



**Short Circuit Company**  
For Services And Lighting Solutions



**Short Circuit Company**  
Short Circuit Company

# CATALOGUE

## REACH US

EGYPT OFFICE  
188 El-Haram st - Taawon tower  
Giza  
[shortcircuitcompany.com](https://www.shortcircuitcompany.com)

FACTORY  
6th industrial zone - 6th of october  
Giza  
[scc@shortcircuitcompany.com](mailto:scc@shortcircuitcompany.com)

UAE OFFICE  
Dera - Reqa Albutain - D-302 -  
Office 55



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# ABOUT US

## WHO ARE WE?

For more than eight years, **Short Circuit Company** has established itself as a leader in lighting innovation, providing cutting-edge solutions that illuminate the path forward for its clients. The company's expertise extends beyond lighting, moreover, **Short Circuit Company** also offer comprehensive electromechanical solutions across diverse industries. Backed by a team of highly skilled engineers and technicians

## VISION

Through continuous innovation, and standing on our know-how, we integrate advanced solutions across all aspects of design and implementation. Our vision is to illuminate the path towards a more sustainable nation with efficient and environmentally responsible technologies.

**Short Circuit Company** is providing a wide range of services in lighting and electromechanical work.

The scheme on the right is showing the different specialities that **Short Circuit Company** has succeeded in.

## LIGHTING SOLUTIONS

### 1.1 TECHNICAL SERVICES

#### LIGHTING DESIGN SUPPORT

2D and 3D lighting calculation using DIALUX. And energy saving studies.

#### TESTING AND LIGHTING CONSULTANCY

As **Short Circuit Company** is equipped with the latest technology lab equipment, we are able to:

- Photometric research (2M integrating sphere unit)
- Accelerating ageing research

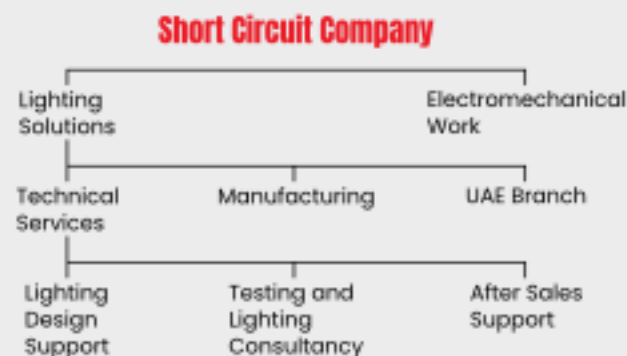
#### AFTER SALES SUPPORT

After sales support, highly trained technical support office.

with extensive experience, **Short Circuit Company** boasts a robust portfolio of services. This ensures we can effectively address the evolving technological needs of our clients in today's ever-changing market.

## MISSION

**Short Circuit Company** is dedicated to relentless innovation, providing clients with pioneering lighting and electromechanical solutions that enhance efficiency, sustainability, and success across diverse industries.



# 32K+

## PIECES OF FIXTURE LIGHTS MONTHLY

Our production capacity for industrial and civil lighting fixtures exceeds an impressive thirty two thousand pieces per month. This demonstrates our commitment to meet the high demands of our customers and ensuring a steady supply of qualified lighting solutions for various sectors.

### 1.2 MANUFACTURING

We offer a variety of high quality products, proudly made by Egyptian hands, according to a very tight quality control system. We offer long guarantee periods, thanks to superior LED chips from the best LED world manufacturers **PHILIPS OSRAM CREE SAMSUNG EPISTAR Sanan** ... etc.,

and a unique **SC driver**, that have special over voltage and over current protection circuits. Also with the special design of high tech, natural convection cooling systems, of die casted aluminum alloys, well designed polycarbonate lenses, in addition to high quality

thermal paste and potting materials, we assure the durability under the cruelest environmental conditions (limitations are shown in datasheet).

### 1.3 UAE BRANCH

Imagine illuminating your dream space with the perfect touch. The UAE branch of an Egyptian company brings the world's finest lighting right to your doorstep. We offer a curated selection of landscape, decorative, and interior lighting fixtures, designed to transform your surroundings.



# FOCUS ON CLIENT TRUST

Short Circuit Company leverages partnerships and certificates from leading Egyptian consultants to ensure continuous development. Furthermore, our commitment to client trust is evident through the rigorous technical testing of their products by both Egyptian governmental organizations and global labs.

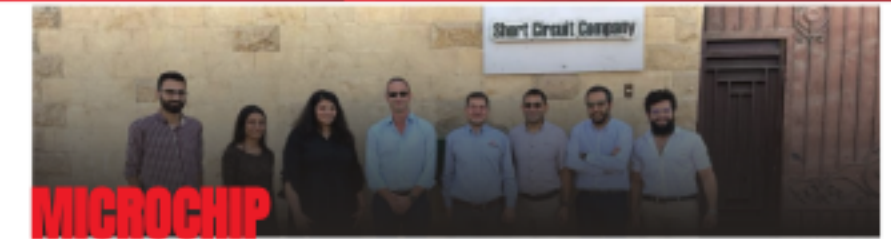


# 13K+

SATISFIED CUSTOMERS

Our products and services have gained the trust of over thirteen thousand esteemed businesses in Egypt, who rely on us for their lighting needs. This solid foundation of trust is a testament to the quality and reliability of our offerings.

## WE WERE FORTUNATE ENOUGH TO FORGE PARTNERSHIPS WITH SOME OF THE MOST RENOWNED GLOBAL COMPANIES



**MICROCHIP**

Microchip, a renowned global company specializing in smart lighting solutions and flash IP solutions, has recently shown great interest in partnering with us. They even took the initiative to visit our factory, demonstrating their commitment to collaborate on the development of our dimming system. This potential partnership holds immense promise for both parties involved.



**OSRAM**

Osram, a global leader in electronic manufacturing, has achieved significant success in the industry. In fact, they have sold over 5 million drivers in 2022. Recognizing our expertise and capabilities, Osram has reached out to us with a proposal for potential collaboration specifically in the driver component of lighting systems. This presents a valuable opportunity for us to contribute our knowledge and resources to create innovative solutions together.



**WOOJONG**

Woojong is a Chinese supplier for the electronic industry, they reached us to seek a partnership in supplying our factory with the parts and electronic components needed for production



# FLOOD LIGHT

## HIGH POWER FIXTURES

Power	From 50W to 500W
Efficiency	Up to 170lm/W
Protection	IP65 IK0.8
LED Chip	PHILIPS OSRAM CREE SAMSUNG EPISTAR. Sanan. NICHIA
Driver	SC Driver PHILIPS OSRAM TRIDONIC LIFUD DOME SUNCOM
CRI	>0.9
Power Factor	>0.95
Dimming	Optional
CCT	2200K 2700K 3000K 3500K 4000K 5000K 6000K 6500K

\* Please contact the technical team to get the specific datasheet



**SC** F134



**ECO** F209



**ECO** F358



**ECO** F424



**ECO** F517



**SV** F632

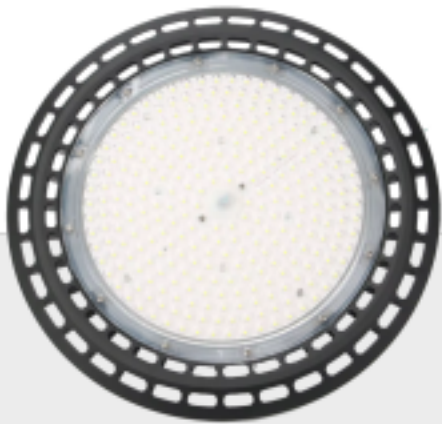
# HIGH BAY LIGHT



**SC** H112



**ECO** H297



**ECO** H338



**ECO** H427



**SC** S170



**ECO** S210



**ECO** S343



**ECO** S459



**ECO** S561



**ECO** S682

# STREET LIGHT



# ARENA SPORT LIGHT

# EXPLOSION PROOF



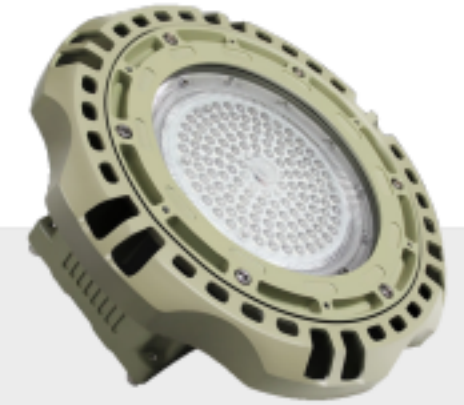
**AS.** A142



**AS.** A263



**EX.** FX133



**EX.** HX146



**AS.** A373

Power	Up to 1500W
Efficiency	Up to 170lm/W
Protection	IP65 IK0.8
LED Chip	OSRAM CREE PHILIPS NICHIA
Driver	OSRAM PHILIPS MWM
Beam Angle	15° 30° 60° 90°
CCT	3000K 3500K 4000K 5000K 5700K 6000K 6500K

\* Please contact the technical team to get the specific datasheet



**EX.** MX277



**EX.** TX124

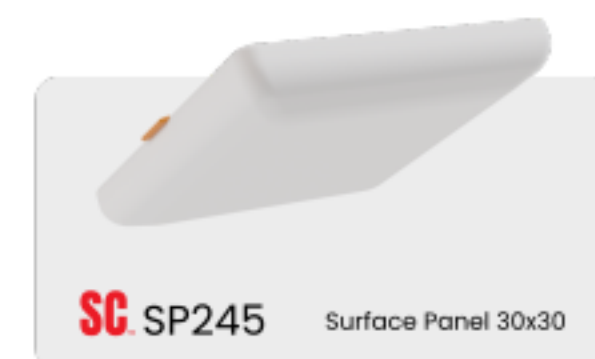
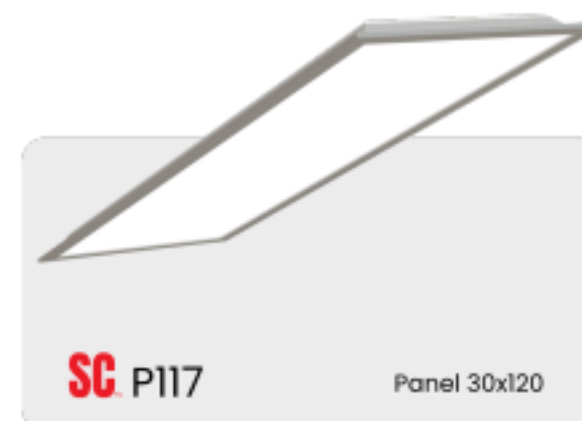


# CEILING LIGHT

# OFFICE LIGHTING

Power	36W / 48W
Efficiency	Up to 130lm/w
Protection	IP54
LED Chip	PHILIPS OSRAM CREE + SAMSUNG EPISTAR. Sanan. NICHIA
Driver	SC driver PHILIPS OSRAM TRIDONIC LIFED DONE SUNCOM
CRI	>0.9
Power Factor	>0.9
CCT	2200K 2700K 3000K 3500K 4000K 5000K 6000K 6500K
Dimming	Optional

\* Please contact the technical team to get the specific datasheet



# SPOT LIGHT



**SC. I102**  
Recessed Spot Light



**SC. I224**  
Recessed Spot Light



**SC. I381**  
Surface Mount Spot Light



**SC. I451**  
Surface Mount Spot Light



**SC. I594**  
Surface Mount Spot Light

Power	Various
Efficiency	Up to 110lm/W
LED Chip	OSRAM CREE+ PHILIPS NICHIA
Driver	OSRAM PHILIPS MW
CCT	2700K 3000K 3500K 4000K 5000K 6000K 6500K

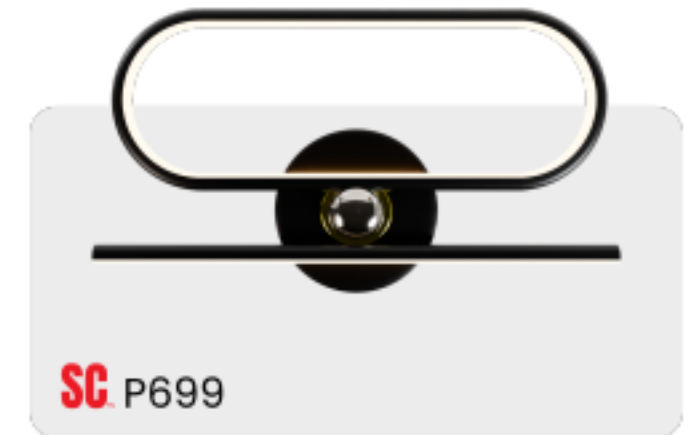
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# COMMERCIAL LIGHTING

# MAGNETIG TRACKS

# WALL APPLIQUE

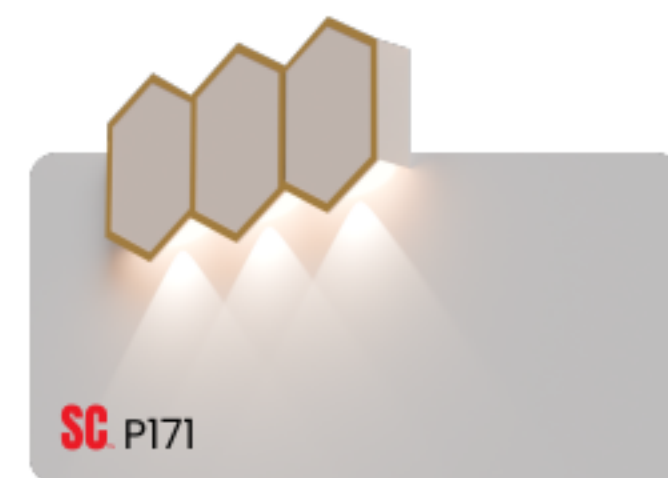
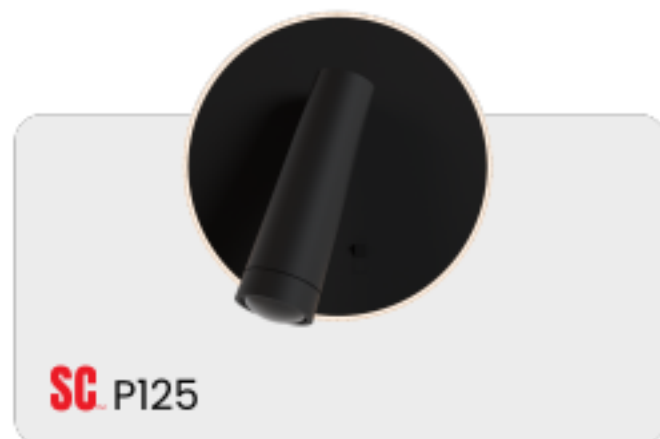
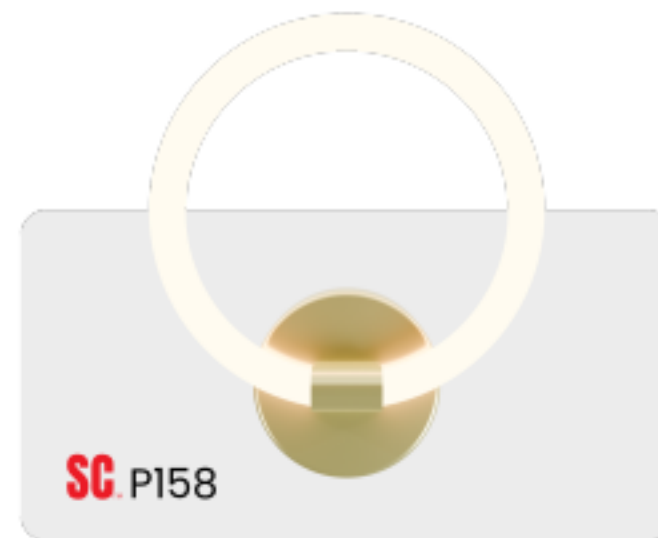
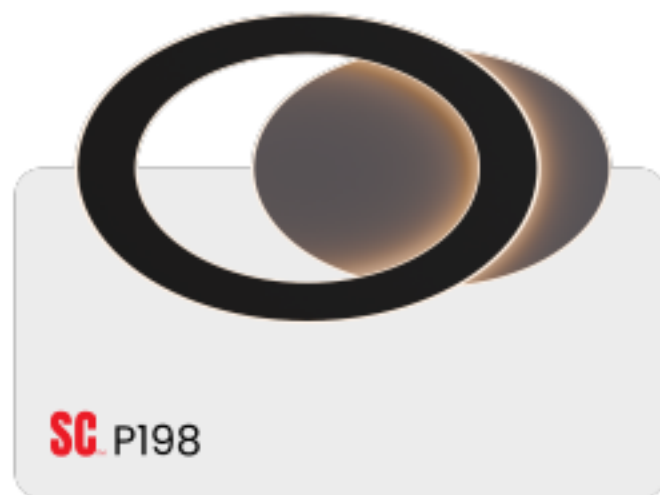




# WALL APPLIQUE

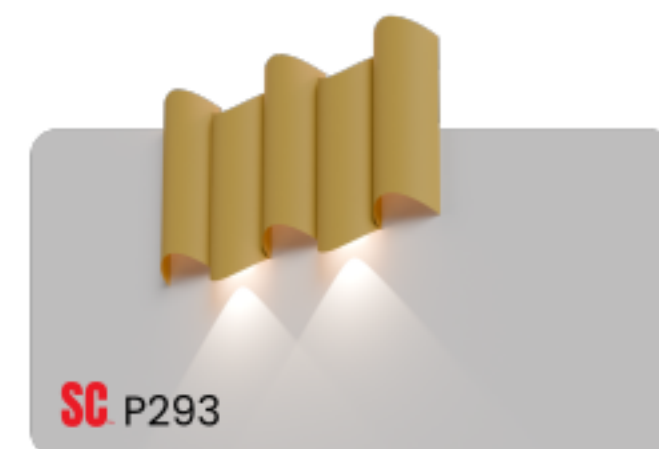
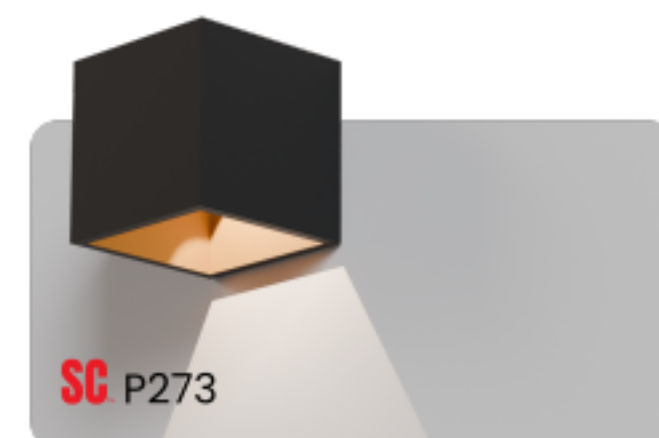
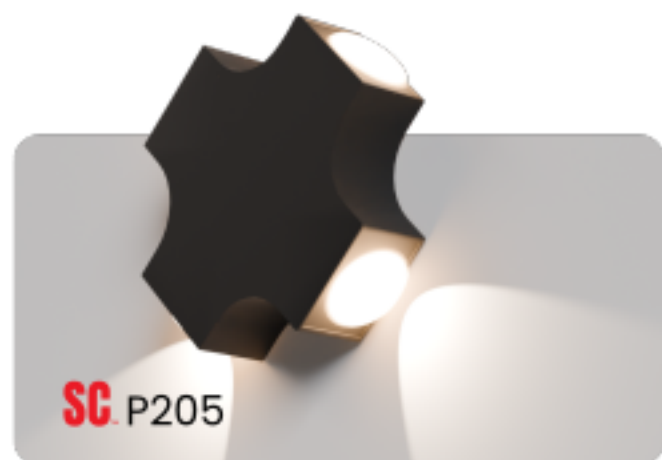
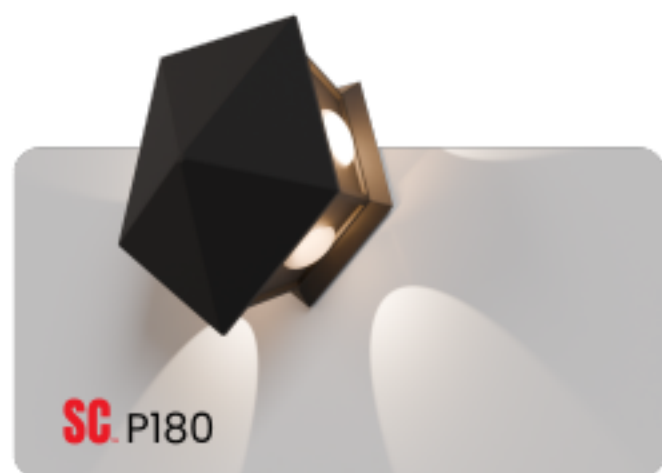


# WALL APPLIQUE





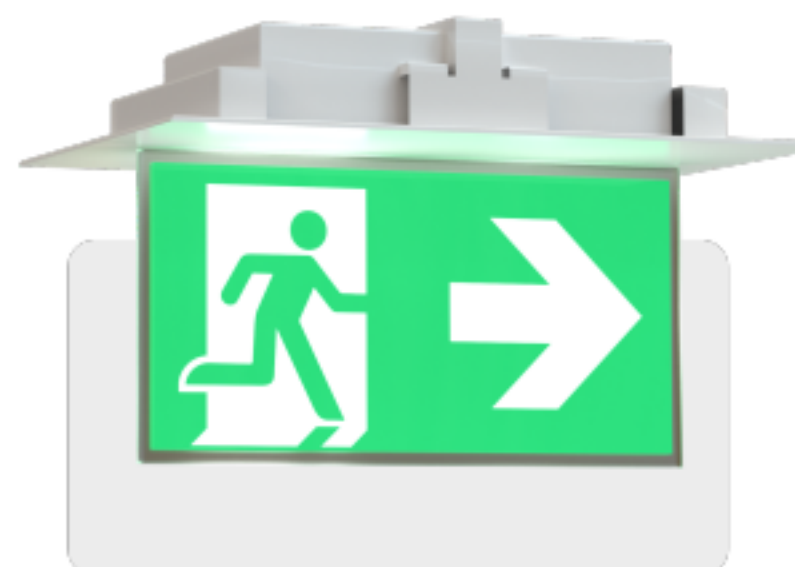
# WALL APPLIQUE



# WALL APPLIQUE

# WALL APPLIQUE

# EXIT SIGN



Input Voltage	AC 220V
Ingress Protection	IP 54
CCT	3000K 6000K
Life time	50,000 hours
Battery	3 hours (Optional)
Side	Double Sided


\* Please contact the technical team to get the specific datasheet



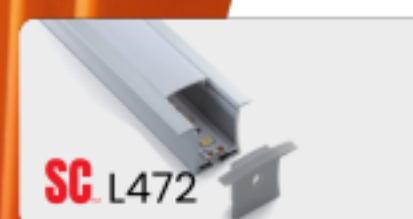
# LED PROFILE

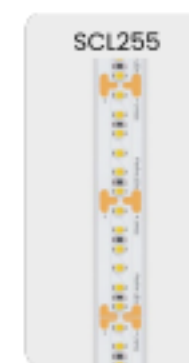
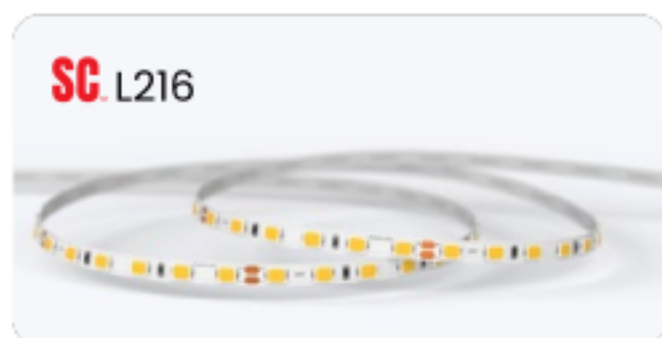


## LINEAR LIGHT

Power	Varies
LED Chip	PHILIPS OSRAM CREE ⇄
Driver	PHILIPS OSRAM 
CRI	>0.9
CCT	2200K 2700K 3000K 3500K 4000K 5000K 6000K 6500K
Dimming	Optional

\* Please contact the technical team to get the specific datasheet









# LANDSCAPE LIGHTING

Power	Various
Efficiency	Up to 130lm/W
Protection	IP65 IK0.8
LED Chip	PHILIPS OSRAM CREE SAMSUNG EPISTAR. Sanan. NICHIA
Driver	SG driver PHILIPS OSRAM TRIDONIC Lifud DONE SUNCOM
CCT	2200K 2700K 3000K 3500K 4000K 5000K 6000K 6500K

\* Please contact the technical team to get the specific datasheet





# SPIKES



**SC** K103  
Spike



**SC** K261  
Spike



**SC** K369  
Spike



**SC** K427  
Spke



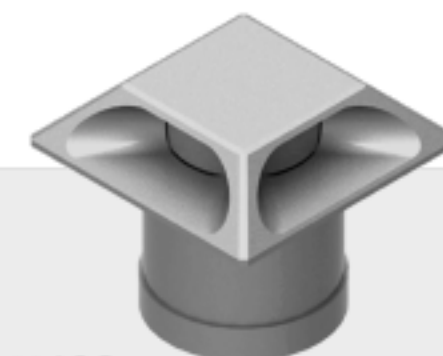
**SC** U184  
Uplight



**SC** U293  
Uplight



**SC** U317  
Uplight

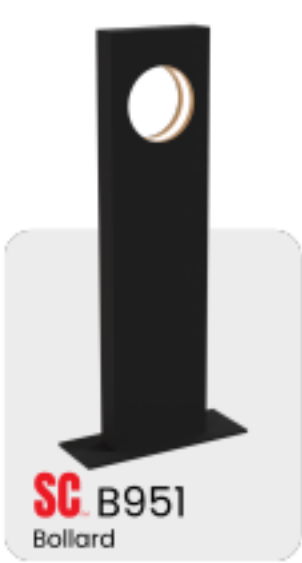
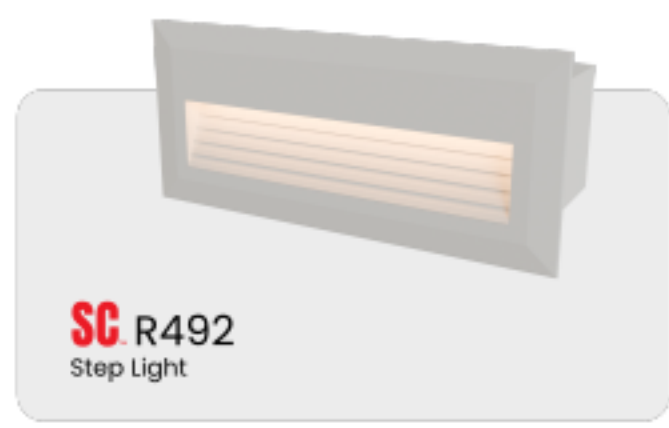
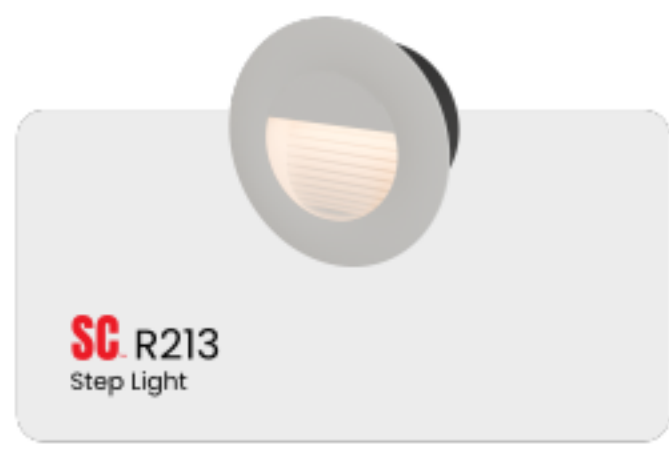
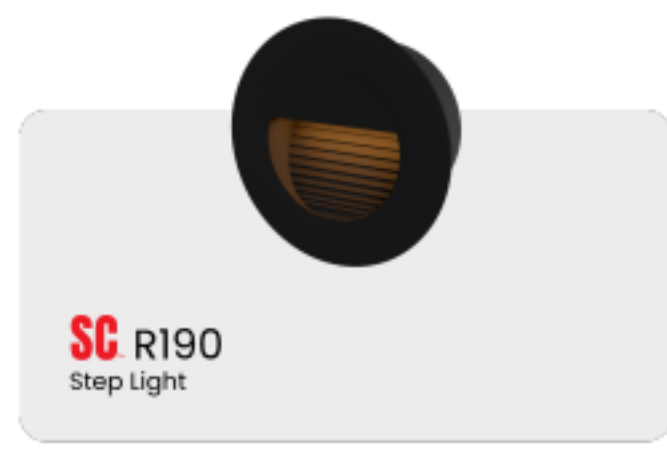
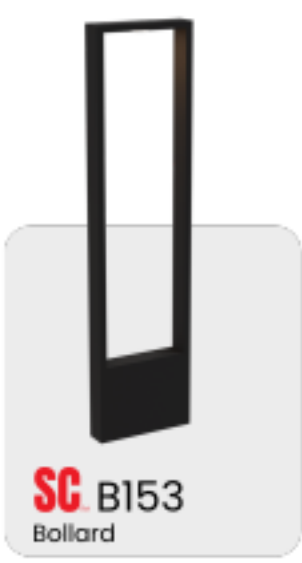


**SC** U469  
Uplight

# UPLIGHT

# BOLLARD

# STEP LIGHT



# ALL-IN-ONE SYSTEMS

Fixtures	Flood Light	Street Light
Power	Up to 300W	
Discharge time	Up to 12 hours	
Luminous	Up to 170lm/W	
Material	Die cast Aluminum	
Life time	Up to 50,000 hours	

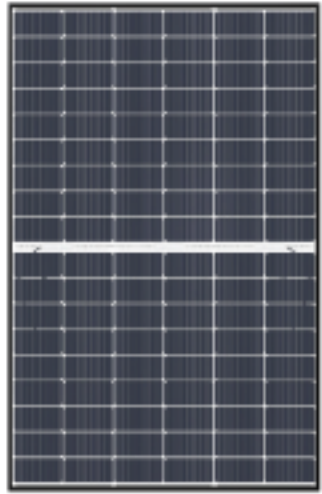
\* Please contact the technical team to get the specific datasheet



# SOLAR POWERED SYSTEMS



# SEPARATED SYSTEMS



SOLAR PANEL

<b>Brands</b>	
<b>Power</b>	Up to 700W



BATTERY

<b>Brands</b>	
<b>Capacity</b>	Various



CHARGE CONTROLLER


LED MODULES

**SC** LED Fixtures

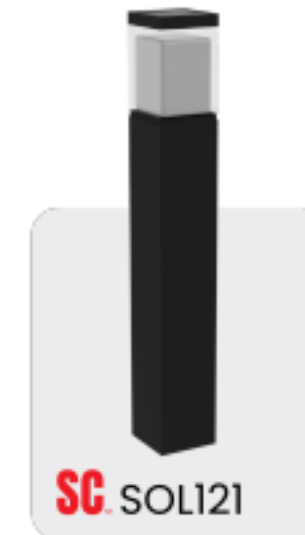


# DECORATIVE SOLAR FIXTURES



<b>Solar Panel</b>	Polycrystalline, Monocrystalline
<b>Battery</b>	Lithium-ion
<b>Housing Material</b>	ABS, Aluminium
<b>Life time</b>	30,000 hours
<b>CCT</b>	2200K 2700K 3000K 3500K 4000K 5000K 6000K 6500K

\* Please contact the technical team to get the specific datasheet





REQUEST A QUOTATION FROM SHORT CIRCUIT

## Request a Quotation from Short Circuit



The name and photo associated with your Google account will be recorded when you upload files and submit this form. Your email is not part of your response.

\* Indicates required question

### Let us know each other

Here we appreciate to leave some data to get back to you ASAP

### NEED MORE?

As we are committed to provide a real lighting solutions experience for our clients, we promise to support you with any LED fixture you need.

Just scan the following QR code and fill the form to request a specific quotation.

