

Solar Street Light Project Requirement Checklist

Get a Precise Quote & Lighting Design (Project Specification Form)

1. Basic Project Info

Project Location (City/Country): _____

Project Type: Highway/Main Road Residential Street Industrial Park Public Park/Parking Lot

Quantity Required: _____ Units

2. Road Geometry

Road Width: _____ meters

Number of Lanes: 1 Lane 2 Lanes 4 Lanes Other: _____

Pole Height (Planned): _____ meters

Pole Spacing (Distance between poles): _____ meters

Installation Side: Single Side Double Side Symmetric Staggered

3. Lighting Standards

Required Average Lux (lux): 10-15 lux (Residential) 20-30 lux (Main Road) Other: _____

Working Hours per Night: _____ Hours

Back-up Days (Autonomy): 2 Days 3-5 Days Always On

Lighting Mode: 100% Brightness all night Dimming Schedule (e.g., 4h 100% + 6h 30%) Motion Sensor

4. Environment & Installation

Extreme Temperature Range: _____ °C to _____ °C

Wind Loading Requirement: _____ km/h

Distance to Sea: Within 5km Inland

5. Advanced Features

Smart Control: IoT Remote Management (Zigbee/LoRa/4G)

Certificates Needed for Tender: CE RoHS IES Files IP66/IK10 Test Reports