Thu, 21 Jul 2011
9:23 PM

Led High Bay, Led Lamp, Led Energy Savings, High Bay Fixtures

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Light-Emitting Diode

A light-emitting diode (LED) is a semiconductor light source. LEDs are used as indicator lamps in many devices and are increasingly used for other lighting. Introduced as a practical electronic component in

1962, early LEDs emitted low-intensity red light, but modern versions are available across the visible, ultraviolet and infrared wavelengths, with very high rightness.
When
a light-emitting diode is forward biased (switched on), electrons are able to recombine with electron holes within the device, releasing energy in the form of photons. This effect is called electroluminescence and the color of the light (corresponding to the energy of the photon) is determined by the energy gap of the semiconductor. An LED is often small in area (less than 1 mm2), and integrated optical components may be used to shape its radiation pattern.

ELS Energy Efficient
LED Lighting

ELS is a manufacturer of energy efficient LED lighting products.Our LED lamps and fixture reduce lightling energy consumption as compared to traditional lighting sources.Our LED product are a cool lighting source, which reduce maintenance costs of facilities worldwide.ELS LED lamps and fixtures are thoroughly tested for conformity and electrical specifications.Our high brightness LED products are a wide range of environments,such as commercial,industrial,and retail
lighting applications.

ELS
High Brightness 150 watt
LED High Bay
Fixture

The
ELS 150 watt LED High Bay Fixture is a direct replacement for a 400 watt Metal Halide Fixture. This replacement can reduce your energy consumption up to 62% of your current use.

Light
Usage:

Down
Lighting, Industrial, Commercial, Warehouse Lighting
Applications

Typical
features of ELS LEDs include:

High
Lumen Output

UL/RoHS
Certificate Compliant

Expected
Life over 100,000 hours

Cost
of Energy Comparative Analysis

The
annual energy savings of our 150 watt LED fixture compared to a 400 watt Metal Halide fixture. The ELS LED High Bay reduces your overall engergy consumption by 62%.

ELS
PAR38 LED Lamp

The
ELS Par 38 LED Bulb is a direct replacement for Par 38 incandescent or halogen bulbs on the market. Our bulb series consumes only 12 watts. This replacement can reduce your energy consumption up to 85% of your current use.

Light
Usage:

Architectural,
Down Lighting, Exterior Lighting Applications

Typical
features of ELS LEDs include:

High
Lumen Output

UL,
CE/, and RoHS Certificate Compliant

Expected
Life of 50,000 hours

Cost
of Energy Comparative Analysis

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The
annual energy savings of our 12 watt LED lamp compared to a 75 watt Incandescent. As a direct replacement for a Incandescent lamp, our LED lamp consumes only 78% of the energy used by the Incandescent lamp.

Security: Public
Location: Not Specified
Mood: Not Specified
Music: