



LEDStorm™

Commercial Lighting

Brochure

LEDStorm™ Commercial Lighting Solutions

The powerful, cost-saving, alternative lighting solution.

Save 50% - 85% or more in power & maintenance costs.



LED Ceiling Retro Fit



Eyeball High-Hat Retro Fit



LED Acorn Street Light Retro Fit

Capitalizing on the reputation of our film and video products and our continuous stream of new custom solutions, we have a growing repertory of innovative LED modules that we can mix and match. We can retrofit any lighting appliance with LEDs that consume far less power and deliver more lumens than other light fixtures - including LEDs. High wattage street lights can be cost-effectively retrofitted to achieve the same or higher light output with far less electricity. Simple controls can allow end users to change lighting direction, intensities and colors.

We are launching an on-line **LEDStorm** LED Retrofit Clinic for construction professionals (architects, general contractors and electrical contractors) and consumers. Our Retrofit Clinic site contains and offers the same product warranty/return policy as for all of our products. Whether deployed indoors, outdoors or underwater – all **LEDStorm** fixtures deliver the same quality, reliability, longevity, flexibility, ease of use and energy savings.

Visit our website for complete performance and technical data: www.LEDStorm.com

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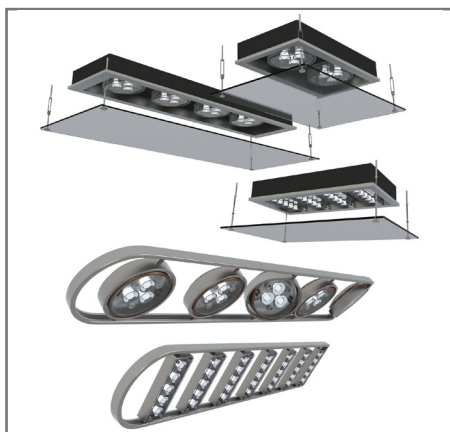
Save 50% - 85% or more in power & maintenance costs.



Retro Fit in Hallway



Retro Fit in Hallway



Additional Retro Fit Designs

Commercial Applications:

- Ceiling, Wall Retro Fit Kits for Kitchen, Living, bathroom fixtures.
- Cost Savings
- Burns cool
- Runs DC power so it is safer
- Control Temp, dimming, colors, on/off timer
- Control via Mobile Device/Wi-Fi
- Multiple form-factors, material fabrication, customized to suit customer's needs.

Residential Applications:

- Ceiling, Wall Retro Fit Kits for Kitchen, Living, bathroom fixtures.
- Cost Savings
- Burns cool
- Runs DC power so it is safer
- Control Temp, dimming, colors, on/off timer
- Control via Mobile Device/Wi-Fi
- Multiple form-factors, material fabrication, customized to suite customer's needs.

Street Applications:

- Acorn Retro Fit
- Cost savings here
- Average lifespan of product (maintenance)
- Installation

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LEDStorm can create fixtures to replace, or retrofit, any conventional lighting source on the market today, saving its clients 50%-85%, and more, on power and maintenance cost. LEDStorm's designs are created with a "Platform" philosophy; our lighting instruments are built with "an eye on the future" (ie: intelligent grid, solar). LEDStorm offers infinite options (color temperature, light output, beam diameter) and control features (seamless dimming, color and color temperature change, power ramping, interactive sensors, and more). Our products can be as simple, or sophisticated, as you desire. In addition, to great savings, using our knowledge in film and television lighting, LEDStorm can actually improve the look of your environment.

LEDStorm, is a company that prides itself on versatility and simplicity. Despite our abilities to produce new sophisticated lighting systems, we are also capable of integrating our technologies by the most efficient means possible, into the existing systems, with little or no change to the current equipment. Our approach maintains the essence of what a true retrofit should be. With this approach, this allows us to create mechanisms and custom features that improve the performance of the lighting fixtures, or overcome specific environmental issues. Even though we can provide complete installation services, LEDStorm encourages the recycling of existing equipment, using established local businesses and the local utility companies, stimulating local employment.

All of LEDStorm's products, made in the USA, are manufactured and assembled at our ISO 9001 certified "Lead-free and "Green" plant, in Massachusetts.

The LEDStorm PL 6 Cobra Head Retrofit kit:

The PL 6 Cobra Head Retrofit is an universal 6"x6" LED panel designed to replace the HPS (High Pressure Sodium) bulbs in standard Cobra Head Style Street lights. With excellent versatility designed into our control boards, this amazing LED fixture can replace the lighting source in Cobra Head fixtures, utilizing the existing equipment, ranging from 100 watts to 400 watts. By utilizing the existing fixture and lens, the LEDStorm PL 6 Cobra Head retrofit can reproduce the required foot-candle output and pattern (based on existing IESNA standards for street lighting), using 50%-80% less energy.

The LEDStorm PL 11 Retrofit kit

The PL 11 Retrofit is an universal 11"x11" LED panel designed to replace bulbs in standard lighting fixtures ranging from 500 watts to 1000 watts. Foot-candle output and pattern can be easily produced to accommodate almost any application.

LEDStorm Fixture	Number of LEDs	Wattage of Fixture (Cobra Head/other) to be replaced	Wattage used by LEDStorm fixture (including max hot run wattage and power efficiency)	Energy saved (watts)
PL 6 Cobra Head Retrofit	16 (with Spot lenses)	100-250 watts	16-32 watts	84-218 watts
PL 6 Cobra Head Retrofit	18 (with Fresnel or Spot lenses)	100-250 watts	16-36 watts	112-214 watts
PL 6 Cobra Head Retrofit	24 (with Fresnel or Spot lenses)	250-400 watts	24-50 watts	226-350 watts
PL 11 Retrofit	60 (with Fresnel or Spot lenses)	500-1000 watts	60-125 watts	440-875watts

Table illustrates amount of Energy saved with replacement of HPS (or other standard) bulbs with LEDStorm LED systems (LEDs (3200K-5700K)).

The LEDStorm Acorn Retrofit kit:

The Acorn Retrofit is a universal fixture, with 6 independent LED panels, designed to replace the bulbs in almost any Acorn Style Street light. Utilizing the original pole, base and globe, this unique design, incorporating LEDStorm’s interchangeable lens system, with complete height and angle adjustment, allows this fixture to focus the spill and throw of light, anywhere (360°) around the fixture. These simple light control features, directing the light exactly where it is needed, reduces “skylight pollution” and improves the aesthetics of the overall environment. In addition, the LEDStorm Acorn retrofit is equipped with heat sensors to protect the fixture from over heating and is set up to add features as ambient light control, power ramping and more.

LEDStorm Fixture	Number of LEDS	Wattage of Fixture (Acorn-Head/other) to be replaced	Wattage used by LEDStorm fixture (including max hot run wattage and power efficiency)	Energy saved (watts)
Acorn Retrofit	12 (Fresnel or Spot lenses)	75-100 watts	12-25 watts	63-75 watts
Acorn Retrofit (demo unit)	18 (Fresnel or Spot lenses)	100-250 watts	18-42 watts	82-210 watts
Acorn Retrofit	30 (Fresnel or Spot)	250-400 watts	30-70 watts	220-330 watts

Table illustrates amount of Energy saved with replacement of HS (or other standard) bulbs with LEDStorm LED systems White LEDs (3200K-5700K). Output and Lensing is determined by the diffusion of the fixtures Globe.