

# 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





# 50W Solar Street Light Semi Integrated Glass Model

Xera Tech  
Professional  
Lighting Solutions

## Solar Street Light - Glass Model

SKU: SSL-SI-GM-50

Low maintenance and energy-saving make it a sustainable choice for everyday use. The 50W Semi-Integrated Solar Street Light with Glass Housing is ideal for sturdy outdoor performance. Engineered for walkways, housing societies, and rural lighting needs. Tempered glass body ensures high impact resistance and longevity in tough environments. It combines a separate solar panel and built-in LED fixture, allowing flexible solar positioning.

<b>50W</b> Power	<b>IP66</b> Protection	<b>50,000 hr</b> LED Life	<b>2 Years</b> Warranty
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### Electrical Specifications

Power Consumption:	50W
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):	380×145×65mm
Package Size (H×W×D):	400×165×85mm
Weight:	N/A
Housing:	Aluminium Die cast
Body Color:	Graphite Gray

### Environmental & Installation

IP Rating:	IP66
Operating Temperature:	-20°C to 50°C
Product Shape:	Rectangular
PIR Sensor:	if Required
Mounting Frame:	Required

### Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	2 Years
Driver Efficiency:	90%	Solar Panel:	Required
Driver Life:	2 Years	Battery:	50Ah
		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

