

XERA TECH

Illuminating Innovation Since 2016

Nashik - Maharashtra

connect@xeratech.in | xeratech.in

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





100W Solar Flood Light Semi Integrated Glass Model

Xera Tech
Professional
Lighting Solutions

Solar Flood Light - Glass Model

SKU: SFL-SI-GM-100

Engineered for powerful outdoor illumination, the 100W Solar Flood Light - Semi Integrated Glass Model is a premium lighting solution for high-demand areas such as large open fields, warehouse exteriors, public parks, and security zones. Its strong tempered glass design houses high-lumen LED chips that offer unmatched brightness with efficient energy consumption. The semi-integrated design includes a separate solar panel, allowing greater placement flexibility for optimal sun absorption. This design ensures better charging during the day, while the powerful battery supports consistent performance all night. The 100W output provides ample lighting for wide coverage, making it ideal for both commercial and residential settings. The unit is built with weatherproof materials that stand up to rain, dust, and extreme temperatures. The IP65 rating guarantees reliability even in the toughest conditions. With smart light sensors, it automatically switches on at dusk and off at dawn, ensuring uninterrupted lighting without any manual intervention. Installation is simple, requiring no trenching or wiring, which saves on labor and maintenance costs. Whether it's for enhancing nighttime visibility, boosting perimeter security, or illuminating large working zones, this solar flood light offers a sustainable, high-performance, and cost-effective lighting solution that aligns with modern energy-saving goals.

100W

Power

IP66

Protection

50,000 hr

LED Life

2 Years

Warranty

Electrical Specifications

Power Consumption:	100W
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

Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	2 Years
Driver Efficiency:	90%	Solar Panel:	Required
Driver Life:	2 Years	Battery:	100Ah
		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

