DECO Lighting, America’s leading green lighting technology manufacturer, a division of DECO Enterprises, specializes in the manufacturing of energy-saving LED lighting solutions. DECO’s goal is to serve the growing need for energy efficient, sustainable lighting and control solutions. DECO Enterprises has over 50 years combined experience in lighting manufacturing and has produced many innovative products which have shaped today’s industry.

Our mission is to be the leading provider of innovative, environmentally-friendly, high quality fixtures and related products to the U.S. and worldwide commercial, institutional and utility markets. As a recognized leader in the lighting industry, it is our responsibility to deliver superior value to our customers and their clients on a consistent basis. This commitment permeates everything we do, driving us to continuously develop and improve our products and the processes necessary to fulfill today’s needs for quality, energy-efficient, eco-friendly lighting solutions.
Our experience in energy-efficient lighting solutions stems from years of industry renowned research and development, working hand-in-hand with leading public utility companies and institutions. Building upon this experience is our strategic partnership with renowned Japanese LED pioneer Nichia, enabling us to develop groundbreaking new technologies and remain at the forefront of the LED lighting industry.

- Chosen as a Technology Partner for the Los Angeles Better Buildings Challenge (LABBC), a U.S. Department of Energy initiative to support property owners and managers in executing cost-effective building performance upgrades
- Introduced Select-a-Watt adjustable drivers with a temperature rating of 95°C
- Innovated new wireless technologies which include the only Bluetooth-embedded drivers in the industry
- Named as one of the Top 100 fastest growing companies in Los Angeles in 2015 by the LA Business Journal
At Deco Lighting, we pride ourselves on building strong relationships with our superhero customers. We want to thank you for your continued support and for allowing us the opportunity to provide Deco Digital lighting solutions to your businesses and organizations. Together we’re an unbeatable team!
Deco Lighting is a very unique breed of lighting manufacturer. We understand that everyone has a special set of skills; we all have something that we’re good at. At Deco, we value the exceptional skills and distinctive character of each individual, which is why each member of the Deco team represents a superhero that is characteristic of him or her. We believe that if we give ourselves the chance to discover and develop our own special skills, we can enrich our lives and the lives of others. When our passionate, forward-thinking team of superheroes comes together, we work effectively to create a service-driven organization. Our dedication and positive spirits make us easy to do business with and allow us to continually innovate and improve our products.

As we grow as a company, it has become more and more important to explicitly define the core values from which we develop our culture, our brand, and our business strategies.

**We Are Like Superheroes Because...**

- Superheroes never give up.
- Superheroes always get the job done.
- Superheroes are the best at what they do.
- Superheroes have a crystal clear purpose.
- Superheroes are not flawless.
- Superheroes do not seek glory, even though they deserve it.
- Superheroes help others.
- A Superhero’s strength comes from their character.
- Superheroes can do it by themselves, but they’re more powerful in teams.

**Deco Core Values**

I. Be easy to do business with.

II. Continue to constantly innovate.

III. Be receptive and take ownership in everything we do.

IV. Provide the best warranty and service support in the industry.

V. Provide the best delivery time.

VI. Build products to last a lifetime.

VII. Be passionate and determined in everything we do.

VIII. Build a positive team and family spirit.

IX. Be proactive and do it right the first time around.

X. Maintain long term relationships with our customers...
   To light up their lives and save energy.
At Deco Lighting we are committed to providing a quality luminaire from top to bottom. Our QC process begins at the component level and is predicated on building a product that will far outlast our warranty. Because of the way we build our fixtures, we enjoy a failure rate of less than one-half percent on all of our LED products, which is why we can afford to provide the industry’s best warranty – 10 years including labor. No other lighting manufacturer in the world can beat our warranty. Deco Lighting is a “Made in the U.S.A” company with our corporate offices located in the greater Los Angeles area. We service contracts with military, government and municipal entities in the U.S. and around the world.
Here are a few reasons why our products outlast the competition:

**Nichia LEDs**

Deco Lighting is partnered with Nichia, the largest LED manufacturer in the world. Nichia LEDs are considered the best in the world, referred to as the Rolls Royce of LEDs. They have the tightest binning in the industry, with a 3-step MacAdam ellipse. We further utilize the Nichia technology by under-driving all the LEDs, thus reducing the heat in the system and extending the life of the LEDs. Our patented Cool Tech, U.S.-made boards take the heat off the LEDs twenty percent faster than the competition, and the remaining heat is dissipated evenly across the fixture using our innovative heat transfer plates. In addition, Deco Lighting uses high-performance, on-board optic lenses designed for the super high-power Nichia LEDs that we incorporate into our exterior lighting fixtures. Our custom optics allow for ultimate versatility in the field and include integrated silicone gaskets for ingress protection up to IP67.

**We build our own drivers**

Deco Lighting's drivers are built to last. We've taken components typically used in the electronics industry and incorporated them for use in lighting, which means they are over-engineered to ensure maximum efficiency and life-expectancy. Our drivers are rated to 95º C, which, when combined with the way we under-drive our Nichia LEDs to reduce heat, allows us to supply fixtures for jobs in Saudi Arabia and Dubai. We don’t shy away from hot environments.

**Our castings and lenses**

We only use top quality materials in the manufacture of our castings, including A360 aluminum ingot imported from Australia. Our fixtures contain more metal than the competition, which makes them sturdier and ensures that they operate at a lower temperature than thinner fixtures. This is critical in preventing capacitor failures that occur when internal temperatures reach or exceed 90º C.

All of our screws, clips, and fasteners are stainless steel with nickel-plating rather than cadmium plated, making them rust resistant and durable. Our molded Borosilicate glass lenses are manufactured in Taiwan for superior thermal shock resistance and clarity. We use Lexan 243R or Bayer 2407 for our Polycarbonate lenses, providing the highest UV and temperature ratings available. DuPont powder is used for our powdercoat finishes because of its superior UV resistance and durability. Our fixtures have a chromate conversion coating applied prior to the powdercoat painting process. This nine-stage process increases the corrosion resistance of the housings, which prolongs the life of the fixture. While it also provides an excellent bonding surface for the paint, it in turn prolongs the life of the finish.
DECO Lighting has made a commitment to quality manufacturing by forming a strategic partnership with Nichia, makers of the finest-quality LEDs in the market. DECO Lighting engineers have teamed with Nichia engineers to manufacture an LED light engine that produces very little heat, lasting up to 219,000 hours!

Nichia, arguably the top LED manufacturer in the world, remains at the leading edge of energy-efficient LED technology, producing LEDs with extended life cycles and minimal lumen depreciation. At Deco, we select only the highest quality components to use in our lighting fixtures, and our partnership with Nichia guarantees a future of continuous innovation for DECO Digital LED products. The use of Nichia LEDs in our fixtures has enabled us to provide the industry’s first and only 10-year, 100,000-hour warranty on all of our LED products, which includes an allowance for labor.

The close relationship shared between our two companies allows for a streamlined process that enables Deco Lighting to introduce new products into the market immediately, as opposed to the standard 8-10 months it takes for traditional new product sales cycles. With a common commitment to improving the quality and efficiency of lighting in an effort to secure a sustainable future for everyone, Deco Lighting and Nichia have the potential to revolutionize the lighting industry.
DECO Digital LED products stand out from traditional lighting technologies and even competing LED systems, featuring minimal lumen depreciation due to top-quality Nichia LEDs and well-engineered board designs that allow for efficient heat dissipation.
Here are just a few of our happy customers who have made the switch to next-generation LED lighting. DECO Digital LED solutions have been used in a number of high-profile projects, including the following:

**Anheuser Busch** - Installed 140W D821-LED Area Luminaires, 60W D404-LED Wall Packs, and 40W D402-LED Wall Packs at their Van Nuys brewing facility.

**CSX** - Installed 160W D816-LED area lights and 350W D230-LED sports lights in trainyards.

**Apple** - Redesigned and installed several 40W BLLT-LED architectural high bays in corporate offices.

**Google** - Replaced existing high bay fixtures with 40W D952-LED in high-ceiling office spaces.

**Houston Metro** - Replaced a large variety of outdoor fixtures with 60W-120W D816-LED area lights, 160W-300W D823-LED area lights, and 80W D821-LED architectural diamond luminaires.
Los Angeles, CA
AEG Worldwide (Anschutz Entertainment Group) upgraded over 100 metal-halide high bay fixtures in two of their most popular venues to next-generation DHBX-LED high bays from Deco Lighting. The goal was to increase the lifetime of the lighting system, cut maintenance costs, and lower energy expenditures for the two venues located at L.A. Live.
Deco Digital LED Lighting Illuminates L.A. Live

Opportunity
Owned by AEG Worldwide, the Staples Center and Microsoft Theater (formerly Nokia Theatre L.A. Live) host many high-caliber events, including basketball games and live concerts. With large venues, there is a high demand for powerful, quality lighting that can light up the large space or add flare to entertainment events. The previous 1000W metal-halide high bay fixtures in both venues drew a substantial amount of power and had high maintenance costs since the bulbs degraded quickly and needed to be replaced on a regular basis. The goal for both entertainment venues was to increase the lifetime of their lighting system and reduce maintenance costs associated with replacing lights.

“We are pleased that AEG has selected Deco Lighting to help them with their lighting needs, and we look forward to working with them on future projects around the world.”

-Ben Pouladian | President, Deco Lighting

Solution
After testing multiple fixtures from a few different manufacturers, the venues decided to go with top quality, energy-saving LED fixtures from Deco Lighting. The 1000W metal-halide fixtures were replaced with 240W Deco Digital DHBX-LED high bays, which feature virtually zero maintenance cost. The Staples Center installed 60 DHBX-LED fixtures and uses them for maintenance and live performances, while the Microsoft Theater installed 31 fixtures and uses them as work lights. The DHBX-LED provides excellent light distribution and is UL-listed for wet locations. With an L70 lifetime rating of 100,000+ hours and DLC-listing for substantial utility rebates, this was an excellent upgrade for the venues to increase the efficiency of their lighting system and provide more consistent illumination for attendees.
Benefits

LED lighting provides vastly superior lighting quality compared to older options, such as metal-halide and fluorescent lighting, which may color shift and quickly lose lumen output over the course of their lifetime. Additionally, newer LED solutions provide illumination that is evenly distributed and incredibly bright while still being comfortable on the eyes. The pure, clear illumination will provide attendees with an enhanced viewing experience during entertainment events and allow them to witness every detail of a game or concert in stunning clarity.

Switching to the 240W DHBX-LED will lead to 76% energy savings compared to a 1000W metal-halide fixture. The Staples Center and Microsoft Theater expect their total energy savings to be $42,408 per year and result in a quick payback period of just 20 months.

On top of that, their new LED lighting system emits significantly less heat than metal-halide bulbs and will lessen the need for costly cooling to combat the heat output from the lighting system. Fixture lifetime has increased from 30,000 hours with the metal-halide to 120,000 hours with the DHBX-LED, dramatically reducing maintenance costs and the need to replace bulbs.

As a final benefit, the Staples Center and Microsoft Theater can rest assured knowing that their new fixtures are covered by the best warranty in the industry, which covers both labor and LED driver for a period of 10 years or 100,000 hours. If there is any problem with any of their new LED fixtures over the next ten years, Deco will come out and fix it free of charge. That’s the Deco Lighting promise.
LED Products Used
240W DHBX-LED Indoor High Bay

Performance Data:
CRI: 70+ and 80+ option
CCT: 4000K, 5000K
Warranty: 10 yr. Limited Warranty
Dimming: Available with 0-10V inputs dimming down to 10%
Operating Temperature: -40°C to +55°C (-40°F to +149°F)
L70 Rating: 100,000+ Hours
IP Rating: IP65 for spray down/ IP66 when surface mount, U-bracket, and center pole
Driver Current: 700mA
BUG Rating: 120W - B4 U0 G1; 240W - B4 U3 G5
Regulatory Qualifications:
UL8750 & UL1598/1598B
Suitable for Wet Locations
DLC Listed
Buy American Act Compliant
When the property owner of an Inglewood strip mall looked to upgrade his dated 400W high pressure sodium lighting system to LED, he went with next-generation, U.S.-made DECO Digital LED Systems.

With many of his old HPS fixtures starting to fade out, the owner decided it was time to upgrade to a lighting system that provided energy and cost savings, better lighting quality, and reduced maintenance costs. Featuring a 100,000-hour, 10-year warranty that includes a labor allowance, DECO LED fixtures were the obvious choice for this property owner to go LED for all 20 of his parking lights and start saving immediately.

120W D816-LED Area Light
Available within a range of lumen packages with many optics and mounting options, the D816-LED area light is DLC-listed from 20W up to 120W. Paired with smart dimming, photocell, and motion sensing, the fixture automatically reduces lumen output during lighter dusk and dawn times to consume a reduced 60W!

The D816-LED is the ideal solution for upgrading existing metal-halide or high pressure sodium lighting in small to medium-sized parking areas to innovative, energy-saving LED technology.
$4,502
ANNUAL COST SAVINGS

19 MONTH
PAYBACK PERIOD

10 YEAR
INDUSTRY-LEADING WARRANTY
# Indoor

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- **Commercial**
- **Under Cabinet**
- **High Bay**
- **Downlight**
- **Vaporite**
- **Retrofit**
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- **D821-LED**
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- **D307-LED**
- **D309-LED**
- **D311-LED**
- **TRON-LED**
- **D-BULLET**
- **DSL-LED**
BEAM-LED  
*Direct/Indirect Lighting*

Wattage Range: 17-120, Lumen Range: 1620-11410  
Deco’s Beam suspended direct LED luminaire offers a sharp, minimalism design perfect for today’s interior spaces for offices, schools, retail and health facilities. It features a liquid-painted aluminum body, polished aluminum and die casted caps, cut, folded and galvanized sheet metal structural elements and acrylic glare free optics. LM70 rating of 100,000hrs.

CUBE-LED  
*Cube Series*

Wattage Range: 35-70, Lumen Range: 3330-6660  
Deco’s Cube series suspended direct LED lighting features hermetically sealed aluminum extrusion with a clear cover. Ideal for directing light, and is great for individual workstations using DALI compliant wiring systems.

COVE-LED  
*Coveno*

Wattage Range: 30-70, Lumen Range: 3300-7700  
With an advanced system of low powered LEDs, the Coveno delivers smooth, diffuse and consistent light to architectural features and surfaces. Equipped with an integral dimmable driver, two lumen packages, and four color temperatures, the Coveno can be easily tailored to the application while keeping energy consumption at a minimum.

EVIAT-LED  
*Evian Tube LED Series*

Wattage Range: 35-90, Lumen Range: 3330-8560  
Deco’s Evian Tube LED system series suspended direct LED luminaire serves as a connector to the Evian tube system. The combination of the variable and fixed angle connector allows for flexible lighting solutions in architecturally constrained spaces. The versatile Evian Tube LED series is best suited for open offices, private offices, conference rooms, reception areas, educational facilities and architecturally constrained spaces.

GENO-LED  
*Direct/Indirect Lighting*

Wattage Range: 35-60, Lumen Range: 3330-5710  
Deco’s Genoa LED is suspended or surface mounted direct-indirect LED luminaire with an engineered optical system, perforated fixture housing, and smooth white finish. Our adjustable cable suspension accessory allows the designer to adjust the amount of uplight and downlight for a particular application.
Deco Lighting practices a program of continuous product improvement, and as a result product specifications change frequently. We reserve the right to change product specifications without notice. For the latest detailed information on our products, contact Deco or visit our website at www.getdeco.com

HEX-LED
Hex Ronde
Wattage Range: 20-180, Lumen Range: 1910-17110
Available in diameters ranging from 14 inches up to 4 feet, the Hex Rond can suit a variety of different applications and meet your specific interior design goals. Matching this is an assortment of lumen packages, color temps, and fixture finishes that put you in control of designing the ideal office space for your business.

ICON-LED
Direct Lighting
Wattage Range: 35-45, Lumen Range: 3330-4280
Deco’s ICON-LED series suspended direct luminaire features hermetically sealed aluminum extrusion, with linear prismatic lenses providing direct focused illumination ideal for task lighting application.
INC1-LED
*Incasso Series*
Wattage Range: 25-90, Lumen Range: 2380-8560
Deco’s Incasso recessed-mount direct LED luminaire offers a sharp minimalistic design perfect for today’s interior spaces. It features a liquid painted aluminum body, polished aluminum and transparent liquid-painted end caps, cut, folded and galvanized sheet metal structural elements, polycarbonate dust proof screens and a parabolic-type louver.

OMGA-LED
*Omega LED Series*
Wattage Range: 35-90, Lumen Range: 3330-8560
Deco’s Omega series suspended direct LED lighting features a seamless aluminum housing with highly reflective louvers, with linear prismatic lenses providing direct, focused illumination ideal for task lighting applications.

PIATTO-LED
*Piatto Series*
Wattage Range: 35-70, Lumen Range: 3330-6660
The Piatto series suspended fitting with aluminum alloy structure integrated with the advanced side light transmitting technology, direct and indirect up & down light illuminating, high transmittance optical light guide PMMA plate create shadow free and uniform light output without any glare. Advanced thermal management technology to ensure consistency of LED life span, color temperature and maximize output lumens. Suspended and floor lamp are available for this series.

RONDE-LED
*Ronde Series*
Wattage Range: 20-240, Lumen Range: 1910-22810
The Ronde gives you the choice of form and mounting. Surface or pendant mounted, the Ronde will create an effect that will enhance the looks of any space. The Ronde is suited for offices, lobbies, retail, schools, libraries, themed spaces.

ROND-R-LED
*Ronde Series - Recessed*
Wattage Range: 45-180, Lumen Range: 4280-17110
The Ronde Recessed gives you the choice of form and mounting. The Ronde Recessed will create an effect that will enhance the looks of any space. The Ronde Recessed is suited for offices, lobbies, retail, schools, libraries, themed spaces.
Deco’s Beam suspended direct LED luminaire offers a sharp minimalist design perfect for today’s interior spaces for offices, schools, retail and health facilities. It features a liquid-painted aluminum body, polished aluminum and die-casted caps, cut, folded and galvanized sheet metal structural elements and acrylic glare free optics.

- Suitable for open offices, private offices, conference rooms, corridors, schools, labs, and public spaces
- Mounted from cables or available as a surface-mount fixture
- Options for downlight only or up/down combo

**BEAM-LED**

*Aesthetic minimalism with functional options*

2’-12’

**17W-120W**

Downlight

**17W-60W**

Uplight (Optional)
Deco’s LED cove fixture, Coveno offers the perfect combination of scale, performance, and control to create vibrant lighting effects.

With an advanced system of low powered LEDs, the Coveno delivers smooth, diffuse and consistent light to architectural features and surfaces. Equipped with an integral dimmable driver, two lumen packages, and four color temperatures, the Coveno can be easily tailored to the application while keeping energy consumption at a minimum.

In addition, Coveno’s unique, easy-to-install design offers continuous shadow-free lighting for seamless illumination effects over long distances and solves the age old problem of fluorescent socket shadows. And finally, the Coveno will not break the budget with its affordable pricing and low maintenance design that carries a 100,000 hour rated system life.

COVENO
Simple, small and powerful

2’-8’ Lengths Available
30W-70W Range
1,000 lms Per Foot
Light Uniformity
The Coveno uses low-power LEDs spaced closely together in multiple rows to create a smooth, soft illumination across the surface without any noticeable color shift.

Architectural Frosted Lens
Creates an even light distribution pattern.

Color Temperature
The Coveno offers different temperatures with a high CRI of 85+ to compliment any decor.

Dimming
The Coveno offers 0-10V dimming option, providing flexibility in the increasingly smart building environment.
Ronde-LED Architectural Design

Versatile in any interior space
Available in diameters ranging from 14 inches up to 5 feet, the Ronde can suit a variety of different applications and meet your specific interior design goals. Matching this is an assortment of lumen packages, color temps, and fixture finishes that put you in control of designing the ideal office space for your business. This is accompanied by DECO’s industry-leading 10-year warranty that covers labor as well.

Combine energy-saving performance with great design

At DECO, our mission is to be the leading manufacturer of innovative LED lighting solutions that improve lighting quality, improve efficiency, and enhance the environment through reduced energy consumption. With that being said, we aim to develop fixtures with modern design aesthetics in mind in addition to delivering energy-saving performance for businesses.
Smart Panel LED Fixture

The SFP-LED has been designed from the ground up to deliver smooth, even light distribution free of color shifting. Its thin, modern design makes it the optimal solution for replacing fluorescent troffers in both renovation and new construction projects. Providing crisp, uniform illumination and delivering up to 120 lumens per watt, the next-generation SFP blasts past the crowd of poor-quality LED panels on the market. Fitted with Select-A-Watt adjustable wattage for maximum control and energy-savings, the SFP is incredibly easy to install and available in a recessed, surface-mount, or pendant-mount style.

- Exceptionally Thin And Light Weight Structure
- High Performance LED Chips
- Innovative Light Transmitter
- Light Reflector
- Polycarbonate Light Diffuser

70% Expected Energy Savings

up to 123 lpw Efficacy

10 YEAR Warranty w/ Labor
Deco Lighting practices a program of continuous product improvement, and as a result product specifications change frequently. We reserve the right to change product specifications without notice. For the latest detailed information on our products, contact Deco or visit our website at www.getdeco.com

**CLOUD**

*2x2 and 2x4 LED*

Wattage Range: 35-59, Lumen Range: 3330-5610

- High reflectance optical engine delivers main beam focus through the optically designed acrylic lens.
- Linear ribbed acrylic lens with Lumieo® overlay manages the balance of efficiency and aesthetics.
- Reflector distributes light through both optical elements.

**DACH-LED**

*Architectural LED Channel*

Wattage Range: 12-120, Lumen Range: 1380-13800

- Powder coated white enamel finish after fabrication.
- Easy wireway access/wireway cover removed without tools.
- UL listed, CSA certified.

**DCH-LED**

*LED Strip*

Wattage Range: 12-120, Lumen Range: 1380-13800

- Powder coated white enamel finish after fabrication.
- Easy wireway access/wireway cover removed without tools.
- UL listed, CSA certified.
DCV-LED  
**Surface Wall Mount Valance Luminaire**  
Wattage Range: 22-45, Lumen Range: 2100-4280  
- Die and brake formed, heavy gauge cold rolled steel housing assembly.  
- Spot-welded for rigidity and clean appearance.  
- Approved to CSA and UL standards.

DIG-2C-LED  
**Direct/Indirect Center Basket**  
Wattage Range: 35-45, Lumen Range: 3330-4280  
- Provides soft, uniform lighting without hot spots or dark areas.  
- Direct lighting component is provided by a perforated metal cover with a white acrylic overlay that minimizes pixilation.  
- When illuminated, the metallic reflector and white basket appear bathed in the same uniform brightness.

DIG-14C-LED  
**1’x4’ Recessed Center Direct/Indirect**  
Wattage Range: 35-45, Lumen Range: 3330-4280  
- Provides soft, uniform lighting without hot spots or dark areas.  
- Direct lighting component is provided by a perforated metal cover with a white acrylic overlay that minimizes pixilation.  
- When illuminated, the metallic reflector and white basket appear bathed in the same uniform brightness.

DIG-4C-LED  
**2’x4’ Recessed Center Direct/Indirect**  
Wattage Range: 35-60, Lumen Range: 3330-5710  
- Provides soft, uniform lighting without hot spots or dark areas.  
- Direct lighting component is provided by a perforated metal cover with a white acrylic overlay.  
- Indirect lighting component provided by a partial parabolic shaped reflector painted matte white for a soft, uniform visual appearance.

DMB-LED  
**Surface Wall Mount Luminaire**  
Wattage Range: 22-45, Lumen Range: 2100-4280  
- Die formed, 22 gauge cold rolled steel housing assembly.  
- Diffuser is retained by a grooved formation running the length of the fixture and is held in place on both ends by the end caps.  
- Approved to CSA and UL standards.

DSC-LED  
**Surface Corridor**  
Wattage Range: 22-45, Lumen Range: 2100-4280  
- Contemporary style with flat-bottom acrylic prismatic diffuser.  
- Linear side prisms control brightness. Pyramidal bottom prisms minimize lamp image.  
- Diffuser hinges open from either side for easy cleaning and service.
All our Products are:

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**DSW-LED**
**Surface Wraparound**

*Wattage Range: 22-60, Lumen Range: 2890-6000*
*• Die formed heavy gauge steel with side flanges for extra uniformity and rigidity.*
*• Ballast cover snaps into housing to cover driver and wires.*
*• Socket plates slide on for easy wiring*

**DTG-LED**
**Economy Recessed Troffer**

*Wattage Range: 35-90, Lumen Range: 3330-8560*
*• Prismatic diffuser is standard.*
*• Room side access door to service and upgrade LED strips.*
*• UL, CUL, ROHS compliant, no mercury.*

**DVS-LED**
**Enclosed Polycarbonate**

*Wattage Range: 35-60, Lumen Range: 3330-5710*
*• One-piece, closed cell silicone mounting gasket is factory installed to help seal against moisture, dust and insects.*
*• UL Listed to US and Canadian safety standards.*
*• CSA Certified.*
SFP-LED
Smart Panel LED Fixture
Wattage Range: 20-50 Lumen Range: 2310-5990
• Recommended for offices, schools, hospitals, medical facilities and other commercial and institutional applications
• Finished Color: White and Silver.
• UL listed, CSA certified.
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### BLLT-LED
**IP65 Bullet High Bay**

Wattage Range: 40, Lumen Range: 4060
- High efficiency specular aluminum reflector for uniform symmetrical light distribution.
- Provides 100,000 hrs life, 50% energy savings, excellent color and system efficiency.
- Precision die-cast aluminum housing with integral fins for efficient heat dissipation and long service life.

### D952-LED
**LED High Bay**

Wattage Range: 20-120, Lumen Range: 2190-13110
- Heavy gauge spun aluminum driver enclosure for efficient heat dissipation.
- High performance prismatic optics provide high levels of vertical illuminance with minimal glare.
- High CRI.

### D980-LED
**High Bay**

Wattage Range: 120-350, Lumen Range: 13110-38220
- Able to be mounted at high heights.
- Stable wide dimming range 100%-10%.
- Optimized heat dissipation.
DHBX-LED
High Bay
Wattage Range: 60-360, Lumen Range: 6090-39320
• This prismatic lens option minimizes LED pixilation and provides excellent light distribution.
• Polycarbonate versions are available.
• Compliance: UL8750 & UL1598/1598B, Wet location listed.

DHLE-LED
Economy Linear High Bay
Wattage Range: 120-300, Lumen Range: 13110-32760
• High efficacy LED boards with dual copper cladding for thermal dissipation.
• Optional occupancy sensor, lensed door and wire guard available.
• Housing has top side access door for easy field access of driver and control gear.

TORPEDO-LED
LED High Bay
Wattage Range: 160-215, Lumen Range: 17920-26430
• Superior heavy duty, die-cast aluminum construction.
• White aluminium reflector, optional clear acrylic reflector with lens.
• Quick connector cable available.

DLC Listed
(Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl)

Select-A-Watt
(Please contact representative for specific Select-A-Watt wattages)

High CRI Option
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Vaportite

DWH-LED
Industrial/Vaportite LED
Wattage Range: 22-90, Lumen Range: 2100-8560
• Complies with federal energy efficiency standards.
• Reinforced fiberglass housing.
• High impact acrylic/15% DR diffuser material standard. High impact 50% & 100% DR available.

DWL-LED
Low Profile Vaportite
Wattage Range: 22-90, Lumen Range: 2100-8560
• Available lens configurations include linear ribbed and injection molded prismatic.
• Available lens materials include high impact acrylic and polycarbonate.
• UL listed for wet locations, NSF certified.

DWP-LED
Enclosed Vapor/Dust Proof Luminaire
Wattage Range: 60-300, Lumen Range: 5710-28510
• UL Listed to US and Canadian safety standards.
• Acrylic diffuser is 100% impact resistant for longevity.
• Lens features clear bottom surface for maximum light transmission.

DWX-LED
LED Vapor Proof Hazardous Locations
Wattage Range: 25-60, Lumen Range: 2380-5710
• Canted LED mounting faces provide wide spread distribution.
• Fully gasketed enclosure suitable for IP 66 and Class I Div. II hazardous locations.
• UL and cUL for wet locations.
DSBL-LED
Linear Square Luminaire
Wattage Range: 17-45, Lumen Range: 1620-4280
• DSBL-LED is a unique bi-level LED luminaire controlled by 2 external infrared motion sensors, designed to provide safe, dependable illumination while conserving energy. Suitable for surface or chain mounting.
• High quality construction for durability, long service life and vandal resistance.

LUCERA
Lucera Series
Wattage Range: 13-26, Lumen Range: 1500-3000
• Bi-level fixtures operate at 20% standby light level, offering safety and security with full light output instantly upon occupancy with areas fully lit only as needed.
• Meets ADA requirements for wall mounting.
Featuring a sleek, minimal design and smart sensing capabilities, the Lucera series LED stairwell fixture provides top-of-the-line performance to replace existing 2’ and 4’ fluorescent fixtures. Available at two different wattage levels with a single or dual motion sensor, the Lucera is the ideal lighting fixture for stairwells, utility rooms, and other areas where maximum light levels are not required on a constant basis.

- Operates at 30% standby light level in absence of human traffic
- Optional battery backup power, ensuring minimum of 90 minutes lighting during power failure
- Available with 0-10V inputs for dimming down to 10%

**Over 100,000 Hours L70 Rating**

**-20°C to 40°C Operating Temperature**

**10 YEAR Warranty w/ Labor**
Enhancing the style of your interior space, this low-profile fixture is ideal for under cabinet and cove lighting applications.

The low-profile AGILIS fixture takes under cabinet lighting to the next level with innovative LED technology. Fitted with TemperSWITCH, the AGILIS can conveniently change between color temperatures to fit a wide variety of interior settings. This powerful LED under cabinet fixture hides better than conventional under cabinet lighting, producing crisp, dimmable white light that outperforms halogen competitors and lasts 50 times longer. The AGILIS features top-quality LEDs and a frosted tempered glass lens to provide balanced illumination to your interior space.
• Tool-free access to wiring compartment
• Magnetic lens closure secures cover without clips that can bend or break
• TemperSWITCH allows for interchangeable color temperatures 3000K, 4000K, 5000K

**Lasts**

**50X**

Longer than Halogen

**12” to 32”**

Size Available

**10 YEAR**

Industry-Leading Warranty
DLED-AFK4
4” NON-IC Architectural Frame-in Kit
Wattage Range: 14-23, Lumen Range: 950-1740
• Aluminum extruded heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
• ETL Listed. CA Title 24.

DLED-AFK6
6” NON-IC Architectural Frame-in Kit
Wattage Range: 14-30, Lumen Range: 950-2240
• Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflectors may be provided with black and white milled groove baffle collar.
• ETL Listed. CA Title 24.
All our Products are:

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DLED-SQ
5" and 6" Square Architectural Downlight
Wattage Range: 16-30, Lumen Range: 1360-2550
• Light engine and driver are replaceable through aperture below ceiling.
• Semi-matte diffuse lower reflectors under the upper reflector.
• 20 gauge CRS black painted 5"x5" (or 6"x6") square aperture housing adjusts for ceilings up to 1-1/4" thick.

DLED-AFK8
8" NON-IC Architectural Frame-in Kit
Wattage Range: 14-45, Lumen Range: 960-3340
• Driver feature power factor >.90, THD <20% and has integral thermal protection to sense over temperature or internal failure.
• ETL Listed. CA Title 24.

DLED-AFK9
9" NON-IC Architectural Frame-in Kit
Wattage Range: 14-45, Lumen Range: 940-3370
• Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
• ETL Listed. CA Title 24.

DLED-CFK4
4" NON-IC Frame-in LED Kit
Wattage Range: 14-23, Lumen Range: 950-1740
• Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
• ETL Listed. CA Title 24.

DLED-CFK6
6" NON-IC Frame-in LED Kit
Wattage Range: 14-30, Lumen Range: 950-2240
• Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflector may be provided with black and white milled groove baffle collar.
• ETL Listed. CA Title 24.

DLED-CFK8
8" NON-IC Frame-in LED Kit
Wattage Range: 14-45, Lumen Range: 960-3340
• Driver feature power factor >.90, THD <20% and has integral thermal protection to sense over temperature or internal failure.
• ETL Listed. CA Title 24.

DLED-CFK9
8" NON-IC Frame-in LED Kit
Wattage Range: 14-45, Lumen Range: 940-3370
• Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
• ETL Listed. CA Title 24.

DLED-SQ
5" and 6" Square Architectural Downlight
Wattage Range: 16-30, Lumen Range: 1360-2550
• Light engine and driver are replaceable through aperture below ceiling.
• Semi-matte diffuse lower reflectors under the upper reflector.
• 20 gauge CRS black painted 5"x5" (or 6"x6") square aperture housing adjusts for ceilings up to 1-1/4" thick.
DLED-SR5
*5” COB LED Surface Cylinders*
Wattage Range: 14-23, Lumen Range: 950-1790
- Durable aluminum extrusion, heat sink integrated with COB (chip on board).
- Inner reflector provides more light and improved beam distribution.
- ETL & cETL Listed.

DLED-SR8
*8” COB LED Surface Cylinders*
Wattage Range: 14-30, Lumen Range: 960-2280
- Round, seamless .060 thick, spun aluminum housing available in semi-matte white, black or silver finish.
- Aluminum casted bracket secured to housing cross-bar by set screws.
- ETL & cETL Listed.

DLEDH-S8
*For 8” Square Aperture, COB Chip*
Wattage Range: 14-26, Lumen Range: 1190-2210
- Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
- ETL Listed. CA Title 24.

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DLC Listed (Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl)
Select-A-Watt (Please contact representative for specific Select-A-Watt wattages)
High CRI Option
DECO Lighting offers a custom retrofit solution for your existing lighting system, allowing you to enjoy the energy savings of LED technology while keeping those unique, cherished light fixtures you have invested in.

While DECO can retrofit nearly any existing fixture, here are a few fixture types we commonly retrofit:

- Canopy
- Shoe Box
- Flood
- Troffers & Parabolics
- Cobra Head
- Bollards
- Area Lights
- Post Top
As part of DECO Lighting’s commitment to green technologies, we have instituted a process of retrofitting existing incandescent, HID and fluorescent outdoor luminaires to LED.

We are aware that many businesses have invested a significant amount of money into their existing lighting fixtures. DECO Lighting offers a low-cost solution which allows you to keep the original fixtures you purchased while using our expertise to retrofit them to new, energy-saving LED.

DECO Lighting has developed a revolutionary LED board that dissipates heat faster and more efficiently than any other product on the market. Combined with this patented technology, DECO uses the surface area of your existing fixture as a heat sink, eliminating the cost of producing an expensive, separate heat sink for each fixture.

**How do you get started?**

**Step: 1**  
Email DECO a photograph of your existing fixture and provide the wattage. DECO will provide the conversion value for the wattage of your existing fixture to LED.

**Step: 2**  
Send DECO a sample of one of your fixtures. We will build a custom LED retrofit kit that meets the specifications of your fixture and install it to ensure compatibility.

**Step: 3**  
DECO returns your fixture with the customized kit that meets your fixture’s specifications for your inspection. After your approval, DECO will build the appropriate number of retrofit kits and send them to you with a complete set of installation instructions.

DECO Lighting is the only manufacturer of its kind that backs its products with a 10-year warranty on parts AND labor. The custom-engineered LED retrofit kit you receive for your fixtures is comparable to the LED engine we install in our new products, effectively converting your old technology to LED smart technology.
DECO Lighting’s Game Over Retrofit Kit features a modern architectural design and provides several options for upgrading troffers or parabolics to LED. G-O kits enhance the aesthetics of any building with 3 different lens options; including Perf Basket, Architectural Narrow, and Wide Lens, that complement the beauty and shape of an indoor space. The G-O Kit is DLC listed in a variety of wattages and color temps from 3000K to 5000K. The fixture carries a lifetime of 219,000 hours and 85 CRI.
LINEA
A family like no

Tube-Free Linea Retrofit Kits are revolutionary by design, the first of their kind, and the best environmental option for upgrading fluorescent troffers and parabolics.

Performance
DECO’s Linea Retrofit Kits feature up to 75% power consumption reduction when compared with fluorescent tubes, performing at an extremely efficient 110 Lumens/Watt. Bring the brilliant and refreshing illumination of the great outdoors into your workspace. Experience color as it was meant to be seen with 85 CRI. LEDs run cool (as low as 33°C) with this highly effective thermal management technique. Produces over 219,000 hour (25 yrs operating 24 hours per day, 50 yrs operating 12 hours per day) calculated LED Lifetime (Energy Star TM-21 Worksheet).

No Waste!
DECO Kits recycle the existing troffer housing as a heat sink. This means less environmental waste or costly manufacture of heat sink and no need to dispose of existing troffer housings.

Simple Installation
Take out existing lamps (and ballast), place in LED boards, connect wiring, and close up existing door frame. It’s actually that easy.

Economical
The lean product model of the DECO LED Retrofit Kit allows an economical price point and a quick ROI. Plus an energy savings margin of up to 70% over existing fluorescent fixtures.

Utility Rebate
DECO’s LINEA Kit model is on the DLC Qualified Products List, meaning they meet stringent standards of performance and are eligible for utility rebates. In many cases rebate programs will cover between 20-60% of the up front cost of the kit -- in some cases as much as 60-100%. Contact your DECO Representative or local utility company to discuss active programs and learn more.
LINEA-CB-LED
Direct/Indirect Center Basket Retrofit Kit
Available in sizes of 2’x 2’ or 2’x 4’

LINEA-HB-LED
High Bay Retrofit Kit
Converts a fluorescent high bay fixture in just minutes
Replaces 4 lamp 54W T5 / 6 lamp T8 32W fluorescent high bay
or 6 lamp 54W T5 fluorescent high bay

LINEA-LED
Troffer and Parabolic LED Retrofit Kit
Upgrades existing fluorescent troffer and parabolic fixtures
Available as a 1’x 4’, 2’x 2’, or 2’x 4’ kit

LINEA-LED Narrow
Narrow Linea Kit
Narrow version of the standard LINEA-LED retrofit kit
Available in 1’x 4’, 1’x 8’, 2’x 2’, and 2’x 4’ sizes

LINEA-VAPOR-LED
Industrial/ Vaportile LED Retrofit Kit
Retrofit existing two-lamp T8 linear vapor tight fixtures
Available in both 4’ and 8’ sizes
DLED-E-RET-6
6” Downlight Luminaire
Wattage Range: 18, Lumen Range: 1500
• Compatible with 6” housing.
• 80 Lumens Per Watt.
• Dimmable to 1% with Selected Dimmers.

DLED-FRET
Surface Mount Retrofit Kit
Wattage Range: 12-15, Lumen Range: 1060-1240
• 100,000 hrs of lamp life.
• c-ETL listed.
• Patented (Pending in USA) driving circuit to prevent inrush current hurting dimmer switch and module.
DLED-SQ-RET-4
4" Square Downlight Luminaire
Wattage Range: 11, Lumen Range: 850
• Compatible with 4" housing.
• 100,000 Hours with 90% Maintained Lumens.
• 80 Lumens Per Watt.

DLED-ARFK4
4" Architectural LED Retrofit Kit
Wattage Range: 14-23, Lumen Range: 950-1740
• Driver feature power factor >.90, THD <20% and has integral thermal protection
to sense over temperature or internal failure.
• CA Title 24.

DLED-ARFK6
6" Architectural LED Retrofit Kit
Wattage Range: 14-30, Lumen Range: 950-2240
• Designed for use with most existing 6" architectural incandescent, fluorescent and metal
halide housings.
• CA Title 24.

DLED-ARFK8
8" Architectural LED Retrofit Kit
Wattage Range: 14-45, Lumen Range: 960-3340
• Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction
temperature for maintaining constant light output, color and life of solid state components.
• CA Title 24.
DLED-ARFK9
9” Architectural LED Retrofit Kit
Wattage Range: 14-45, Lumen Range: 940-3370
• Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflectors may be provided with black and white milled groove baffle collar.
• CA Title 24.

DLED-RFK4
4” NON-IC Remodel Frame-in LED Kit
Wattage Range: 14-23, Lumen Range: 950-1740
• Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
• CA Title 24.

DLED-RFK6
6” NON-IC Remodel Frame-in LED Kit
Wattage Range: 14-30, Lumen Range: 950-2235
• Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflectors may be provided with black and white milled groove baffle collar.
• ETL Listed. CA Title 24.

DLED-RFK8
8” NON-IC Remodel Frame-in LED Kit
Wattage Range: 14-45, Lumen Range: 960-3340
• Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
• CA Title 24.
**DECO retrofit™**

**DLED-RFK9**  
9” NON-IC Remodel Frame-in LED Kit  
Wattage Range: 14-45, Lumen Range: 940-3370  
- Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflectors may be provided with black and white milled groove baffle collar.  
- CA Title 24.

**STRIP LIGHTING**

**DCH-RET-LED**  
Deco Channel Retrofit Kit  
Wattage Range: 25-60, Lumen Range: 2880-6900  
- LED saves 40-50% over T8/T5HO.  
- Housing die-formed of 24 gauge cold-rolled steel.  
- Attaches to standard Fluorescent Strip lights from 4.25” to 5.25” wide.
Optics are a fundamental component of LED lighting systems, and the optical performance of an LED system determines the overall quality and performance. Our advanced optical designs make Deco luminaires the perfect solution for any lighting application. Indexed to the circuit board to ensure consistent optical alignment, our optics deliver repeatable photometric performance, and their precision-molded acrylic lenses provide optimal luminaire spacing and improved uniformity.

Deco Lighting’s focus on producing clean-energy products is demonstrated through our optical systems, which are Dark Sky compliant, controlling light above 90º and eliminating wasteful up light. These optics will now be applied to several of our outdoor luminaires, such as the D812-LED architectural diamond luminaire, the D824-LED and D826-LED premiere roadway lighting fixtures, and the D816-LED and D823-LED shoebox-style area lights to provide excellent light distribution. Customers will have a choice of four optimized distributions Type II, Type III, Type IV, and Type V. The addition of these optical systems to several of our outdoor products greatly expands our offerings, and, with our high-performing Nichia LEDs and 10-Year Warranty with Labor, Deco will be the go-to place for all outdoor applications requiring specified lighting optics.
Elegance meets performance. The combination of form and function blends together to make Gladetino the premier outdoor lighting fixture.

The Gladetino is a revolutionary LED fixture designed for roadways and parking lots, intended to provide maximum lumen output and beam uniformity. The Gladetino is available in two different form factors with a range of lumen packages and delivers high definition 95 CRI light. The fixture’s performance is accompanied by a wide array of optic types and mounting options for various applications. Additional options like dimming, motion sensing and photocell, paired with an operating temperature of -30° to 55°C, make it the ideal solution for roadways and parking areas.

- Low-profile heat dissipating design allows for maximum lumen output
- 20W-320W packages, replaces up to 1000W metal-halide lighting
- Types II, III, IV, V, Front Row, and Flood optics available

- Up to 40,000 lumens Delivered at 5000K
- Optional 95 CRI for car dealerships
- 7 Mounting Options

40,000 lumens
Optional 95 CRI
7 Mounting Options
Area Lighting

**D801-LED**
*Sphere Top Luminaire*
Wattage Range: 20-120, Lumen Range: 2190-13110
- Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm, yoke or spider mounting.
- Dome shaped, rugged, heavy-gauge, spun aluminum housing, and fully gasketed for weathertight integrity.
- UL 1598 listed for wet locations.

**D803-LED**
*Sphere Top Spider Luminaire*
Wattage Range: 20-120, Lumen Range: 2190-13110
- Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm, yoke or spider mounting.
- Dome shaped, rugged, heavy-gauge, spun aluminum housing, and fully gasketed for weathertight integrity.
- UL 1598 listed for wet locations.

**D805-LED**
*Cylinder Luminaire*
Wattage Range: 20-160, Lumen Range: 2190-17480
- Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm or yoke mounting.
- Cylinder shaped, rugged, heavy-gauge, spun aluminum housing, and fully gasketed for weathertight integrity.
- UL 1598 listed for wet locations.

**D807-LED**
*Cylinder Spider Luminaire*
Wattage Range: 20-120, Lumen Range: 2190-13110
- Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm, yoke or spider mounting.
- Cylinder shaped, rugged, heavy-gauge, spun aluminum housing, and fully gasketed for weathertight integrity.
- UL 1598 listed for wet locations.

**D809-LED**
*Belltino Outdoor Luminaire*
Wattage Range: 20-200, Lumen Range: 2190-21840
- The housing is heavy duty spun and cast aluminum.
- Traditional shaped, rugged, heavy-gauge, spun aluminum housing, and fully gasketed for weathertight integrity.
- UL 1598 listed for wet locations.
D811-LED
Decorative Outdoor Luminaire
Wattage Range: 60-120, Lumen Range: 6560-13110
• Large housing has 18 fins, small housing has 12 fins.
• Rugged, heavy-gauge, spun aluminum housing, and fully gasketed for weather tight integrity.
• UL 1598 listed for wet locations.

D812-LED
Rotondo II- Outdoor Luminaire
Wattage Range: 20-200, Lumen Range: 2190-21840
• Housings display a decorative reveal to give the luminaires a distinct appearance.
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• UL 1598 listed for wet locations.

D814-LED
Contemporary Outdoor Luminaire
Wattage Range: 20-60, Lumen Range: 2190-6560
• The design of the top shade ensures the majority of the light is directed downward.
• The anti-glare ring shields the lamp from direct view.
• Complies with IP65 rating.

D815-LED
Victory Luminaire
Wattage Range: 60-260, Lumen Range: 6560-28400
• Weather tight unit fabricated from aluminum .063” thick, continuous heliarc welded at all seams.
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• One-piece, die formed, heavy-gauge aluminum frame and lens are sealed by gaskets against moisture, bugs, and dust.
### D822-LED
**Prismatic Luminaire**
Wattage Range: 20-80, Lumen Range: 2190-8740
- Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
- Heavy-duty, die-cast and spun aluminum construction.
- Available with acrylic or polycarbonate prismatic reflector lens.

### D827-LED
**High Performance Area Luminaire**
Wattage Range: 80-260, Lumen Range: 8740-28400
- Clear tempered flat glass is standard, and is held in place by galvanized lens retainers.
- Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
- UL 1598 listed for wet locations.

### D829-LED
**Acorn Series**
Wattage Range: 20-80, Lumen Range: 2030-8120
- LEDs are mounted to the inside of the trim which also doubles as a heat sink for optimal heat dissipation.
- A two-piece, post top component which features precise prisms achievable only through injection molding.
- The prisms provide pleasing daytime “prismatic sparkle,” excellent uniformity, light distribution and efficiency for nighttime performance.

### D832-LED
**Victory Luminaire**
Wattage Range: 20-120, Lumen Range: 2190-13110
- Constructed with low copper, aluminum die-cast with opal glass diffuser.
- Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
- UL 1598 listed for wet locations.

### D837-LED
**Pyramid Post-Top Luminaire**
Wattage Range: 20-120, Lumen Range: 2190-13110
- Formed aluminum square housing, hinges up for relamping.
- Gasketed, one-piece, pyramid shaped, clear acrylic lens for broad light pattern.
- UL 1598 listed for wet locations.

### D838-LED
**Cone Post-Top Luminaire**
Wattage Range: 20-120, Lumen Range: 2190-13110
- Round spun aluminum housing, hinges up for relamping.
- Gasketed, one-piece, cylindrical shaped, clear acrylic lens for broad light pattern.
- UL 1598 listed for wet locations.
All our Products are:

Deco Lighting practices a program of continuous product improvement, and as a result product specifications change frequently. We reserve the right to change product specifications without notice. For the latest detailed information on our products, contact Deco or visit our website at www.getdeco.com

**D8624-LED**
**Strada I Cobra Head**
Wattage Range: 30-120, Lumen Range: 3420-13110
- Optional dimming and intelligent control systems capability.
- Copper free certified aluminum alloy suitable for marine coastal environments and harsh climates.
- Electrostatically applied polyester powder coat finish for durability, corrosion and weather resistance.

**DBARN-LED**
**Outdoor Utility Light**
Wattage Range: 40-60, Lumen Range: 4060-6090
- Sturdy die-cast aluminum housing features excellent heat management for long LED life.
- Excellent light placement with minimal glare.
- UL 1598 listed for wet locations

**DBM-LED**
**Black Mamba Cobra Head**
Wattage Range: 30-180, Lumen Range: 3050-19660
- Optional dimming and intelligent control systems capability.
- Copper free certified aluminum alloy suitable for marine coastal environments and harsh climates.
- Electrostatically applied polyester powder coat finish for durability, corrosion and weather resistance.
**Wall Packs**

**D400-LED**  
**Small Wall Pack**  
Wattage Range: 10-40, Lumen Range: 1020-4060  
- Heavy-duty two piece, die-cast aluminum housing.  
- Clear prismatic borosilicate glass refractor is thermal and shock resistant.  
- UL 1598 listed for wet locations.

**D402-LED**  
**Medium Wall Pack**  
Wattage Range: 20-60, Lumen Range: 2030-6090  
- Computer designed for precision formed specular aluminum reflector.  
- Clear prismatic borosilicate glass refractor is thermal and shock resistant.  
- UL 1598 listed for wet locations.

**D404-LED**  
**Large Wall Pack**  
Wattage Range: 20-120, Lumen Range 2030-13110  
- Silicone gasket provides protection against moisture.  
- Traditional shape, rugged, heavy-gauge, and fully gasketed for weather-tight integrity.  
- UL 1598 listed for wet locations.

**D405-LED**  
**Glass Wall Pack**  
Wattage Range: 20, Lumen Range: 1540  
- Rugged die-cast aluminum housing.  
- Clear prismatic borosilicate glass refractor is thermal and shock resistant.  
- UL 1598 listed for wet locations.

**D407-LED**  
**15” Decorative Round Luminaire**  
Wattage Range: 25, Lumen Range: 3000  
- 15” diameter die-cast surface mount housing.  
- An extruded lens and foam backplate gasket are factory installed to cushion against shock.  
- CSA listed for wet locations.

**D408-LED**  
**Directional Wall Luminaire**  
Wattage Range: 10-40, Lumen Range: 1020-4060  
- Constructed from a round, one piece high grade aluminum extrusion.  
- Dark Sky certified when fixture is in down position, uplight is optional.  
- UL 1598 listed for wet locations.

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DLC Listed *(Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl)*  
Select-A-Watt *(Please contact representative for specific Select-A-Watt wattages)*  
High CRI Option
All our Products are:

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**D410-LED**
Low Profile Entry Light
Wattage Range: 10-20, Lumen Range: 1020-2030
- High impact polycarbonate lens and aluminum base with conduit access.
- One piece anodized aluminum reflector for best light efficiency.
- UL 1598 listed for wet locations.

**D411-LED**
Polycarbonate Mini Wall Light
Wattage Range: 20, Lumen Range: 1800
- Great for low entry light applications.
- Dark bronze polyester powder coated finish for impact, corrosion and UV resistance.
- UL 1598 listed for wet locations.

**D414-LED**
Intermediate LED Wall Light
Wattage Range: 20-40, Lumen Range: 2030-4060
- Back plate is corrosion resistant and mounts easily to a 3.5” or 4” outlet box.
- Reflector is specular anodized aluminum and provides precise cutoff.
- Available with acrylic or polycarbonate prismatic lens.

**D415-LED**
Designer Square Wall Light
Wattage Range: 20, Lumen Range: 1600
- Die-cast aluminum housing & front frame.
- Features rounded-square shape and choice of full, eyelid or grid frame lens designs.
- CSA listed for wet locations
D420-LED
Large Trapezoidal Cutoff Wall Pack
Wattage Range: 30-180, Lumen Range: 3050-19660
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• Can be used as an uplight for wall washing applications.
• UL 1598 listed for wet locations.

D421-LED
14” Decorative Round Luminaire
Wattage Range: 20-40, Lumen Range: 2030-4060
• UV stabilized heat and shock resistant borosilicate glass.
• Available in clear or frosted white, both with radial prisms to provide superior illumination.
• UL 1598 listed for wet locations.

D440-LED
Architectural Cylinder Wall Pack
Wattage Range: 20-80, Lumen Range: 2030-8120
• Heat and impact resistant tempered glass lens.
• Heavy duty two piece die-cast aluminum construction.
• UL 1598 listed for wet locations.

D441-LED
Quarter Sphere Cutoff Wall Pack
Wattage Range: 20-60, Lumen Range: 2030-6090
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• Heavy duty two piece die-cast aluminum housing.
• UL 1598 listed for wet locations.

D443-LED
Trapezoidal Performance Sconce
Wattage Range: 20-60, Lumen Range: 2030-6090
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• Integral cast-in aluminum hinges.
• UL 1598 listed for wet locations.

D444-LED
Medium Trapezoidal Wall Pack
Wattage Range: 20-80, Lumen Range: 2030-8120
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• Silicone gasket provides protection against moisture.
• UL 1598 listed for wet locations.
D444-LEDM
Mini Trapezoidal Wall Pack
Wattage Range: 15-40, Lumen Range: 1520-4050
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• Silicone gasket provides protection against moisture.
• UL 1598 listed for wet locations.
• "Turtle-Friendly" Amber lighting fixture.

D445-LED
Mini Full Cutoff Wall Pack
Wattage Range: 20-30, Lumen Range: 2030-3050
• Clear polycarbonate lens for maximum light output.
• Silicone gasket provides protection against moisture.
• High temperature silicone gasket provided to prevent contaminants from entering the fixture.

D453-LED
Horizontal Wall Sconce
Wattage Range: 30-120, Lumen Range: 3050-13110
• Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.
• Sweeping curves and distinctive lines provide a progressive look that enhances the architectural integrity of any site.
• One-piece, die-cast aluminum housing.

D454-LED
Medium FlexPak Wall Pack
Wattage Range: 20-80, Lumen Range: 2030-8120
• Meets IESNA “Full Cutoff” requirements.
• Complete with a CSA approved mounting box rated for 90º supply wire with integral bubble level.
• UL 1598 listed for wet locations.
D455-LED
Large FlexPak Wall Pack
Wattage Range: 120-150, Lumen Range: 13110-16380
• Meets IESNA “Full Cutoff” requirements.
• Complete with a CSA approved mounting box rated for 90º supply wire with integral bubble level.
• Wet location listed for above or below horizontal aiming.

D457-LED
Adjustable Wall Pack
Wattage Range: 20-120, Lumen Range: 2030-13110
• Silicone gasket provides protection against moisture.
• Lens is tempered 1/8” glass, and is available in clear or diffuse.
• UL 1598 listed for wet locations.

D458-LED
Slim Wall Sconce
Wattage Range: 20-60, Lumen Range: 2030-6090
• Up/down dual lighting for indoor or outdoor applications.
• ETL Listed.
• Housing constructed from low copper aluminum cast.

DVTL-LED
Vapor Proof LED
Wattage Range: 13, Lumen Range: 850
• Die-cast guard on the outside of the glass to protect the high power LED.
• UL 8750 listed.
• UL 1598 listed for wet locations.

ERSA-LED
Outdoor Decorative LED Wall Pack
Wattage Range: 11, Lumen Range: 1120
• UV-Resistant polycarbonate lens.
• IP65 Rated.
• UL 1598 listed for wet locations.

VINCI-LED
Wall/Area/Flood Lighting
Wattage Range: 10-80, Lumen Range: 1400-8390
• Meets IESNA “Full Cutoff” requirements.
• IP54 listed.
• UL 1598 listed for wet locations.
The Vinci-LED is a modern style luminaire pairing energy-efficient LEDs with a super durable DECO Guard carbon bronze finish. Built with a sturdy die-cast aluminum housing, the low-profile fixture can withstand extreme climate conditions while maintaining optimal performance. The Vinci is designed for flood, wall, and area lighting applications with architectural aesthetics in mind.

- Available in a variety of color temps and lumen packages from 10W to 80W
- Sealed and gasketed back compartment to protect from outside contaminants
- Ideal in apartment and condo complexes, loading docks, warehouses, and school outdoor areas

0° to 65°C  
Operating Temperature

Over 80  
CRI

10 YEAR  
Warranty w/ Labor
Canopy Lighting

D510-LED
Direct/Indirect Parking Garage Luminaire
Wattage Range: 20-60, Lumen Range: 2030-6090
- Rugged die-cast aluminum housing with one piece silicone gasket.
- Fully silicone gasketed, galvanized steel mounting plate. Mounts to recessed box or pendant mounts to industry standard J-box.
- Lower segmented, anodized aluminum reflector and upper precision injection molded, prismatic acrylic refractor.

D511-LED
Parking Luminaire
Wattage Range: 20-60, Lumen Range: 2030-6090
- Die-cast aluminum construction houses electrical components that are heat sunk for cooler operation and extended component life.
- Provides a low glare, cutoff distribution into the drive lane while pushing light into the stall area.
- Continuously sealed silicone gasketing is provided between the electrical, optical housing and housing door, providing a sealed optical environment impervious to contaminants.

D530-LED
8”x8” square Luminaire
Wattage Range: 10-30, Lumen Range: 1020-3050
- Lens is clear prismatic polycarbonate and UV stabilized.
- One piece silicone gasket seals perimeter to prevent moisture and contaminants from entering the luminaire.
- UL 1598 listed for wet location.

D533-LED
LED Canopy Light
Wattage Range: 40-60, Lumen Range: 4210-6090
- Powder coated aluminum housing.
- UL 1598 for wet locations.
- Robust design for superb durability.

D533-LED-PRO
LED Canopy Light
Wattage Range: 40-80, Lumen Range: 4210-8120
- Powder coated aluminum housing.
- Includes motion sensor for increased energy savings.
- UL 1598 for wet locations.

D533R-LED
LED Canopy Light
Wattage Range: 40-80, Lumen Range: 4210-8120
- Recessed canopy or drive-thru light.
- UL 1598 for wet locations.
- Robust design for superb durability.

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Select-A-Watt (Please contact representative for specific Select-A-Watt wattages)
High CRI Option
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**D534-LED**  
**LED Under Canopy and Garage Light**  
*Wattage Range: 39, Lumen Range: 3960*  
- High quality thermal heat sinks dissipate the LED heat and insure reliable long life.  
- Die-cast housing with polycarbonate lens.  
- Optional weatherproof junction box for conduit entry.

**D536-LED**  
**12”x12” Square Luminaire**  
*Wattage Range: 20-60, Lumen Range: 2030-6090*  
- Lens is clear prismatic polycarbonate and UV stabilized.  
- One piece silicone gasket seals perimeter to prevent moisture and contaminants from entering the luminaire.  
- UL 1598 listed for wet location.

**D537-LED**  
**LED Canopy Light**  
*Wattage Range: 20-60, Lumen Range: 2030-6090*  
- Innovative design luminaire with integral microwave sensor provides bi-level lighting automatically. No need for external sensors, controls, additional wiring or switching components.  
- Provides continuous low level illumination for safety and code compliance for minimum light levels (usually 1 FC in most municipalities) and automatically switches to full illumination when sensor detects vehicles or occupants.

**D538-LED**  
**18”x18” Canopy Luminaire**  
*Wattage Range: 20-120, Lumen Range: 2030-13110*  
- Heavy duty die-cast aluminum housing with high impact borosilicate glass for ultimate light distribution.  
- Borosilicate glass lens is hinged and removable.  
- UL 1598 listed for wet location.
Flood Lighting

**D206-LED**
*Large Flood Light*
Wattage Range: 20-150, Lumen Range: 2200-16380
- Die-cast aluminum housing is lightweight yet rugged.
- Silicone gasket provides protection against moisture and contaminates.
- UL 1598 listed for wet locations.

**D211-LED**
*Medium Round Back Flood*
Wattage Range: 20-80, Lumen Range: 2030-8120
- Rugged cast aluminum “round back” housing protects internal components.
- Silicone gasket provides protection against moisture and contaminates.
- UL 1598 listed for wet locations.

**D220-LED**
*12” Area Light*
Wattage Range: 20-60, Lumen Range: 2190-6560
- Heavy-duty, die-cast aluminum frame is the main load-bearing structure for arm, yoke or spider mounting.
- Box shaped, heavy-gauge, cast aluminum housing, and fully gasketed for weathertight integrity.
- UL 1598 listed for wet locations.

**D230-LED**
*Sports Flood Light*
Wattage Range: 240-450, Lumen Range: 29070-52180
- Upper reflector is directly mounted to the housing, while the lower reflector latches to the upper for easy installation.
- Spun aluminum reflectors with flat tempered glass, gasket and clamp band.
- UL 1598 listed for wet locations.

**D816-LED**
*16” Area Light*
Wattage Range: 20-160, Lumen Range: 2190-17480
- Dark Sky Friendly when used with Type III, V reflectors (at 90° full cutoff position).
- Driver is fully accessible from below the ceiling or wall. Driver is wired for dimming or non-dimming.
- UL 1598 listed for wet locations.

### Notes
- **DLC Listed** (Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl)
- **Select-A-Watt** (Please contact representative for specific Select-A-Watt wattages)
- **High CRI Option**
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**D823-LED**
23” Area Light
Wattage Range: 120-300, Lumen Range: 13110-32760
- Dark Sky Friendly when used with Type III, V reflectors (at 90° full cutoff position).
- Driver is fully accessible from below the ceiling or wall. Driver is wired for dimming or non-dimming.
- UL 1598 listed for wet locations.

**DBLLT-LED**
D Bullet Mini Flood
Wattage Range: 8, Lumen Range: 710
- Heat dissipating fins for optimized thermal management.
- Tempered glass lens, thermal shock and impact resistant.
- UL and CUL listed for wet locations.

**DFLOOD-LED**
Flood Light LED
Wattage Range: 20, Lumen Range: 2030
- RoHS Compliant
- Tempered clear glass lens.
- UL and CUL listed for wet locations.
**Bollards**

**D301-LED**  
*Round Top Prismatic Bollard*

Wattage Range: 18, Lumen Range: 1440  
- Provides 360° of low level lighting.  
- Extruded aluminum housing with flush mounting base.  
- CSA Listed for wet locations.

**D303-LED**  
*Round Top Clear Bollard*

Wattage Range: 18, Lumen Range: 1440  
- Provides 360° of low level lighting.  
- Extruded aluminum housing with flush mounting base.  
- CSA Listed for wet locations.

**D305-LED**  
*Round Top Louvered Bollard*

Wattage Range: 18, Lumen Range: 1440  
- Provides 360° of low level lighting.  
- Extruded aluminum housing with flush mounting base.  
- CSA Listed for wet locations.

**D307-LED**  
*Flat Top Prismatic Bollard*

Wattage Range: 18, Lumen Range: 1440  
- Provides 360° of low level lighting.  
- Extruded aluminum housing with flush mounting base.  
- CSA Listed for wet locations.

**D309-LED**  
*Flat Top Clear Bollard*

Wattage Range: 18, Lumen Range: 1440  
- Provides 360° of low level lighting.  
- Extruded aluminum housing with flush mounting base.  
- CSA Listed for wet locations.

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**Select-A-Watt** (Please contact representative for specific Select-A-Watt wattages)  
**High CRI Option**
D311-LED
Flat Top Louvered Bollard
Wattage Range: 18, Lumen Range: 1440
• Provides 360º of low level lighting.
• Extruded aluminum housing with flush mounting base.
• CSA Listed for wet locations.

TRON-LED
Tron Architectural Bollard
Wattage Range: 20, Lumen Range: 1540
• Provides 360º of low level lighting.
• Extruded aluminum housing with flush mounting base.
• CSA Listed for wet locations.
Heavy-duty durability paired with architectural design.

The bold Tron architectural bollard provides crisp, uniform light while eliminating shadows and scalloping in all pathway applications. The Tron is built from the ground up for entryways, parks, schools, apartment complexes, municipal buildings, shopping malls and other exterior commercial and residential areas.
D-BULLET
Outdoor Architectural LED Landscape Lighting
Wattage Range: 7, Lumen Range: 720
• Precision machined aluminum.
• Adjustable accent light that is a great source of light in uplight or downlight applications.
• UL 1598 listed for wet locations.

DSL-LED
Sign Lighter
Wattage Range: 35-90, Lumen Range: 3560-9830
• Channel and body constructed of .062 formed aluminum
• End plate gasketed with polyurethane foam weather stripping material.
• UL 1598 listed for wet locations.
Deco’s new stocking program features several of our innovative LED solutions including LED wall packs, LED canopy lights, and LED flood lights. Also included in the program is our 2’x2’ and 2’x4’ LED Retrofit Kit, one of several cutting-edge retrofit kits featured in Deco’s Linea Series.

Deco Select Stocking Distributors enjoy:

- Special pricing
- Guaranteed sale
- Marketing spiffs and other counter salesmen incentives
- Volume incentive rebates
- Quick shipping
- A generous sample policy
- A beautiful Deco Lighting floor display (a $1200 value for free)

Please contact your local Deco Lighting representative to become a Deco Select stock distributor today!
RESOURCES

lighting facts

The U.S. Department of Energy (DOE) created the LED Lighting Facts program to assure decision makers that the performance of solid-state lighting (SSL) products is represented accurately as products reach the market. Sensitive to the setbacks that plagued consumer adoption of other new technologies, DOE developed the LED Lighting Facts program to manage user expectations and prevent the exaggerated performance claims that are often prevalent with new technologies.

Anatomy of the Label

- **Light Output (Lumens)**: Measures light output. The higher the number, the more light is emitted.
- **Watts**: Measures energy required to light the product. The lower the wattage, the less energy used.
- **Lumens per Watt (Efficacy)**: Measures efficiency. The higher the number, the more efficient the product.
- **IESNA LM79-2009**: Industry standardized test procedure that measures performance qualities of LED luminaires and integral lamps. It allows for a true comparison of luminaires regardless of the light source.
- **IESNA LM-79**: An IESNA-approved method for taking electrical and photometric measurements of solid state lighting products. It covers total flux (light output), electrical power, efficacy, chromaticity and intensity distribution. The five required metrics on the LED Lighting Facts label come from LM-79 test results.

**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.

**Title 24** is the reduction of energy use for homes and commercial buildings. Energy efficiency reduces energy costs, increases reliability and availability of electricity, and reduces impacts to the environment, meaning that many building projects must comply with Title 24 standards and submit an energy report before they can be approved.

Select-A-Watt technology ships standard with several DECO Digital LED fixtures, giving the flexibility to adjust a fixture’s wattage on the fly during installation or any time thereafter. Fixtures featuring Select-A-Watt drivers are shipped at the highest setting by default and can be changed to the desired wattage level in the field.

LM-79
LM-79 is an IESNA-approved method for taking electrical and photometric measurements of solid state lighting products. It covers total flux (light output), electrical power, efficacy, chromaticity and intensity distribution. The five required metrics on the LED Lighting Facts label come from LM-79 test results.

LM-80
LM-80 is an IESNA-approved method for measuring the lumen maintenance of LED packages, arrays and modules (i.e., the LED light source) at various temperatures. It specifies a minimum testing period of 6,000 hours, although 10,000 hours is preferred, and it requires testing at a minimum of 1,000-hour increments. LM-80 provides no determination or estimate of expected life or lumen maintenance beyond the test data.

TM-21
TM-21 provides guidelines for using LM-80 data to estimate the light source lumen maintenance beyond the LM-80 test period. LM-80 and TM-21 are designed to work hand-in-hand, with TM-21 using the LM-80 data, along with temperature performance data, to project the lumen maintenance of an LED light source.

DLC is a collaboration of utility companies and regional energy efficiency organizations with the goal to ensure that high-quality, energy-efficient lighting design becomes commonplace in all lighting installations. To find out more about DLC and which Deco Lighting products are listed, visit www.designlights.org.

UL determines that a manufacturer has demonstrated the ability to produce a product that complies with UL requirements with respect to reasonably foreseeable risks associated with the product. Basically it means that UL and CUL approved products are safe to use.

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.
**HID to LED Conversion**

Interested in upgrading from HID to LED lighting? Use the conversion table below to get a general idea of what wattage LED fixture will replace your current lighting system. Lumen output and overall performance can vary widely by fixture, so please contact our factory or your nearest sales rep regarding specific questions on what wattage will best suit your desired space and application.

<table>
<thead>
<tr>
<th>DELIVERED LUMENS</th>
<th>LED</th>
<th>HID REPLACEMENT</th>
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<tr>
<td>31200lm</td>
<td>240W</td>
<td>1000W</td>
</tr>
</tbody>
</table>

Please note: Higher lumen output of a fixture does not always make the space brighter. HID fixtures are omnidirectional, meaning that as much as 50% of mean lumen output is lost upwards within the fixture housing and only 50% is directed downward to the task area. LED lighting is fundamentally directional, so once initial losses are accounted for, the mean lumen output is directed fully at the task area and not upwards back into the fixture housing. In addition to this, a 400W metal-halide fixture actually consumes around 454W at the system level, decreasing its total efficacy. Mean lumen output is calculated as being the lumen output at 40% lifetime, 8000 hours for metal-halide and 40,000 hours for DECO Digital LED products.

**The Math Behind the Conversions**

**HID** – 400W (454 actual system watts) metal-halide is commonly rated at 32,000 lumens initial. Mean lamp lumens at 65% comes to 20,800 lumens and an optimistic fixture efficiency of 70% means the fixture delivers 14,600 actual lumens to its task area at mean lamp life of about 8000 hours.

**LED** – 120W fixture (often running at lower than 120 watts) running top-quality Nichia LEDs has an example delivered efficacy of 130 lumens per watt. It outputs roughly 15,600 lumens early in its life and this will decrease to about 14,800 lumens at mean fixture life of about 40,000 hours.

**MacAdam Ellipse**

A MacAdam ellipse is a region on a chromaticity diagram which contains all colors which are indistinguishable, to the average human eye, from the color at the center of the ellipse. This measure helps to establish the variability in color a light source can exhibit before a general observer will notice the shift in color. Each standard deviation out from the target center is referred to as a MacAdam step, with ANSI recommending that lamp manufacturers stay within a “4-step” ellipse. This 4-step MacAdam minimum requirement means that lamp manufacturers are given a great deal of allowance regarding the perceptible differences in color properties of their fixtures versus what they advertise.

Deco Lighting uses only the finest LEDs made by Nichia, the world’s largest LED manufacturer. The Nichia LED is considered the Rolls Royce of LEDs. Featuring a 3-step MacAdam ellipse, the tightest binning in the industry, Nichia LEDs are held to a higher standard than minimum industry requirement and don’t color-shift like fixtures utilizing lower quality LEDs.