

# XERA TECH

Illuminating Innovation Since 2016

Nashik - Maharashtra

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## About Xera Tech

**Xera Tech**, since 2016, has been a leading manufacturer of top-quality LED street lights and flood lights. Established in Nashik, we have emerged as a premier manufacturer of innovative LED lighting solutions with our state-of-the-art manufacturing facility and unwavering commitment to innovation.

Our journey began with a vision to revolutionize the lighting industry in India by providing energy-efficient, high-quality LED products that meet international standards while remaining accessible to the Indian market. Known for their sturdy design, damage resistance, perfect brightness, easy usability, and durability, our lights are designed in-house with the best available resources and workmanship.

*"At Xera Tech, we believe in delivering more than just lighting products. We're committed to providing energy-efficient solutions that help our customers reduce their carbon footprint while ensuring optimal illumination for their spaces."*

## Why Choose Xera Tech?

- ✓ **Since 2016:** 10+ Years of Excellence
- ✓ **In-House Design:** Custom Manufacturing
- ✓ **Quality Assured:** International Standards
- ✓ **Certified:** PWD, ERDE, MNRE, BIS, RoHS, ISO 9001, CE
- ✓ **Energy Efficient:** 90% LED Efficiency
- ✓ **Durable:** 50,000+ Hour LED Life
- ✓ **Reliable:** 2 Year Warranty\*
- ✓ **Customer First:** Excellent Support

### Our Mission

Transforming spaces through efficient and sustainable lighting solutions

## Key Features Across All Products

- ✓ High Transparency & Durability
- ✓ Energy Efficiency (90% LED Efficiency)
- ✓ UV Protection & Weather Resistance
- ✓ BIS, RoHS, ISO 9001, CE Certified
- ✓ Easy Maintenance & Installation
- ✓ 50,000+ Hour LED Life
- ✓ 2 Year Comprehensive Warranty\*
- ✓ IP66 Protection Rating





## 12W Solar Flood Light Semi Integrated Glass Model

### Solar Flood Light - Glass Model

SKU: SFL-SI-GM-12

The 12W Solar Flood Light - Semi Integrated Glass Model is a compact, energy-saving solution ideal for illuminating small outdoor spaces like residential gates, pathways, and small compounds. This model features a semi-integrated design where the LED light and battery are housed together, while the solar panel remains separate—allowing flexible installation for optimal sunlight capture. Encased in a durable glass body, the light offers enhanced brightness, better light diffusion, and added protection against the elements. Its LED output ensures clear visibility with minimal power consumption. The lithium battery charges during the day and powers the light automatically from dusk to dawn, offering hands-free operation and long-lasting performance. With an IP65 rating, this solar flood light is built to resist rain, dust, and harsh weather, ensuring year-round reliability. Easy to install and requiring no external power source, it is ideal for users seeking an eco-friendly lighting solution with minimal maintenance needs.

Xera Tech  
Professional  
Lighting Solutions

**12W**

Power

**IP66**

Protection

**50,000 hr**

LED Life

**2 Years**

Warranty

### Electrical Specifications

Power Consumption:	12W
Operating Voltage:	50W
Voltage Range:	12V or 24V DC
Frequency:	50Hz
Power Factor:	NA
Surge Protection:	6kV (Internal)

### LED & Optical Specs

LED Efficiency:	90%
LED Life:	50,000 hr
CRI:	≥ 80
Beam Angle:	120°
Light Color:	white
LED Type:	3030

### Physical Dimensions

Product Size (H×W×D):	N/A×N/A×N/Amm
Package Size (H×W×D):	20×20×20mm

### Environmental & Installation

IP Rating:	IP66
Operating Temperature:	-20°C to 50°C

### Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	2 Years
Driver Efficiency:	90%	Solar Panel:	Required
Driver Life:	2 Years	Battery:	Inbuild
		Charge Controller:	MPPT

### Key Features

- ✓ High Transparency
- ✓ Durability
- ✓ UV Protection
- ✓ Energy Efficiency
- ✓ Dusk to Down

### Applications

- Outdoor Lighting
- Industrial Lighting
- Solar Lighting
- Campus
- Streets
- Highway

### Commercial Information

#### Compliance

HSN Code: 9405 50 40

Certificates: BIS, RoHS, ISO 9001, CE

Customer Segment: Municipal Bodies, Government Tenders

