

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 Flood Light Down Choke Lens Model

Xera Tech
Professional Lighting
Solutions

Flood Light - Lens Model

SKU: FL-DC-LM-50

The 50W Flood Light Down Choke Lens Model offers powerful, energy-efficient lighting with a robust lens design. Ideal for outdoor use, it delivers superior brightness, UV protection, and long-lasting durability, providing a reliable and low-maintenance lighting solution.

50W

Power

IP66

Protection

50,000 hr

LED Life

2 Years

Warranty

Electrical Specifications

Power Consumption:	50W
Operating Voltage:	230V
Voltage Range:	90V – 300V AC
Frequency:	50Hz
Power Factor:	≥ 0.95
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):	175×220×40mm
Package Size (H×W×D):	195×240×60mm
Weight:	700g
Housing:	Aluminium Die cast
Body Color:	White

Environmental & Installation

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

Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	2 Years
Driver Efficiency:	90%	Solar Panel:	NA
Driver Life:	2 Years	Battery:	NA
		Charge Controller:	NA

Key Features

- ✓ High Transparency
- ✓ Durability
- ✓ UV Protection
- ✓ Energy Efficiency
- ✓ Easy Maintenance

Applications

- Outdoor Lighting
- Industrial Lighting
- Solar Lighting
- Campus
- Streets
- Highway

Commercial Information

Compliance

HSN Code: 9405 40 90

Certificates: BIS, RoHS, ISO 9001, CE

Customer Segment: Municipal Bodies, Government Tenders

