

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





50W Solar Flood Light Semi Integrated Glass Model

Xera Tech
Professional
Lighting Solutions

Solar Flood Light - Glass Model

SKU: SFL-SI-GM-50

The 50W Solar Flood Light - Semi Integrated Glass Model is designed to offer a robust and energy-efficient lighting solution for larger outdoor environments. The high-efficiency LED fixture, encased in strong tempered glass, provides brilliant illumination while maintaining a sleek, weather-resistant design. Featuring a semi-integrated system, this model includes a separate solar panel to ensure maximum exposure to sunlight, improving charging efficiency. The glass model not only adds a premium finish but also ensures better light transmission and enhanced protection for the internal components. This 50W model is ideal for industrial premises, boundary walls, farmhouses, sports grounds, and remote areas with limited access to power. Its high-lumen output makes it a preferred choice for safety and visibility during nighttime. Powered by a rechargeable lithium battery, it stores sufficient energy to offer dusk-to-dawn automatic lighting. Its smart controller optimizes power usage and extends battery life. The aluminum and glass construction is corrosion-resistant and built to withstand harsh outdoor conditions. Installation is easy, with flexible mounting options and no need for external wiring or power sources. With zero electricity cost, this solar flood light is both eco-friendly and economically beneficial.

50W

Power

IP66

Protection

50,000 hr

LED Life

2 Years

Warranty

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

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

