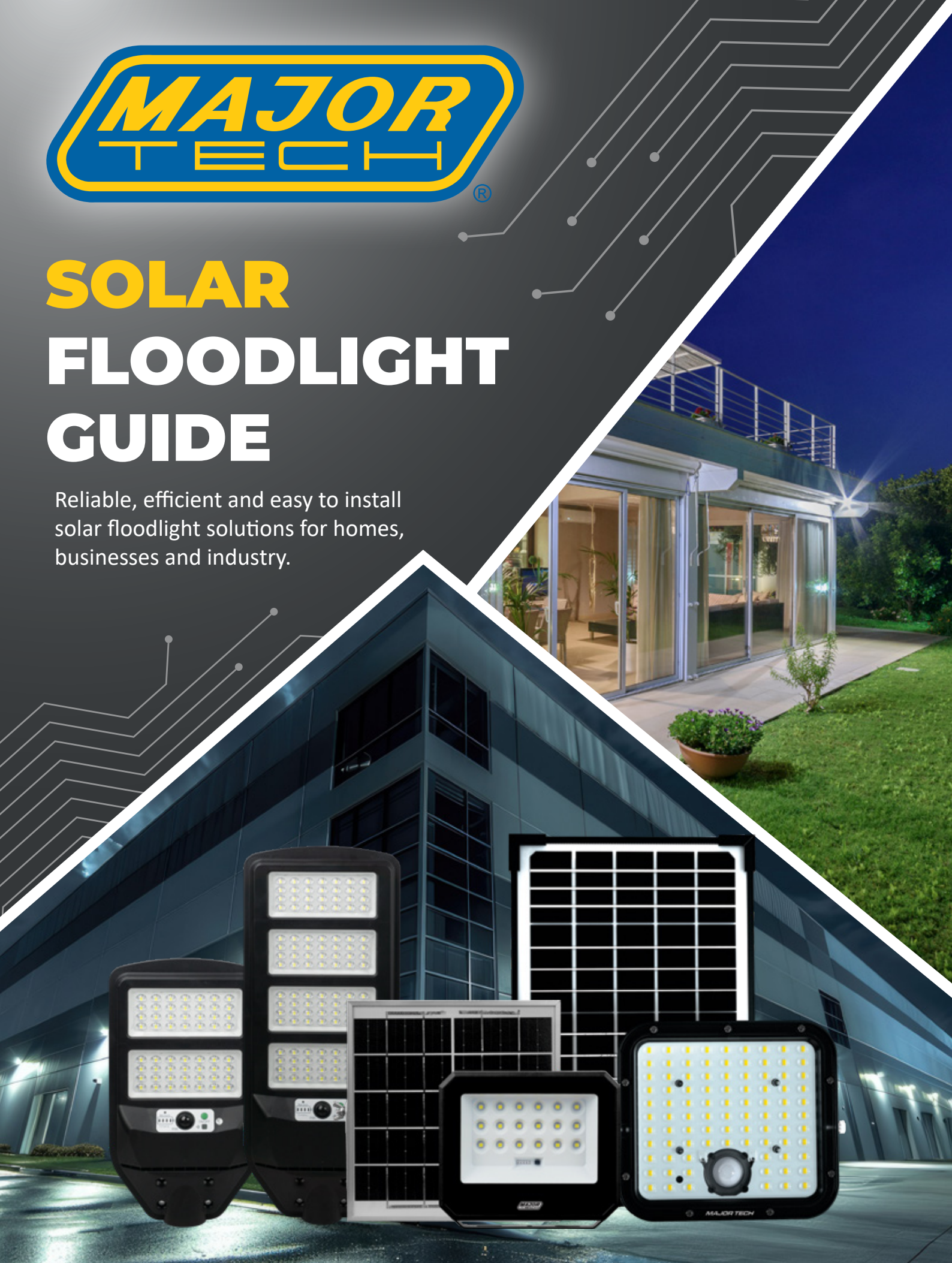




SOLAR FLOODLIGHT GUIDE

Reliable, efficient and easy to install
solar floodlight solutions for homes,
businesses and industry.



UNDERSTANDING SOLAR FLOODLIGHTS

What is a Solar Floodlight?

Solar floodlights use energy from the sun to provide reliable outdoor lighting after dark. During the day, the solar panel charges a rechargeable battery, allowing the light to operate automatically at night without mains electricity. They offer an energy-efficient, low-maintenance lighting solution for residential, commercial, agricultural and security applications.



Why Choose Solar Floodlights?

Energy Efficient

Powered by renewable solar energy.

Easy Installation

No trenching, cabling or mains power required.

Automatic Operation

Charges by day and lights automatically at night.

Enhanced Security

Improves visibility around homes and businesses.

Low Maintenance

Long-life LEDs and rechargeable batteries.

Built for Outdoors

Designed to withstand changing weather conditions.

Choosing the Right Solar Floodlight

Selecting the correct floodlight depends on where it will be used, the brightness required, and the size of the area being illuminated.

Consider the Application:



Residential

- Driveways
- Gardens
- Pathways
- Patios
- Boundary Walls



Security

- Gates
- Entrances
- Perimeter Fencing
- Remote security Areas



Commercial & Agricultural

- Parking Areas
- Warehouses
- Workshops
- Farm Buildings
- Access Roads

Installation Tips:

For the best performance:

- Position the solar panel where it receives maximum sunlight.
- Avoid shade from trees, buildings or other obstructions.
- Install the solar panel at the recommended angle.
- Aim the floodlight towards the area requiring illumination.



UNDERSTANDING LUMENS

Lumens (lm) measure the brightness of a light.

700-1000 LUMENS

Entrances, pathways and small outdoor areas

1400-2100 LUMENS

Driveways, gardens and general security lighting

4200 LUMENS

Warehouses, farms, parking areas and large outdoor spaces



Higher lumens provide brighter light and are better suited to larger spaces.

SOLAR SECURITY LIGHTING

Motion-Activated Security Solutions

Designed to improve visibility and security around homes, entrances and outdoor areas, the SFC range combines PIR motion detection with tricolour LED technology for reliable illumination when and where it is needed.



SFC-50T

Lumen Output	1600lm
Lumen Efficiency	125lm/W
LED Power	12.8W
Colour Temperature	Tricolour
Motion Sensor	PIR
Battery Type	Lithium Battery
Protection Rating	IP65



SFC-150T

Lumen Output	4500lm
Lumen Efficiency	140lm/W
LED Power	32W
Colour Temperature	Tricolour
Motion Sensor	PIR
Battery Type	Lithium Battery
Protection Rating	IP65

Recommended Installation: Driveways, garages, pathways, entrances, gates and perimeter security

Solar LED Wall Lights

Available in black or white finishes, the SB Series provides stylish motion-activated illumination for entrances, pathways and outdoor living spaces.

SB Series

Lumen Output	900lm
Lumen Efficiency	150lm/W (+/-10%)
LED Power	6W
Battery	3.7V 3000mAh Lithium
Motion Sensor	PIR
Detection Distance	Up to 6m
Beam Angle	140°
Protection Rating	IP65



SB-6CB



SB-6CW

Recommended Installation: Entrances, pathways, patios and boundary walls.

SOLAR LED FLOODLIGHT

Compact & Reliable Outdoor Lighting

The SFX range offers dependable solar-powered illumination for everyday residential applications. Easy to install and designed for outdoor use, these floodlights provide practical lighting for pathways, gardens, patios and security areas.



SFX-50C

Lumen Output	700lm
Lumen Efficiency	140lm/W (+-10%)
Real Power	5W
LED Power	50W
Solar Panel	6W/5V
Battery	3.2V 5000mAh LiFePO ₄
Runtime	Up to 12 Hours
Colour Temperature	6000K
Protection Rating	IP65



SFX-100C

Lumen Output	1400lm
Lumen Efficiency	140lm/W (+-10%)
Real Power	10W
LED Power	100W
Solar Panel	10W/5V
Battery	3.2V 10 000mAh LiFePO ₄
Runtime	Up to 12 Hours
Colour Temperature	6000K
Protection Rating	IP65

Recommended Installation: Gardens, patios, pathways, driveways, boundary walls and general security lighting.

Solar LED Floodlight

Providing increased brightness and wider coverage, the SFP-20C is ideal for residential security and outdoor lighting applications.

SFP-20C

Lumen Output	1200lm
Lumen Efficiency	120lm/W (+-10%)
LED Power	20W
Motion Sensor	PIR
Battery	1800mAh 3.7V Lithium
Detection Distance	Up to 4m
Beam Angle	120°
Protection Rating	IP54

Recommended Installation: Driveways, entrances, boundary walls and residential security areas.



HIGH OUTPUT SOLAR FLOODLIGHT

Powerful Illumination For Large Outdoor Areas

The SFQ range is designed for applications requiring higher brightness, wider coverage and dependable outdoor performance. Ideal for commercial, agricultural and large residential environments, these floodlights provide powerful illumination for improved visibility and security.

SFQ-300C

Lumen Output	4200lm
Lumen Efficiency	140lm/W (-+10%)
Real Power	30W
LED Power	300W
Solar Panel	30W/5V
Battery Capacity	30 000mAh LiFePO ₄
Runtime	Up to 12 Hours
Colour Temperature	6000K
Beam Angle	90°
Protection Rating	IP65



Recommended Installation: Farms & Agricultural Buildings, Warehouses & Workshops, Parking Areas, Security Perimeters, Construction Sites and Commercial Properties

Solar LED Floodlight

A compact solar floodlight designed to provide reliable illumination for pathways, gardens and smaller outdoor areas.

SFP-10C

Lumen Output	1 000lm
Lumen Efficiency	100lm/W (-+10%)
LED Power	10W
Motion Sensor	PIR
Battery	3.7V 3 600mAh
Beam Angle	2 x 120° with Rotatable Head
Protection Rating	IP54
Colour	6000K



Recommended Installation: Gardens, pathways, patios and small outdoor areas.

SOLAR STREET LIGHTING SOLUTIONS

Reliable Area Lighting For Roads, Estates & Public Spaces

The SSL range provides efficient solar-powered street lighting for residential developments, parking areas, access roads and public spaces. Featuring an integrated all-in-one design, the SSL Series offers simple installation, automatic operation and dependable outdoor performance.



SSL80C

Lumen Output	1400lm
Lumen Efficiency	140lm/W
LED Power	100W
Real Power	10W
Solar Panel	10W/5V
Colour Temperature	6500K
Lighting Mode	Day/Night Auto, Continuous on/off, Preset Times, Motion Activation (PIR)
Installation Type	Pole Mounted

SSL120C

Lumen Output	1800lm
Lumen Efficiency	150lm/W
LED Power	120W
Real Power	12W
Solar Panel	12W/5V
Colour Temperature	6500K
Lighting Mode	Day/Night Auto, Continuous on/off, Preset Times, Motion Activation (PIR)
Installation Type	Pole Mounted

SSL150C

Lumen Output	2250lm
Lumen Efficiency	150lm/W
LED Power	150W
Real Power	15W
Solar Panel	15W/5V
Colour Temperature	6500K
Lighting Mode	Day/Night Auto, Continuous on/off, Preset Times, Motion Activation (PIR)
Installation Type	Pole Mounted

Recommended Installation: Residential Estates, Access Roads, Parking Areas, Commercial Properties, Industrial Facilities, Public Walkways



**LIGHTING THAT WORKS WHEN
YOU NEED IT THE MOST**