

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 All In One Lens Model

Xera Tech
Professional Lighting
Solutions

Solar Street Light - Lens Model

SKU: SSL-AIO-LM-50

Experience efficient lighting with our 50W All-in-One Solar Street Light, featuring lens technology for focused brightness. Perfect for illuminating streets, parks, or isolated zones with limited electricity access. Built with high-grade materials to endure all weather conditions and offer long-lasting durability. Smart control features ensure reliable performance from dusk to dawn. Integrated with a solar panel, lithium battery, and LED, this unit provides seamless, wire-free operation.

50W Power	IP66 Protection	50,000 hr LED Life	2 Years 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):	N/A×N/A×N/Amm
Package Size (H×W×D):	20×20×20mm
Weight:	N/A
Housing:	Aluminium Die cast
Body Color:	White

Environmental & Installation

IP Rating:	IP66
Operating Temperature:	-20°C to 50°C
Product Shape:	Rectangular
PIR Sensor:	if Required
Mounting Frame:	Not Required

Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	1 Years
Driver Efficiency:	90%	Solar Panel:	Required
Driver Life:	1 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

