



## The Benefits of LED Lighting



THE PROGRESSIVE REVOLUTION  
EFFICIENT FOR A NEW ERA





VISION  
THE FUTURE



# The Benefits of LED Lighting

Since the EISA decision of 2007, the USA decided to use energy in a manner that is clean, green, and mean. In other words, there is a national commitment and a global awareness that conserving energy, saving the environment, and protecting our country's natural resources while lessening our dependence on outside energy sources are key elements to the future of America. This decision can be applied to any country on the globe. Collectively, humans must learn to conserve, save, and protect the earth upon which we exist. The use of LED lighting contributes to those three goals.

SunView is committed to those same goals. Listed here are some of the reasons to install retrofitted and custom designed LED lighting solutions enabling your company, facility, and community to go clean, green, and mean. These categories can be interchangeable, but are listed here in a general topical manner.

**"Clean" is conserving energy in all forms for current and future use.**

**To enable this, LEDs have the following characteristics:**

- ❖ have 5 times the luminosity and 8 times longer litespan over traditional bulbs
- ❖ do not need to be replaced often
- ❖ robust performance with light usage that exceeds halogen and CFLs
- ❖ are cool to the touch producing almost no noticeable heat
- ❖ have no extra heat to create excess cooling or heating adjustments
- ❖ are easily retrofitted into existing fixtures costing less for installation
- ❖ avoid wasting 90% of their energy in heat loss as do traditional bulbs
- ❖ do not need to be replaced or recycled as often as CFLs or halogens
- ❖ can have a color temperature which is equivalent to warm white incandescent lighting
- ❖ can have a software system for maintenance checking to avoid manual inspection
- ❖ reduce dust and insect accumulation thereby reducing maintenance
- ❖ utilize a cooler technology which reduces strain on current HVAC units
- ❖ reduce air conditioning expense due to no to low heat from LED bulbs
- ❖ SunView LED bulbs have the lowest temperature, lowest wattage, and highest lumens in the industry
- ❖ have 5 times the luminosity and 8 times longer litespan over traditional bulbs
- ❖ **SunView LED bulbs have the lowest temperature, lowest wattage, and highest lumens in the industry**



**“Green” is saving energy and reducing pollutants to assure a sustainable future.**

**To facilitate this, LEDs provide the following benefits:**

- ❖ pose no health hazard in production, installation, maintenance, or disposal
- ❖ provide immediate light when activated
- ❖ life span of SunView LED bulbs are 50,000 to 75,000 hours (75,000 hours equals 9 years at 24 x 7)
- ❖ bulbs can be custom designed by SunView’s expert R&D manufacturing team
- ❖ their use avoids carbon emission
- ❖ no extra EPA costs to dispose of toxic bulbs
- ❖ reduce greenhouse gas emission helping to offset global warming
- ❖ have no ultraviolet or infrared radiation emission
- ❖ contain no mercury, cadmium, or lead components
- ❖ made from aluminum and are 100% recyclable
- ❖ compliant with ‘International Dark Sky Association’ lighting
- ❖ our bulbs are Design Lights Consortium (DLC) certified
- ❖ reduce carbon footprint
- ❖ contain full light color spectrum closest to natural sunshine
- ❖ **SunView LED bulbs have the highest power factor in the industry with a lengthy lifespan**



**“Mean” is protecting the cultural, economic, and social environment in a manner that enables all people to enjoy the benefits of using resources wisely and becoming more independently sustainable. For this, LEDs contribute to the following:**

- ❖ reduce the growth of the U.S. energy demand because LEDs last from 25 times to 75 times longer than CFLs, halogens, or incandescent bulbs
- ❖ using LEDs reduces monthly energy bill costs and lowers energy usage
- ❖ saving nearly \$6 billion dollars in 2015 alone using EISA standards for the 10% nationwide household electricity usage
- ❖ reduction of 14% for electricity cost and less energy use for business lighting nationwide
- ❖ using EISA limitation on the import or manufacture of inefficient bulbs
- ❖ reduction in annual operation cost over past use cost of traditional incandescent bulbs, halogen, or CFLs
- ❖ usually have a ten year warranty and will last 15 to 25 years depending upon use
- ❖ have associated financial programs to make initial installation affordable
- ❖ available federal, state, and utilities benefits, rebates, and/or incentives for energy conservation
- ❖ increase the value of business and real estate assets with proven decreased utility costs
- ❖ in some cases fire insurance premiums can be reduced
- ❖ reduces maintenance costs by eliminating consistent bulb and ballast replacement
- ❖ produces light without heat, UV, or infrared damage
- ❖ can be used with light sensitive objects or in special environments without causing damage or deterioration
- ❖ can render true daylight and other lighting color needs
- ❖ provides enhanced, comfortable lighting for employees and occupants of facility
- ❖ ensures the health of facility occupants and visitors due to no emission of harmful gasses
- ❖ create work for local skilled professionals in installation and maintenance needs
- ❖ work effectively and efficiently in every weather condition
- ❖ can be Wi-Fi-connected and operated from a smartphone
- ❖ are programmable as electronic components to create wireless networks for crime prevention, safety, and emergency response situations
- ❖ have interoperability for use in Smart Street Lighting, Smart City, and Smart Grid future applications
- ❖ **SunView’s LED lighting has the highest output to assure a long life span which saves money and energy**



## COMPANY LOCATIONS

### CHINA: MANUFACTURING AND RESEARCH AND DEVELOPMENT

SunView LED Lighting , LLC  
No. 4 Changsheng Road, South District  
Zhongshan City, Guangdong, 528400 China  
Phone: +86-760-87883077 or +86-760-2388661  
Fax: +86-760-23886660

### USA: CORPORATE AND OPERATION HEADQUARTERS

SunView LED Lighting, LLC  
106 Allen Road, Suite 204  
Basking Ridge, NJ 07920 USA  
Phone: Toll Free 877- 7-SUNVIEW or 877-778-6843  
Local: 908-367-9050

### EUROPE: HEADQUARTERS AND OPERATIONS

Poland – SunView Polska SPZO.O  
ul. Smolenska 49A 85-871 Bydgoszcz Poland  
Phone: +48509302492  
Phone: +48601537508

### FRANCHISE LOCATIONS (USA):

Nevada  
New England  
Northern California  
Southern California