Lighting Science Group

Lightfair 2011
It is Time.

There is a new lighting experience on the market today. Lighting built with great care and commitment. Lighting that joins new materials, new technology, and traditional values into a platform of unmatched engineering.

Every detail of our products is carefully designed for optimum performance and the ability to deliver on the promise of LED Technology.

We’ve waited long enough. The modernization of lighting has begun and the leader has emerged to show the way. It’s time for a change. It’s time to stop thinking about lighting in its traditional form.

We are Innovation. We are Technology. We are Lighting Science Group.
See what LSG has to offer at a glance! Areas are color coded according to their application and style.
The Lighting Science Group Infrastructure LED luminaires marry architectural form with energy efficiency, long life and excellent light distributions.
Roadmaster
Roadmaster breaks the paradigm of LED roadway lighting with utility features, specification grade performance and breakthrough value.

Roadmaster Features
- 40%+ energy savings over traditional 100 watt HPS cobraheads
- IP65 Rating
- 2 or 4-bolt mounting
- Lineman friendly installation features
- Multiple control offerings

Prolific Series
Low Profile and High Performance, the Prolific Roadway Series enables cities to transition to high efficiency LED systems without sacrifice.

Prolific Roadway Series Features
- Replaces 250-400 Watt HID systems with energy savings of over 40%
- 60,000 hour life
- Multiple distributions
- Toolless electrical access

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LSR Features
- Four models that replace 70-200 watt HID systems with energy savings over 40%
- 60,000 hour life
- Cool running holistic thermal design
- Tool-Less electrical access
- 2 or 4-bolt mounting
- Six high performance distributions

DBR Features
- Replaces 250-400 Watt HID systems with energy savings of over 40%
- 60,000 hour life
- Multiple distributions
- Toolless electrical access
C2D LowBay

The first in the Series is the C2D LowBay which is optimized for parking garage and other lower mounting height applications.

LowBay Features

- Replaces 150-175 watt HID systems with energy savings exceeding 50%
- Quick mounting platform for ease of installation
- IP65 rated for complex environment applications
- Low profile architectural form in family platform
The C2D Family
The first and only complete modular family of architectural site & area lighting developed entirely with LEDs. C2D provides designers with unlimited options to illuminate and enrich architecture for site and area lighting applications.
Decorative PostTop
Traditional form with leading edge performance and maintenance friendly features, the Acorn and Lantern Series are seamless replacements for dated HID systems allowing cities and utilities to immediately capture the benefits of LED while maintaining and improving the aesthetics of their streetscapes.

Acorn Features
- Replaces 100-175 watt HID systems with energy savings over 50%
- High performance, low brightness distribution for streetscape performance
- Asymmetrical and Symmetrical distributions

Lantern Features
- Replaces 100-175 watt HID systems with energy savings over 50%
- Utility friendly platform
- Easy access terminal Block
- Accepts NEMA PCR
Industrial HighBay
Breaking LED light output barriers for industrial applications, the IHB series is IP65 Rated and is ideal for cold storage and other complex environment applications.

Features
- Replaces 250-400 watt HID HighBays with energy savings over 50%
- Pendant, hook or gripple mount
- Square distribution ideal for area lighting applications
- Optional motion sensor
Integrating technology and design for client-specific LED lighting solutions, the Advanced Projects Group works with lighting designers, architects, and artists to realize their vision, bringing innovation to imagination with unique installations and applications.
**PriZmaline Series**

Breaking performance barriers in color wash applications, the PriZmaline product line raises the bar in terms of efficacy and control. Most products feature either wireless or wired control with full DMX capability, the multiple forms and optical distributions allows the PriZmaline series to act as the ultimate lighting instrument for either indoor or outdoor applications.

**Wall Wash**

**Features**
- High efficacy RGBW platform
- Adapts to standard J-box applications
- Fully scalable with multiple luminaires
- Wet location listing
- Dedicated RF remote

**Z1 Features**
- High efficacy RGBW control in a small platform
- Wired or wireless control with DMX capability
- Available in 8, 10, 23 and 41° beam patterns
- Wet location listing

**Z2 Features**
- High efficacy RGBW control in a small platform
- Wired or wireless control with DMX capability
- Available 8, 10, 23 and 41° beam patterns
- Wet location listing
- Twice the light output than Z1

**Interior Cove**

**Features**
- High efficacy RGBW control in a small platform
- Wired or wireless control with DMX capability
- Modular system ideal for continuous run applications
- Available 120° beam

**Wall Graze Series**

The Wall Graze Series smoothly washes walls and ceilings and features on-board power, wireless control, integrated color correction control and variable CCT.

**Features**
- Symmetrical (10X30, 10X60, 30X60) and Asymmetrical distributions
- High efficacy RGBW platform with adjustable optics
- Wired or wireless control with DMX capability
- Power on board driver
- Modular system ideal for continuous run applications
High Performance lamps and luminaires that are ideal for retrofit into retail, commercial and residential applications. The hallmark of these products is their ability to optimize LED performance while never losing sight of providing superior lighting control and effects.
Symetrie Series
The four unique models of the low profile, high performance Symetrie series make it ideal for lighting display cases, coves, under cabinet and accent applications.

Features
- Four modular form factors for application flexibility and end-to-end mounting
- Low energy consumption at 7 watts per foot
- 50,000 hour life
- Free of UV and IR emission-no product and packaging discoloration

Glimpse Features
- Retrofits into 5”/6” cans or optional surface mount
- 14.5 Watts - 80% Energy Savings over comparable 75 watt incandescent sources
- 2700k or 3000k CCT
- Dimmable down to 5%
- ENERGY STAR qualified

Step Light Features
- 125 lumens at 3 watts
- 3000k CCT
- Mounts to standard J-Box outlets
- Wet location listed

Security Light Features
- 21 watts provides over 80% energy savings
- 25,000 life
- 180 degree motion sensor
Definity Lamps

The performance breakthroughs achieved with the Definity Lamp line are a direct result of an LED system design approach encompassing efficient power supplies, unique thermal solutions, top-tier LED technology, leading edge optical control solutions and rigid binning techniques that result in visually pleasing light sources that seamlessly transition into retrofit applications.
Features

• Long life – Up to 50,000 hours
• Energy Star qualified versions available throughout line to meet Utility rebate requirements
• High CBCP performance with a wide degree of beam patterns
• High efficacy – 40-56 lumens per watt
• Various beam spreads – 15-40 degrees
• Suitable for wet locations (PAR20, 30, 38 Series)
• Dimmable – down to as low as 5% and compatible with most dimmers on the market

• Instant-on with no visible warm up
• High color saturation with CRI’s up to 85
• Range of color temperatures – 2700K - 5000K
• High lumen output – up to 120W equivalent
• Low wattage – 6-24W
• 3-5 year limited warranty
• In most instances, payback in less than a year
• RoHS compliant—contains no mercury or lead
Intelligence by Lighting Science

Redefining control in application, Intelligent Products by Lighting Science are wirelessly enabled to allow them to be seamlessly controlled by a new generation of applications for your mobile device. The ability to turn lights on and off, create scenes and events and track energy usage are just a few of the many capabilities that await.
Let's Get Green

Lighting Science is proud of the sustainable products we design, develop, and produce. We think great light should come without compromise to quality or resources. We know the future is in our hands and the earth is depending on ever smaller footprints. Every watt saved and fixture recycled is a significant step in the effort to renew our planet.