimmable driver (dimming at 120V only), the fixtures feature an optical diffuser that produces high lumen transmission and even illumination. The fixtures are suitable for damp and wet locations, including kitchens and showers.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

FEATURES:

- 120-277V universal power supply
- High lumen transmission and diffusing for even illumination
- Dimmable down to 10 percent (See page 2 for recommended dimmers)
- Driver power factor: >.90, THD <20% and has integral thermal protection to sense high temperature or internal failure
- The driver mounts externally to the module, allowing future replacement, if needed.
- Suitable for damp and wet locations
- Supplied with an E26 base adapter
- 90-degree beam angle

CONSTRUCTION:

- Durable die-casting aluminum heat sink with integrated trim in one-piece
- Module construction includes LED, heat sink, lens and white trim
- Impact-resistant plastic lens
- Installs into 4-inch cans using blade springs

Luminaire Ordering Information:

Watts	Order Number	Model Number	Inc. Equivalent	Lumens	CRI	Lamp Life (Hrs.)	Dimensions Dia"x H"	CCT
9	71778	RR40930W*	50	500	80	50,000	5" x 3.5"	3000
9	71780	RR40950W	50	525	80	50,000	5" X 3.5"	5000

*Energy Star Qualified

Lighting layouts and spacing criteria available upon request

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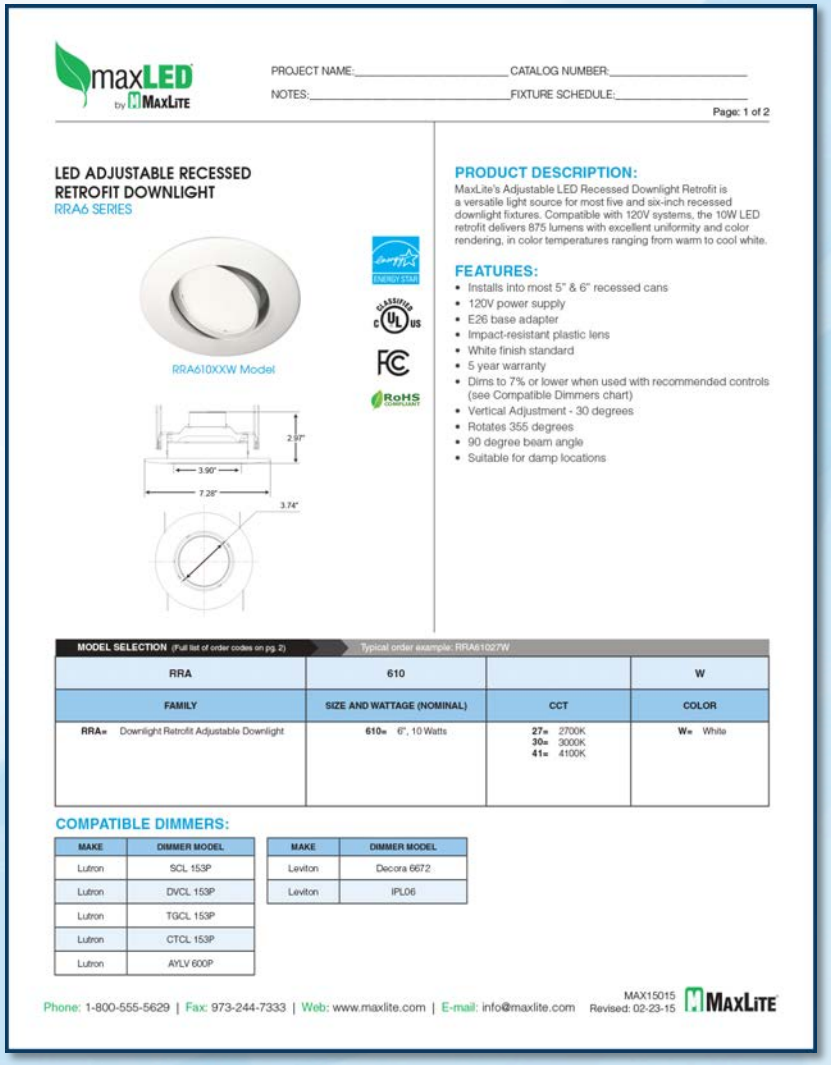
Revised: 08-07-14

LED ADJUSTABLE RECESSED RETROFIT DOWNLIGHT

- MaxLite's Adjustable LED Recessed Downlight Retrofit is a versatile light source for most five and six-inch recessed downlight fixtures. Compatible with 120V systems, the 10W LED retrofit delivers 875 lumens with excellent uniformity and color rendering, in color temperature ranging from warm to cool white.



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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

Page: 1 of 2

LED ADJUSTABLE RECESSED RETROFIT DOWNLIGHT

RRA6 SERIES

RRA610XXW Model

PRODUCT DESCRIPTION:

MaxLite's Adjustable LED Recessed Downlight Retrofit is a versatile light source for most five and six-inch recessed downlight fixtures. Compatible with 120V systems, the 10W LED retrofit delivers 875 lumens with excellent uniformity and color rendering, in color temperatures ranging from warm to cool white.

FEATURES:

- Installs into most 5" & 6" recessed cans
- 120V power supply
- E26 base adapter
- Impact-resistant plastic lens
- White finish standard
- 5 year warranty
- Dims to 7% or lower when used with recommended controls (see Compatible Dimmers chart)
- Vertical Adjustment - 30 degrees
- Rotates 355 degrees
- 90 degree beam angle
- Suitable for damp locations

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: RRA61027W

RRA	610		W
FAMILY	SIZE AND WATTAGE (NOMINAL)	CCT	COLOR
RRA= Downlight Retrofit Adjustable Downlight	610= 6", 10 Watts	27= 2700K 30= 3000K 41= 4100K	W= White

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	SCL 153P
Lutron	DVCL 153P
Lutron	TGCL 153P
Lutron	CTCL 153P
Lutron	AYLV 600P

MAKE	DIMMER MODEL
Leviton	Decora 6672
Leviton	IPL06

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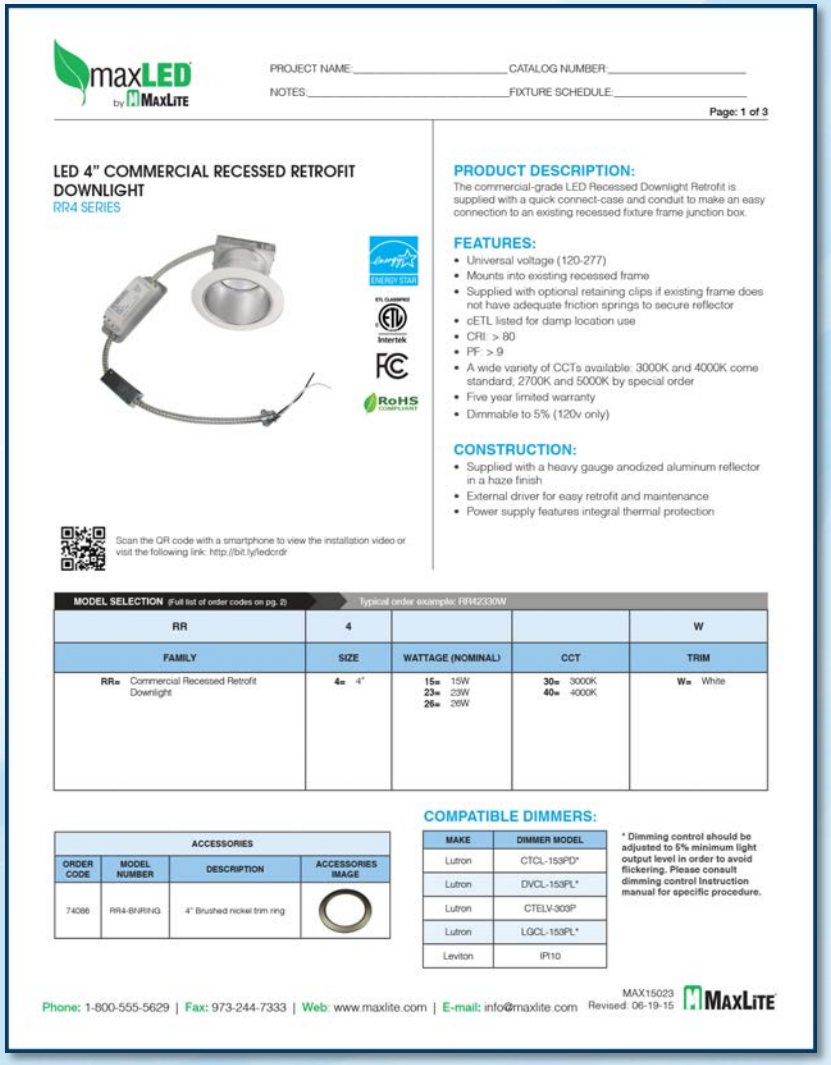
MAX15015 Revised: 02-23-15 MaxLite

LED COMMERCIAL RECESSED RETROFIT DOWNLIGHTS

- The commercial-grade LED Recessed Downlight Retrofits are ideal for retrofitting inefficient fixtures in malls, hospitals, airports, offices, lobbies and other commercial applications. ENERGY STAR®-certified models are available.

The easy-to-install downlight retrofits can mount easily to existing fixtures using only friction. Additionally, the retrofits come standard with a patent-pending quick connect case and conduit that connects easily to an existing junction box (See Installation Video). The downlights produce high quality light, consistent and reliable performance, high efficiency and superior value for the commercial and architectural market.



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PROJECT NAME: _____ CATALOG NUMBER: _____

NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED 4" COMMERCIAL RECESSED RETROFIT DOWNLIGHT

RR4 SERIES

PRODUCT DESCRIPTION:

The commercial-grade LED Recessed Downlight Retrofit is supplied with a quick connect-case and conduit to make an easy connection to an existing recessed fixture frame junction box.

FEATURES:

- Universal voltage (120-277)
- Mounts into existing recessed frame
- Supplied with optional retaining clips if existing frame does not have adequate friction springs to secure reflector
- cETL listed for damp location use
- CRI: > 80
- PF: > 9
- A wide variety of CCTs available: 3000K and 4000K come standard; 2700K and 5000K by special order
- Five year limited warranty
- Dimmable to 5% (120v only)

CONSTRUCTION:

- Supplied with a heavy gauge anodized aluminum reflector in a haze finish
- External driver for easy retrofit and maintenance
- Power supply features integral thermal protection

Scan the QR code with a smartphone to view the installation video or visit the following link: http://bit.ly/ledcrdr

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: RR42330W

RR	4			W
FAMILY	SIZE	WATTAGE (NOMINAL)	CCT	TRIM
RR= Commercial Recessed Retrofit Downlight	4= 4"	15= 15W 23= 23W 26= 26W	30= 3000K 40= 4000K	W= White

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
74086	RR4-BNRING	4" Brushed nickel trim ring	

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	CTCL-153PD*
Lutron	DVCL-153PL*
Lutron	CTELV-303P
Lutron	LGCL-153PL*
Leviton	IP110

* Dimming control should be adjusted to 5% minimum light output level in order to avoid flickering. Please consult dimming control instruction manual for specific procedure.

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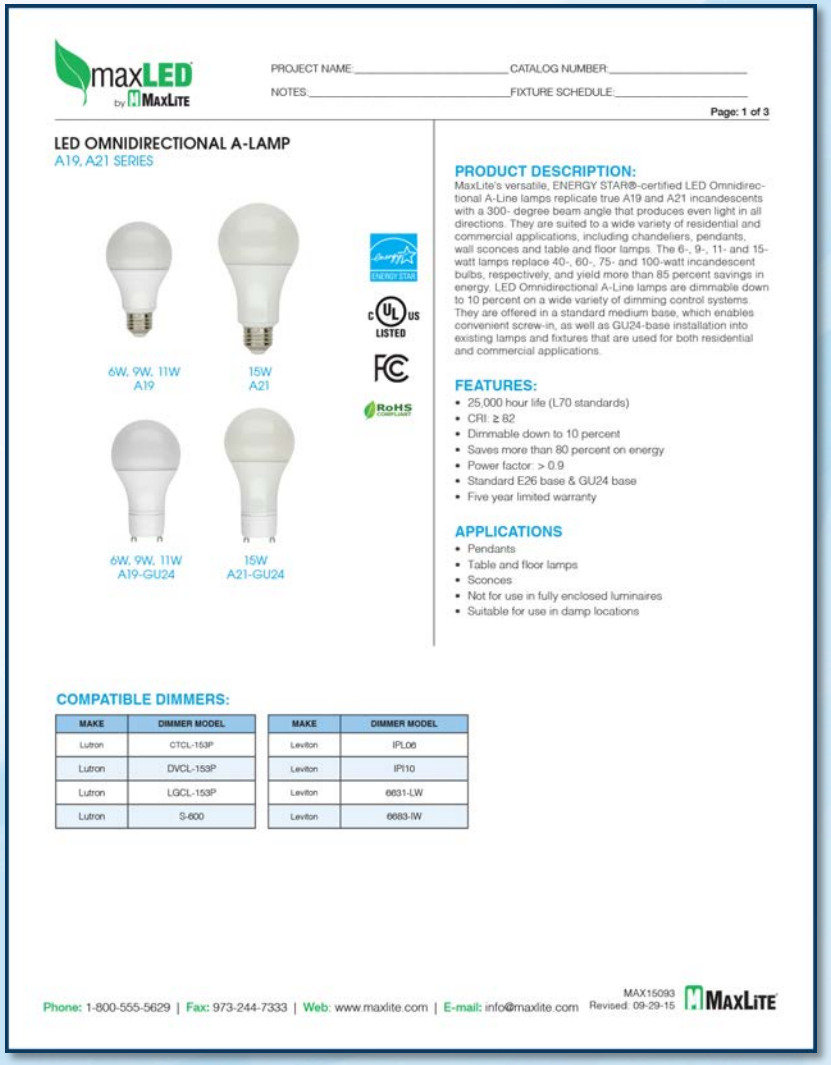
MAX15023 Revised: 06-19-15 MAXLITE

LED OMNIDIRECTIONAL TRADITIONAL SHAPE A-LAMPS

- Designed in a classic, rounded form factor, the new ENERGY STAR®-certified 9-watt omnidirectional A-lamp replaces a 60W incandescent bulb with more than 85 percent savings in energy throughout its 25,000-hour lifetime. The lamp replicates a true incandescent bulb with a 300-degree beam angle that produces even light in all directions. LED A-line lamps are suited to a wide variety of residential and commercial applications, including pendants, wall sconces and table and floor lamps. Also available in 6-watt, 11-watt, and 15-watt (replacing 40W, 75W, and 100W incandescent lamps).

Strictly matched for color quality and consistency, the 9-watt model is available in 2700K, 3000K and 4000K correlated color temperatures (CCTs) and delivers up to 800 lumens and 89 lm/W efficacy. The lamp is dimmable down to 10 percent on a wide variety of dimming control systems and is offered in a standard medium base and GU24 base for easy installation into a wide range of lamps and fixtures used in both residential and commercial applications.



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PROJECT NAME: _____ CATALOG NUMBER: _____

NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED OMNIDIRECTIONAL A-LAMP

A19, A21 SERIES

6W, 9W, 11W A19 — 15W A21

6W, 9W, 11W A19-GU24 — 15W A21-GU24

PRODUCT DESCRIPTION:

MaxLite's versatile, ENERGY STAR®-certified LED Omnidirectional A-Line lamps replicate true A19 and A21 incandescents with a 300- degree beam angle that produces even light in all directions. They are suited to a wide variety of residential and commercial applications, including chandeliers, pendants, wall sconces and table and floor lamps. The 6-, 9-, 11- and 15-watt lamps replace 40-, 60-, 75- and 100-watt incandescent bulbs, respectively, and yield more than 85 percent savings in energy. LED Omnidirectional A-Line lamps are dimmable down to 10 percent on a wide variety of dimming control systems. They are offered in a standard medium base, which enables convenient screw-in, as well as GU24-base installation into existing lamps and fixtures that are used for both residential and commercial applications.

FEATURES:

- 25,000 hour life (L70 standards)
- CRI: ≥ 82
- Dimmable down to 10 percent
- Saves more than 80 percent on energy
- Power factor: > 0.9
- Standard E26 base & GU24 base
- Five year limited warranty

APPLICATIONS

- Pendants
- Table and floor lamps
- Sconces
- Not for use in fully enclosed luminaires
- Suitable for use in damp locations

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL	MAKE	DIMMER MODEL
Lutron	CTCL-153P	Leviton	IPL06
Lutron	DVCL-153P	Leviton	IPI10
Lutron	LGCL-153P	Leviton	6631-LW
Lutron	S-600	Leviton	6683-IW

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MAX15093 Revised: 09-29-15 MAXLITE

LED OMNIDIRECTIONAL A-LAMPS

- MaxLite's award-winning, ENERGY STAR®-certified LED Omnidirectional A-Line lamps replicate true A19 and A21 incandescents with a 300-degree beam angle that produces even light in all directions. Available in four wattages (7W, 10W, 12W, 17W), the lamps replace 40-100W incandescent bulbs with more than 80 percent savings in energy. The 17W (100W equivalent) won the 2014 Lighting For Tomorrow Award for best replacement lamp.

Named one of the "Top 100 New Building Products" by Professional Builder Magazine, Omnidirectional A-Line lamps are suited to a wide variety of residential and commercial applications, including pendants, wall sconces and table and floor lamps. They are dimmable down to 10 percent on a wide variety of dimming control systems.

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PROJECT NAME: _____ CATALOG NUMBER: _____

NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 3

LED OMNIDIRECTIONAL A-LAMP
A19, A21 SERIES

7W, 10W 12W 17W

7W, 10W 12W 17W

PRODUCT DESCRIPTION:
MaxLite's versatile, ENERGY STAR®-certified LED Omnidirectional A-Line lamps replicate true A19 and A21 incandescents with a 300- degree beam angle that produces even light in all directions. They are suited to a wide variety of residential and commercial applications, including chandeliers, pendants, wall sconces and table and floor lamps. The 7-, 10-, 12- and 17-watt lamps replace 40-, 60-, 75- and 100-watt incandescent bulbs, respectively, and yield more than 80 percent savings in energy. LED Omnidirectional A-Line lamps are dimmable down to 10 percent on a wide variety of dimming control systems. They are offered in a standard medium base, which enables convenient screw-in, as well as GU24-base installation into existing lamps and fixtures that are used for both residential and commercial applications.

FEATURES:
- 25,000 hour life (L70 standards)
- CRI: 82
- Dimmable down to 10 percent
- Saves more than 80 percent on energy
- Power factor: > .9
- Standard E26 base & GU24 base
- Five year limited warranty

APPLICATIONS
- Chandeliers
- Pendants
- Table and floor lamps
- Sconces
- Not for use in fully enclosed luminaires
- Suitable for use in damp locations

MODEL SELECTION (Full list of order codes on pg. 3) Typical order example: 10A19DLED27

		DLED		
FAMILY	BASE	DIMMABILITY	COLOR RENDERING INDEX (CRI)^	CCT
7A19= 7 watts, A19 10A19= 10 watts, A19 12A19= 12 watts, A19 17A21= 17 watts, A21	(OMIT)= E26 GU= GU24	DLED= Dimmable	(OMIT)= 82 9= 90+	27= 2700K 30= 3000K 41= 4100K

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	CTCL-153P
Lutron	DVCL-153P
Lutron	LGCL-153P
Lutron	S-600

MAKE	DIMMER MODEL
Leviton	IPL06
Leviton	IPI10
Leviton	6631-LW
Leviton	6683-IW

NOTES:
1. ^ 90+ CRI available in 12W (60W Equiv.) and 3000K only.

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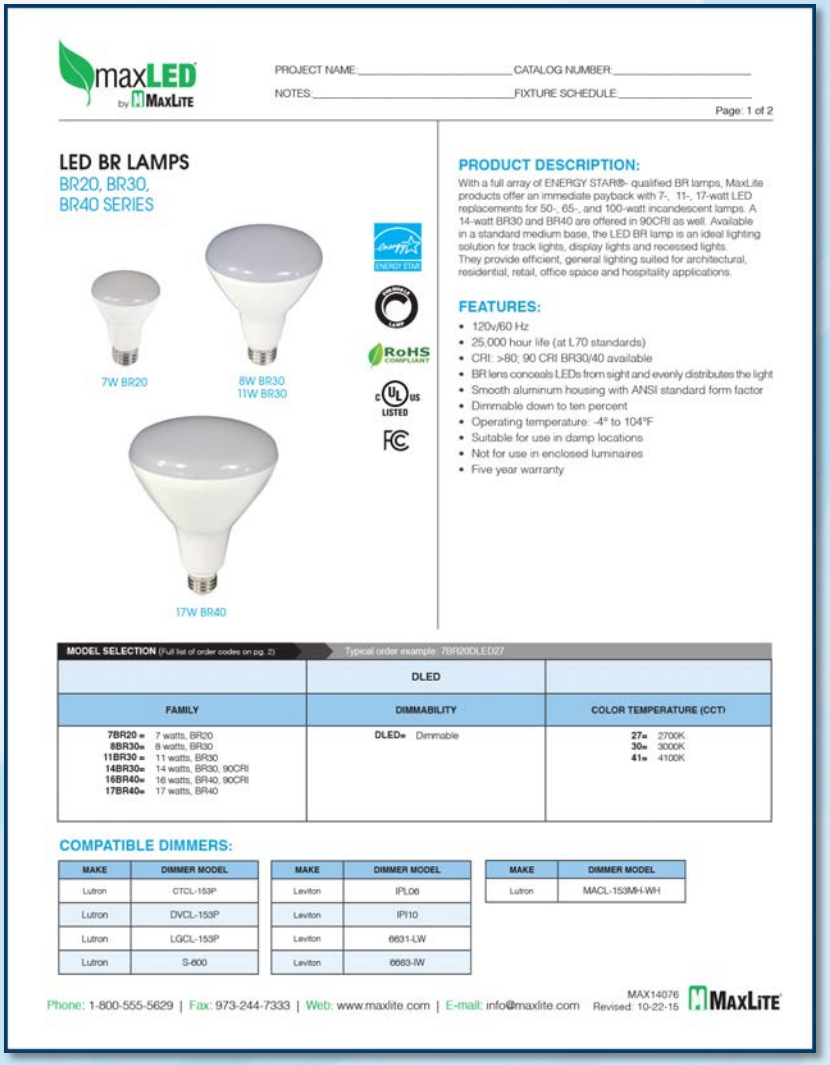
MAX14091 Revised: 08-25-15 MaxLite

LED BR LAMPS

- The highly efficient LED family of lamps replace up to 100-watt incandescent reflectors, significantly reducing consumers' carbon footprint while maintaining a very high quality of light. The LED BR lamps are the ideal lighting solution for recessed and architectural residential, retail, office space and hospitality applications. ENERGY STAR®-certified models are available.



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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

Page: 1 of 2

LED BR LAMPS

BR20, BR30, BR40 SERIES

7W BR20

8W BR30
11W BR30

17W BR40

PRODUCT DESCRIPTION:

With a full array of ENERGY STAR®- qualified BR lamps, MaxLite products offer an immediate payback with 7-, 11-, 17-watt LED replacements for 50-, 65-, and 100-watt incandescent lamps. A 14-watt BR30 and BR40 are offered in 90CRI as well. Available in a standard medium base, the LED BR lamp is an ideal lighting solution for track lights, display lights and recessed lights. They provide efficient, general lighting suited for architectural, residential, retail, office space and hospitality applications.

FEATURES:

- 120v/60 Hz
- 25,000 hour life (at L70 standards)
- CRI: >80; 90 CRI BR30/40 available
- BR lens conceals LEDs from sight and evenly distributes the light
- Smooth aluminum housing with ANSI standard form factor
- Dimmable down to ten percent
- Operating temperature: -4° to 104°F
- Suitable for use in damp locations
- Not for use in enclosed luminaires
- Five year warranty

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: 7BR20DLED27

FAMILY	DLED DIMMABILITY	COLOR TEMPERATURE (CCT)
7BR20= 7 watts, BR20 8BR30= 8 watts, BR30 11BR30 = 11 watts, BR30 14BR30= 14 watts, BR30, 90CRI 16BR40= 16 watts, BR40, 90CRI 17BR40= 17 watts, BR40	DLED= Dimmable	27= 2700K 30= 3000K 41= 4100K

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	CTCL-153P
Lutron	DVCL-153P
Lutron	LGCL-153P
Lutron	S-600

MAKE	DIMMER MODEL
Leviton	IPL06
Leviton	IP110
Leviton	6631-LW
Leviton	6683-IW

MAKE	DIMMER MODEL
Lutron	MACL-153MH-WH

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MAX14076
Revised: 10-22-15

MaxLite

LED PAR LAMPS

- Providing better quality light than CFL lamps and offering superior cost savings to incandescent alternatives, MaxLite's family of LED PAR lamps are available in 2700K, 3000K, and 4100K (4000K) correlated color temperature (CCT) and deliver high-quality light in retail, residential, recessed, track lighting and architectural lighting. ENERGY STAR®-certified models are available.

maxLED by MAXLITE

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

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LED PAR Lamps

PAR20, PAR30, PAR38 SERIES

7W PAR20

12W PAR30 Short Neck

12W PAR30 Long Neck

15W PAR38

PRODUCT DESCRIPTION:

MaxLite's energy-efficient PAR lamps offer 7-, 12-, and 15- watt LED replacements for 50-, 75-, and 120- incandescent lamps to significantly reduce your carbon footprint while maintaining a very high quality of light. Available in the PAR20, PAR30, and PAR38 sizes, Maxlite's lineup has industry leading light output, making it ideal for architectural and wall wash lighting in track, recessed and decorative lighting fixtures in retail, high-end residential and office environments. The LED Lamps produce a strong center beam candle power that provides bright and crisp lighting to showcase artwork and products.

FEATURES:

- 120V / 60Hz
- 25° and 40° available
- 25,000 hour life at L70 standards
- CRI: >80
- High output chip-on-board LED
- Dimmable down to ten percent
- Operating temperature range: - 4° to 104° F
- Not for use in enclosed luminaires
- Five year warranty

MODEL SELECTION (Full list of order codes on pg. 3) — Typical order example: 7PAR20DLED27

		DLED		
	FAMILY	**DIMMABILITY**	**COLOR TEMPERATURE (CCT)**	**BEAM ANGLE**
	7P20= 7 watts, PAR20 **12P30=** 12 watts, PAR30 Short neck **12P30LN=** 12 watts, PAR30 Long neck **15P38=** 15 watts, PAR38	**DLED=** Dimmable	**27=** 2700K **30=** 3000K **41=** 4100K **50=** 5000K	**NF=** Narrow flood 25° **FL=** Flood 40°

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	CTCL-153P
Lutron	DVCL-153P
Lutron	LGCL-153P
Lutron	S-600

MAKE	DIMMER MODEL
Leviton	IPL06
Leviton	IPI10
Leviton	6631-LW
Leviton	6683-IW

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MAX14075
Revised: 03-23-15

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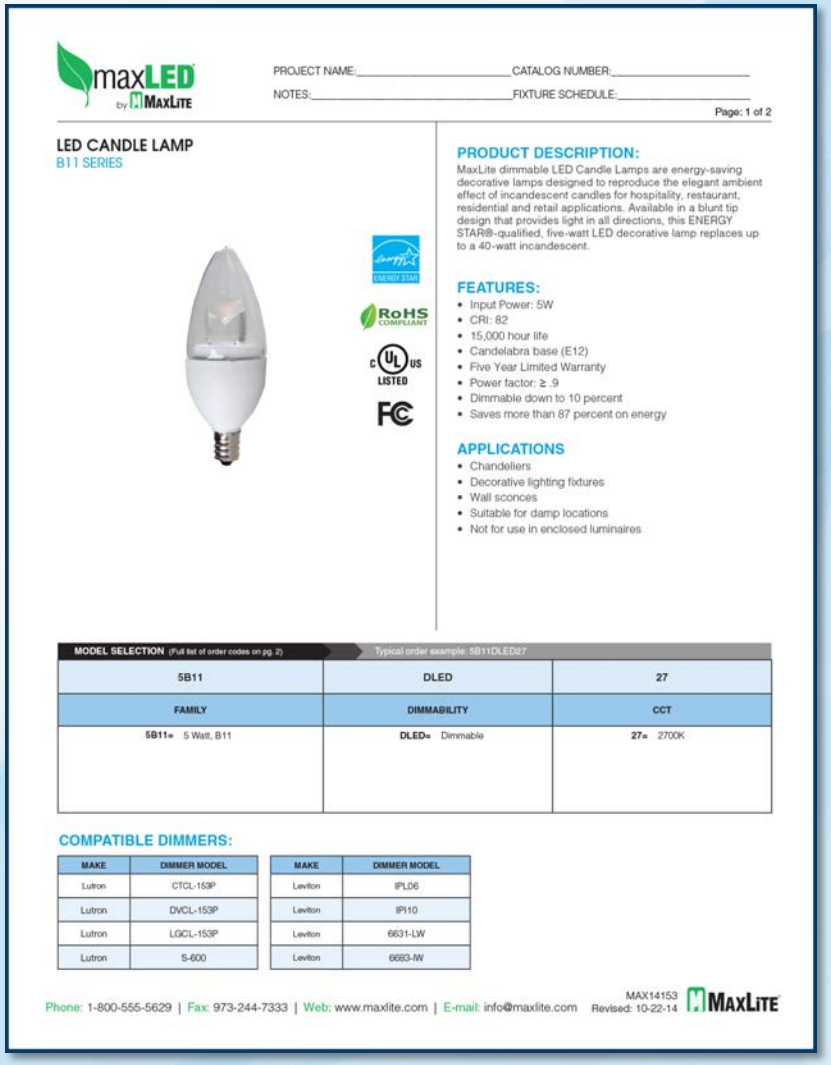
LED CANDLE LAMPS

- The LED Candelabra bulbs are designed to simulate an incandescent candelabra bulb with true backlighting. Available in a torpedo styles with an E12 base, MaxLite's family of candelabra replacement bulbs are offered in clear envelope, and are designed to replace up to a 25-watt incandescent bulb in wall sconces and decorative chandeliers in residential and commercial applications. ENERGY STAR®-certified models are available.



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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

Page: 1 of 2

LED CANDLE LAMP

B11 SERIES

PRODUCT DESCRIPTION:

MaxLite dimmable LED Candle Lamps are energy-saving decorative lamps designed to reproduce the elegant ambient effect of incandescent candles for hospitality, restaurant, residential and retail applications. Available in a blunt tip design that provides light in all directions, this ENERGY STAR®-qualified, five-watt LED decorative lamp replaces up to a 40-watt incandescent.

FEATURES:

- Input Power: 5W
- CRI: 82
- 15,000 hour life
- Candelabra base (E12)
- Five Year Limited Warranty
- Power factor: ≥ .9
- Dimmable down to 10 percent
- Saves more than 87 percent on energy

APPLICATIONS

- Chandeliers
- Decorative lighting fixtures
- Wall sconces
- Suitable for damp locations
- Not for use in enclosed luminaires

MODEL SELECTION (Full list of order codes on pg. 2)	Typical order example: 5B11DLED27	
5B11	DLED	27
FAMILY	DIMMABILITY	CCT
5B11= 5 Watt, B11	DLED= Dimmable	27= 2700K

COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	CTCL-153P
Lutron	DVCL-153P
Lutron	LGCL-153P
Lutron	S-600

MAKE	DIMMER MODEL
Leviton	IPL06
Leviton	IP110
Leviton	6631-LW
Leviton	6683-IW

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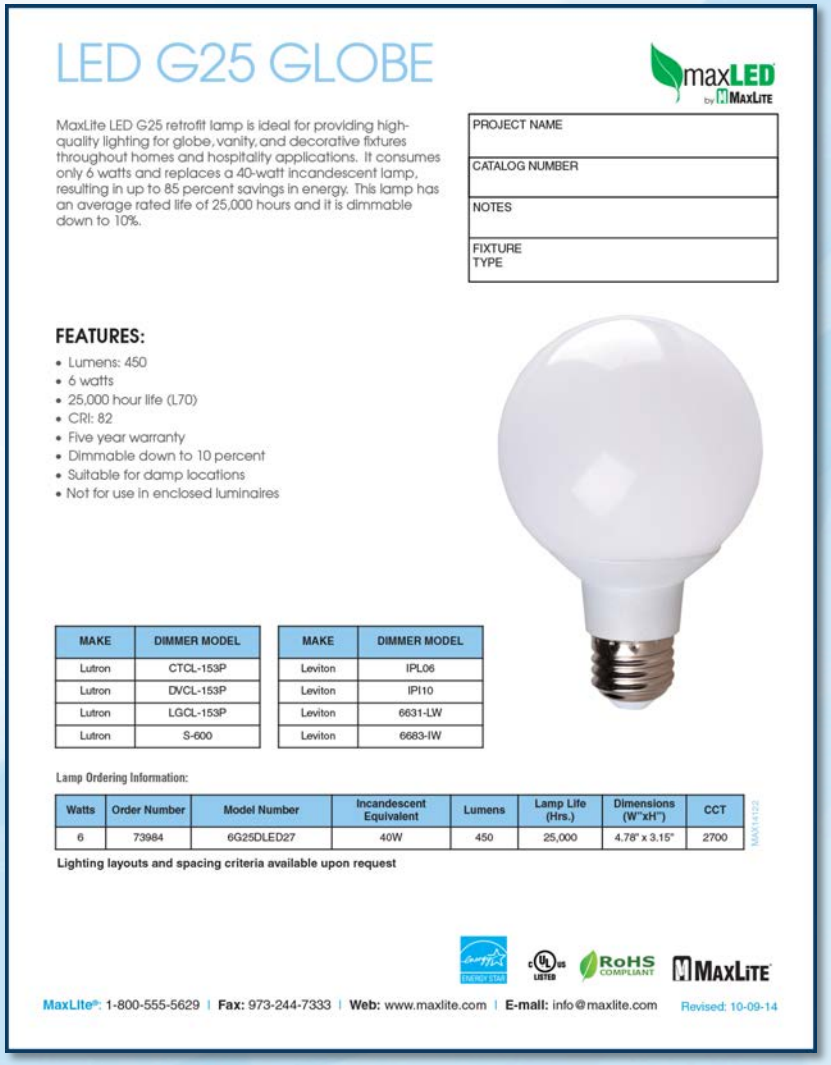
MAX14153 Revised: 10-22-14 MaxLite

LED G25 GLOBE

- The ENERGY STAR® LED G25 Globe consumes just six watts but replaces a 40-watt incandescent bulb. This frosted lamp, with a standard Edison E26 base, is ideal for pendant, vanity lighting applications in residential, hospitality and commercial environments and is offered in 2700K (warm white) correlated color temperature (CCT).



LED G25 GLOBE

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MaxLite LED G25 retrofit lamp is ideal for providing high-quality lighting for globe, vanity, and decorative fixtures throughout homes and hospitality applications. It consumes only 6 watts and replaces a 40-watt incandescent lamp, resulting in up to 85 percent savings in energy. This lamp has an average rated life of 25,000 hours and it is dimmable down to 10%.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

FEATURES:

- Lumens: 450
- 6 watts
- 25,000 hour life (L70)
- CRI: 82
- Five year warranty
- Dimmable down to 10 percent
- Suitable for damp locations
- Not for use in enclosed luminaires

MAKE	DIMMER MODEL
Lutron	CTCL-153P
Lutron	DVCL-153P
Lutron	LGCL-153P
Lutron	S-600

MAKE	DIMMER MODEL
Leviton	IPL06
Leviton	IPI10
Leviton	6631-LW
Leviton	6683-IW

Lamp Ordering Information:

Watts	Order Number	Model Number	Incandescent Equivalent	Lumens	Lamp Life (Hrs.)	Dimensions (W"xH")	CCT
6	73984	6G25DLED27	40W	450	25,000	4.78" x 3.15"	2700

Lighting layouts and spacing criteria available upon request

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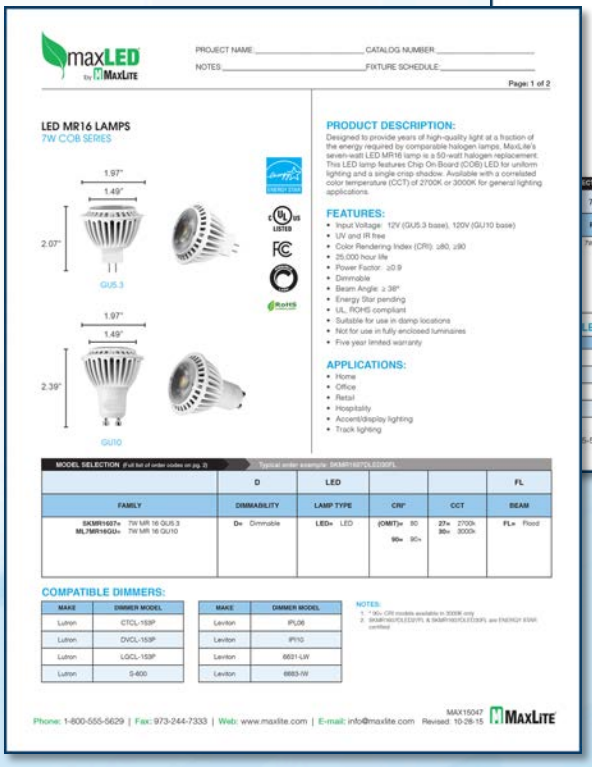
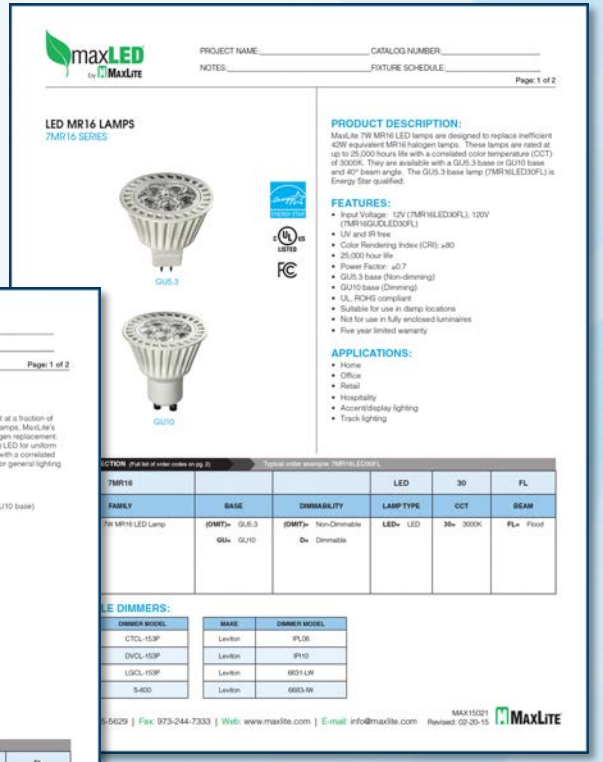
LED MR16 LAMPS

- Available in a GU5.3 base, MaxLite's LED MR16 is a highly efficient LED lamp that replaces up to 50-watt halogen lamps. The lamp maintains a high quality of light, and is suitable for architectural, accent and track lighting in residential, retail, museum and hospitality applications.





MAXLITE LIGHTING & TECHNOLOGY UNIVERSITY

MaxLite Lighting & Technology University

Home | Earn Your Lighting Degree | Common Lighting Terms & Definitions | Other Lighting & Technology Resources | Webinar Library

MaxLite Lighting & Technology University:
The department function is to train and provide product training material for all MaxLite representatives, customers and employees. The goal of the department is to educate the staff and rep network to a full and complete understanding of our products, technologies, marketplace, and business environments. We endeavor to educate how and why lighting functions, repair and replacement, as well as compare to competitors or listing requirements. We will accomplish this by providing the tools and services proactively and as needed to supplement.

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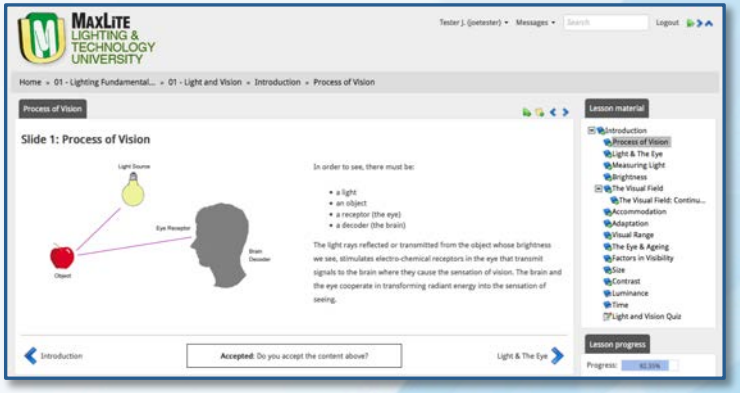
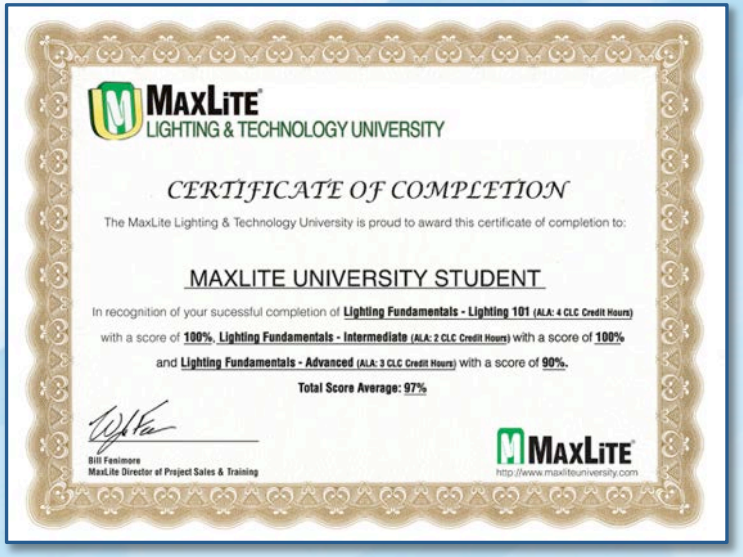
Earn Your Lighting Degree (ALA CLC Credit Hours)

Download Student Handbook

Other Lighting Resources

Webinar Library





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Email Joe Pater at jpater@maxlite.com for more info!

THANKS FOR ATTENDING!

QUESTIONS/ANSWERS

Thank you everyone for your attention! Please feel free to use this opportunity to ask any questions you may have about MaxLite or the products/topics discussed in this presentation.

FOR MORE INFORMATION ABOUT OTHER MAXLITE PRODUCTS, OR FOR LIGHTING QUESTIONS IN GENERAL; PLEASE CONTACT:

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