

# 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





## 18W Solar Flood Light Semi Integrated Glass Model

Xera Tech  
Professional  
Lighting Solutions

### Solar Flood Light - Glass Model

SKU: SFL-SI-GM-18

The 18W Solar Flood Light - Semi Integrated Glass Model offers efficient lighting for medium-sized outdoor areas such as gardens, community spaces, and security perimeters. Designed for durability and optimal performance, the unit features a tempered glass enclosure and a semi-integrated structure, combining a separate solar panel with an integrated LED and battery setup. Its high-efficiency LEDs provide bright, even lighting with low energy usage. The advanced lithium battery ensures extended lighting hours, while automatic dusk-to-dawn operation adds convenience without requiring manual intervention. The separate solar panel allows optimal placement for maximum sunlight absorption, enhancing energy efficiency. With a sturdy glass body and IP65 protection, the light is resistant to water, dust, and weather changes, making it ideal for year-round outdoor use. Installation is quick and cable-free, perfect for remote areas or locations without grid access. The 18W output offers enough brightness for safety and visibility, making it a practical choice for eco-conscious consumers looking for sustainable lighting alternatives.

18W

Power

IP66

Protection

50,000 hr

LED Life

2 Years

Warranty

### Electrical Specifications

Power Consumption:	18W
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

### Environmental & Installation

### 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

