



RESEARCH & DEVELOPMENT  
MANUFACTURING  
LIGHTING AUDIT  
INCENTIVES & REBATES  
PROJECT COORDINATION  
INSTALLATION  
CUSTOMER SATISFACTION



**Turnkey**  
Solution





# #THEBIGSHINEWAY

Big Shine Worldwide, Inc. began as a technology company with a focus on semiconductors. Our 30-year expertise in semiconductor technology helps us provide the highest quality, cutting-edge technology.

We also understand your need to switch to energy-efficient lighting without the hassle of dealing with multiple companies and contractors. That is why at Big Shine Energy, we pride ourselves in our full turnkey solution. We don't have a one-size-fits-all solution but we create engineered solutions to maximize the benefit to our customers.

Big Shine helps the top companies in the U.S. and around the world cross over to more efficient energy means while taking care of every step. Our team of project coordinators, engineers, and technicians all work together to provide you with exceptional service. This is the Big Shine Way.



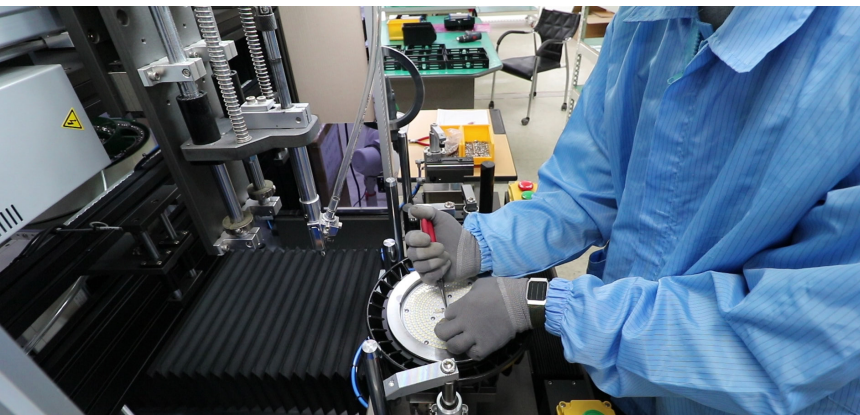
R&D

Manufacturing

# ENGINEERED SOLUTIONS

Big Shine Energy listens to your concerns to develop engineered solutions that satisfy various environments and applications while ensuring the best performance and durability.

Like a perfectly tailored suit, each lighting project is unique. Whether you're concerned about high temperatures, meeting required foot-candles, or brightening up hard-to-reach areas, Big Shine is equipped to address any lighting challenge in your facility.



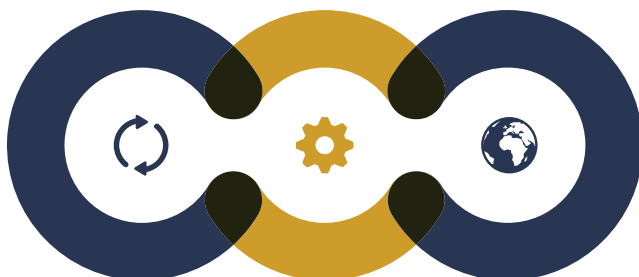
## RESEARCH & DEVELOPMENT

Our R&D Department is a hub for design conceptualization, technological advancement, and collaboration—a place where talent, wisdom, and experience coalesce harmoniously to conceive and create the next generation of LED technology. Behind the polished final products is embedded a culture of thorough testing and the highest standard of quality control to ensure compatibility and performance.



## LED MANUFACTURING

As a subdivision of LED manufacturer Big Shine LED, Big Shine Energy is poised to offer product from the manufacturing plant directly to our customers. This dynamic relationship allows us to control customized specification requests, such as beam angle and CCT. Moreover, our international certifications allow us to cater to a worldwide audience.



Direct Product  
Supply

Custom  
Specifications

International  
Certifications



# EXPERTISE & **STANDARDS**

## **OVERSEEING QC PROCEDURES**

Each phase of our manufacturing process undergoes rigorous quality control to deliver the best results.

1. Big Shine operates Quality Control offices internationally to ensure the highest quality of all products.
2. Big Shine's manufacturing plants are ISO-certified. Our CTO and his team of senior engineers conduct regular site visits to ensure protocols are adequately followed.
3. In addition to certifications, Big Shine plants conduct multiple tests for IK levels, IP rating, vibration resistance, corrosion resistance, etc.

## **EXPERIENCED TEAM OF ENGINEERS**

Led by Chief Technology Officer August Kruesi, our team of engineers is easily accessible to answer any of your questions about our products. With backgrounds in electrical and aerospace engineering, biomedical components, industrial safety, and more, our team is constantly developing innovative lighting solutions for a global market.

## **30-YEAR SEMICONDUCTOR BACKGROUND**

Leveraging a 30-year background in semiconductor technology, Big Shine Energy is at the forefront of high-performance LED technology, adapting to any commercial or industrial environment.



R&D

Manufacturing

Lighting  
Audit

# ACCURATE **ANALYSIS**



## 3D PHOTOMETRIC VISUALIZATION

To ensure we create the appropriate lighting design for your facility, our team of lighting professionals provides you with a 3D model photometric analysis. This helps you visualize the lighting upgrade and calculate fixture specs to ensure that the proposed solution meets foot-candle requirements.



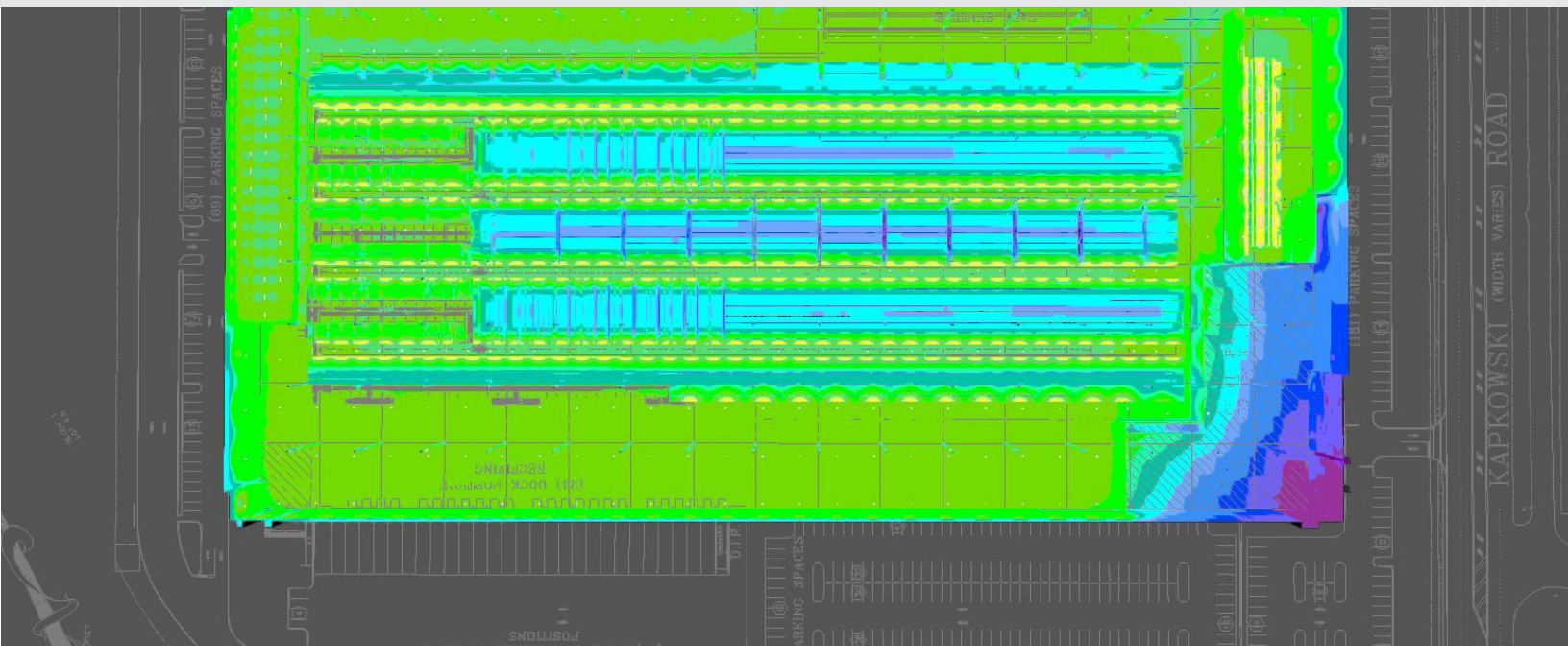
## COMPREHENSIVE LIGHTING AUDIT

Experience in the field has given us valuable insight about the information necessary to create a straightforward and clear solution. We developed proprietary software to allow our consultants to perform accurate and detailed lighting audits.



## MEASUREMENT AND VERIFICATION

We want you to be 100% satisfied with your lighting project. That is why we provide optional measurement and verification (M&V) services using standard best practices according to FEMP.







R&D



Manufacturing



Lighting  
Audit



Incentives  
& Rebates



Project  
Coordination



Installation



# COORDINATION & SUPPORT

We want to ensure minimal disruption to your business operations during your LED retrofit project. Our team of project coordinators works with you to establish the parameters of the installation process.

## FINANCING

We understand the importance of maintaining a positive cash flow for your business. We offer financing options to take even more of the burden off your shoulders. Our team of experts will work with you to find the right plan for you.



## GOVERNMENT

Our elite service extends to the public sector. Our GSA Schedule equips us to provide an array of qualified products to the Federal Government. Our goal is to help as many agencies as possible reduce their energy consumption with sustainable LED solutions.



## INCENTIVES & REBATES

Our incentive department is dedicated to completing your application paperwork, which can be extensive and tedious. Our partnerships with dozens of programs nationwide ensure a smooth process.

Efficiency Maine  
Duke Energy  
Con Edison  
NYSEG  
BGE  
ppl  
Orange & Rockland  
PSEG  
Central Hudson  
SMECO

NJCEP  
Dominion Energy  
Georgia Power  
National Grid  
OPPD  
PECO  
Seattle City Lights  
Tennessee Valley  
Authority  
and more...

## VERIFIED CONTRACTORS

As ISNetworld contractors, we take safety seriously and we'll ensure to meet all of your facility's safety requirements. This has consistently earned us an A rating with our customers.



## INSTALLATION

We work with a team of installers that is unparalleled in experience and efficiency. Held to high standards for work ethic and meeting OSHA and ISN requirements, our installers have been praised for timeliness and diligence, as well as an organized and neat workflow.



R&D

Manufacturing

Lighting  
Audit

Incentives  
& Rebates

Project  
Coordination

Installation

Customer  
Satisfaction

The experience with Big Shine was very productive, very exciting and very well done [...] exceptional customer service.

—Jason Stokes

Managing Partner  
Sportsplex New Windsor, NY

## AFTER-SALE SERVICE

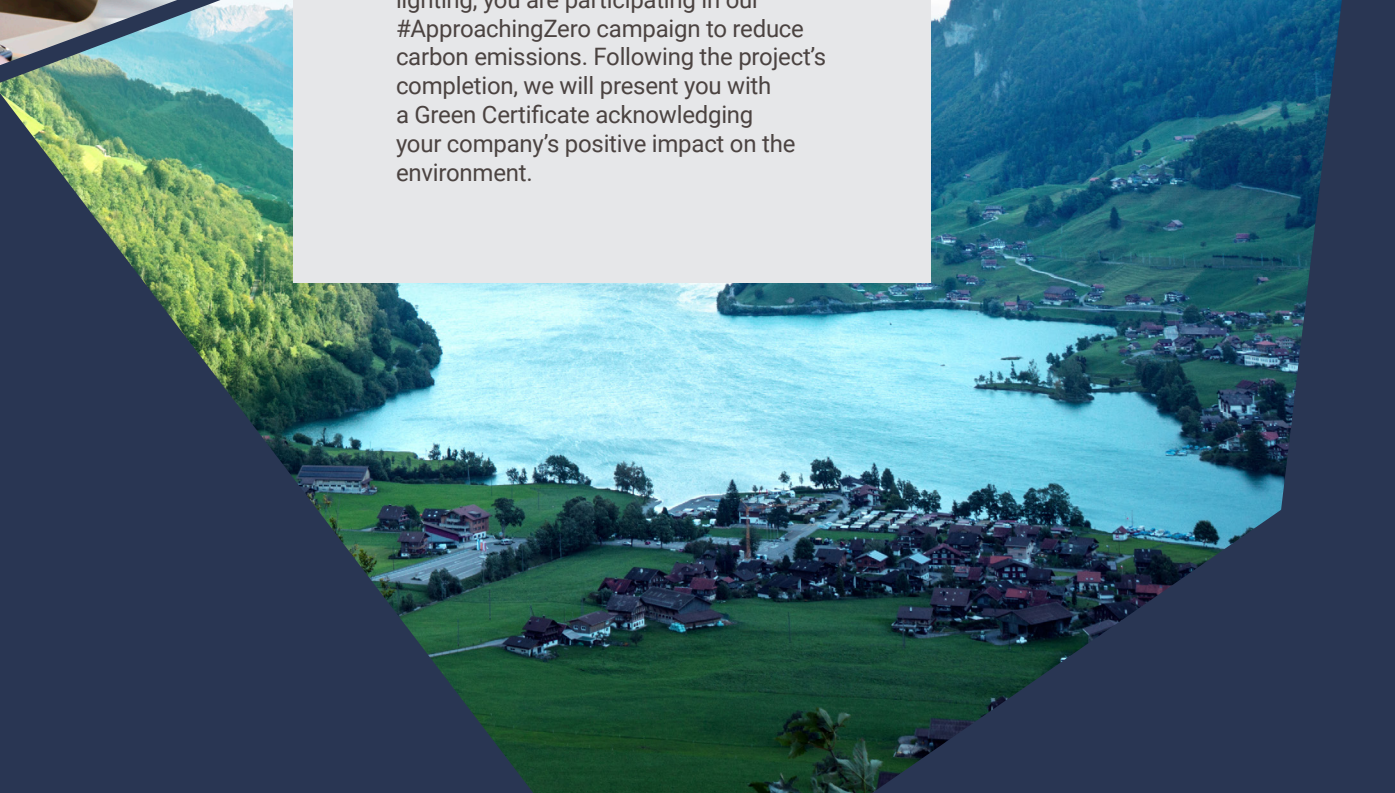
Our dedicated after-sale service department continues to foster healthy communication and will make sure you are able to reach us for any questions or concerns.

## MARKETING BENEFITS

Our marketing department creates case study portfolios for each project, as well as quality testimonial videos to help promote your business upgrade and share with your customers!

## #APPROACHINGZERO

By upgrading to energy-efficient LED lighting, you are participating in our #ApproachingZero campaign to reduce carbon emissions. Following the project's completion, we will present you with a Green Certificate acknowledging your company's positive impact on the environment.





## THE BIG SHINE ADVANTAGE

ENGINEERED SOLUTIONS	Local Electrician	General Contractor	LED Retrofit Company	Big Shine Energy
R&D Center to support innovative lighting solutions				●
LED lighting manufacturing				●
Ability to offer product replacement directly to customers				●
Ability to control customized specification requests, such as beam angle and CCT				●
LED fixtures with international certifications				●
Quality control over manufactured LED lights				●
Easily accessible team of engineers led by CTO				●
30-year expertise in semiconductor field				●
Complimentary 3D photometric analysis of your facility		●	●	●
Proprietary lighting audit software to ensure accurate lighting audits of your facility				●
Dedicated incentive and rebate department		●	●	●
Trade allies with incentive and rebate programs across the U.S.				●
Partnered with multiple financing companies		●	●	●
ISNetworld member		●		●
Dedicated team to coordinate every aspect of your project		●	●	●
Case studies and testimonial videos to help promote your business			●	●
Green Certificate acknowledging environmental impact				●
Measurement and verification services available to ensure proposed savings are met				●
Dedicated after-sale service department				●



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