



SUSTAINABILITY  
PRODUCTIVITY  
EFFICIENCY  
FLEXIBILITY  
LONGEVITY

[bigshineenergy.com](http://bigshineenergy.com)

WHAT CAN  
**LED TECHNOLOGY**  
DO FOR YOUR BUSINESS?



AUTO BODY SHOP  
GREAT NECK, NY  
BIG SHINE LED 70W TK1 HIGH BAYS

# THE BIG SHINE PROMISE

Once a customer, always a customer.  
Big Shine Energy promises to deliver lasting support and customer service to our partners. We strive for quality control in our products and are committed to bringing the best in consultation, installation and customer support.



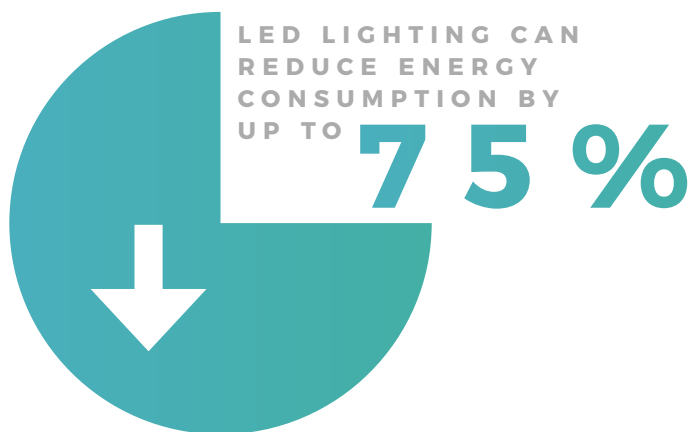
APPLIANCE RETAIL CENTER  
SCHENECTADY, NY  
BIG SHINE LED 50W PANELS



*Energy*

# EFFICIENCY

LED lighting requires a substantially lower amount of energy to operate than any other lighting technology. It generates a higher quality of light and significantly reduces energy costs. As our society advances, it is increasing its energy consumption. Switching to LED lighting reduces carbon emissions and positively impacts the environment. In order to meet the increasing energy demands and reduce the necessity to build more nuclear plants, it is imperative to make this change.



**331 BILLION**

kWh of electricity were used for lighting by the residential and commercial sectors, and manufacturing facilities in 2016. (EIC)

## REBATES & INCENTIVES

The government and private investors are providing monetary incentives to businesses and other institutions who make the change to LED lighting. Big Shine Energy will guide you step by step through the incentive process.

# *Environmental* SUSTAINABILITY

Apart from the compelling differences in efficiency and lifespan, LED lighting is also the greenest solution available on today's market.

01

## **NON-TOXIC**

CFLs contain highly toxic mercury, harmful to people and the environment. LED lights are free of toxic materials and are 100% recyclable, helping you reduce your carbon footprint by up to 33%.

02

## **REDUCED NEED FOR PRODUCTION**

One LED light bulb can save the same amount of material and production it takes to produce 25 incandescent light bulbs. A big step towards a greener future!

03

## **SMALLER CO<sub>2</sub> FOOTPRINT**

Where 30 incandescent light bulbs release about 2500kg of CO<sub>2</sub>, sulfur oxide and nuclear waste per year, LEDs only produce about 200kg annually (92% fewer emissions). LED light bulbs release substantially less CO<sub>2</sub>, sulfur oxide and nuclear waste.

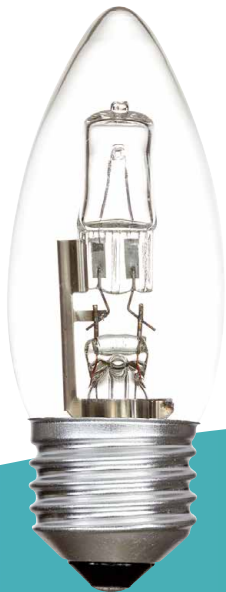
*Consider the increasing threats of global warming and the effects of CO<sub>2</sub> emissions on our planet and personal health. The innovative and efficient technology of LED is by far the greenest lighting solution available.*

*Increased*

# LONGEVITY

When comparing the average life span of conventional halogen and metal halide light bulbs to the innovative technology of LED, it is crystal clear why LED lighting is the best solution. An average metal halide bulb lifespan is approximately 20,000 hours. Halogen bulbs only emit light for about 3,000 hours. Conventional light bulbs and tubes also require regular maintenance. Demanding high energy costs, maintenance costs and operational costs, traditional lighting is a proven drain on resources. LED lighting is virtually maintenance free and has an impressive average lifespan of 50,000 hours. In stark contrast to traditional lighting, the up-front cost of upgrading to LED is returned through incredible energy savings.

*LED bulbs offer substantially longer life  
with maintenance-free, superior lighting  
and guaranteed cost savings.*



**20,000**  
HOURS  
METAL HALIDE



**50,000**  
HOURS  
LED



**3,000**  
HOURS  
HALOGEN

*Design*

# FLEXIBILITY

Our LED lamps and fixtures can easily be combined in various shapes and designs in order to produce highly efficient solutions for commercial, industrial and outdoor lighting. Individual LED lamps and fixtures can be dimmed and both light color and distribution can be dynamically controlled via timers, remote controls, the internet, or your home WLAN. A well-designed LED illumination system can achieve amazing lighting effects that influence not only the eye but also the mood and mindset of human beings. LED mood illumination is already being used in airplanes to allow more natural sleep patterns for passengers, and in classrooms where the right lighting has proven to increase student's learning aptitudes. As dynamically controlled LED illumination continues to be adapted into our society, the standard of everyday life will continue to evolve.

## REDUCED EYE-STRAIN

LED lights can be designed to mimic natural lighting, which reduces eye fatigue over long working hours, having a positive effect on employee health.



## CURB APPEAL

Customers are attracted to bright, beautiful spaces. Illuminate your storefront to garner business while cutting energy costs.

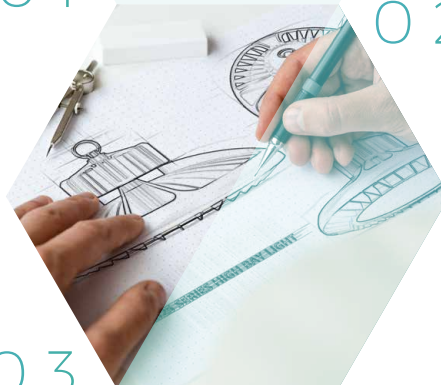


# Big Shine Energy's TURNKEY SOLUTION

## RESEARCH & DEVELOPMENT

Quality control is Big Shine Energy's goal when producing each line of products. Proper research of the application where the products will be used is essential before the manufacturing process.

01



02

## MANUFACTURING

State of the art components that are designed to meet all United States qualifications are produced within Big Shine Energy's global manufacturing centers.

## ENERGY AUDIT

A consultant provides a complete lighting and HVAC evaluation and prepares a clear, detailed project report including a 3D photometric analysis.

03



04

## INCENTIVES & GOVERNMENT REBATES

Big Shine Energy also assists with incentive paperwork, filling out necessary applications to guarantee rebates and savings through available incentive programs.

## PROJECT COORDINATION

All phases of the project are coordinated to meet the needs of the partner to facilitate a smooth installation with little to no business interruption.

05



06

## INSTALLATION

At the scheduled date confirmed with the partner, Big Shine Energy's installers provide friendly and efficient service. Partners can enjoy a better quality of life.

07

## CUSTOMER SATISFACTION

Once a customer, always a customer. After the installation, Big Shine Energy will ensure customer satisfaction by providing timely maintenance and support if needed.



Schedule a free energy audit today.

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