

# 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





## 20W Solar Street Light with Decorative Red Arm

### Decorative Street Light - Solar

SKU: SSL-RA-20

The 20W Solar Street Light with Decorative Red Arm by Xera Tech is a robust, fully off-grid solar lighting solution built for high-mast outdoor applications. Featuring an 80W mono-crystalline solar panel, an 18Ah LiFePO4 battery, and a 20W LED luminaire mounted on a striking red powder-coated decorative arm, this system is installed on an 8-metre galvanised MS pole. The bold red arm design adds visual identity to streets, highways, industrial zones, and government infrastructure projects. With MPPT charge control, auto dusk-to-dawn operation, and IP65 protection, it delivers reliable illumination with zero electricity cost.

Xera Tech  
Professional  
Lighting Solutions

**20W**

Power

**IP65**

Protection

**50,000 hr**

LED Life

**2 Years**

Warranty

### Electrical Specifications

Power Consumption:	20W
Operating Voltage:	20W LED
Voltage Range:	12V DC (Battery Operated)
Frequency:	N/A
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):	8600×1400×400mm
Package Size (H×W×D):	8200×650×450mm
Weight:	35000g
Housing:	Aluminium Die Cast LED Head
Body Color:	Galvanised Grey Pole with Red Pow

### Environmental & Installation

IP Rating:	IP65
Operating Temperature:	-20°C to 50°C
Product Shape:	N/A
PIR Sensor:	If Required
Mounting Frame:	Required

### Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	2 Years
Driver Efficiency:	90%	Solar Panel:	80W Mono-Crystalline
Driver Life:	2 Years	Battery:	18Ah LiFePO4 (Lipo4)
		Charge Controller:	MPPT

### Key Features

- ✓ 80W Mono Solar Panel
- ✓ 18Ah LiFePO4 Battery
- ✓ MPPT Charge Controller
- ✓ Bold Red Decorative Arm
- ✓ 8 Mtr High Mast Pole
- ✓ Completely Off Grid

### Applications

- Highways
- Rural Roads
- Industrial Zones
- Government Infrastructure
- Gram Panchayat Streets
- Campus Lighting

### Commercial Information

#### Compliance

HSN Code: 9405 49 00

Certificates: BIS, RoHS, ISO 9001, CE

Customer Segment: Municipal Bodies, Gram Panchayats

