



Tender-Ready Solar Street Light Submittal Checklist (2026)

Use this checklist to verify suppliers before award and before shipment. Tick and attach evidence files.

A) Photometry & Simulation

- IES/LDT files (exact model + lens/optics option)
- DIALux/AGi32 simulation report (road width, pole height, spacing, tilt assumptions stated)
- Photometric plots + distribution type (roadway intent and uniformity approach)

B) Energy & Autonomy

- Autonomy calculation (nights + dimming curve + worst-month irradiance)
- Battery aging assumption (end-of-life capacity stated)
- Controller specification (MPPT + dimming profile configuration and limits)

C) Battery Transport Compliance

- UN38.3 (test summary/certificate)
- MSDS
- Packing declaration + labels (shipping mode and battery handling notes)

D) Structural / Civil

- Pole drawing + material/coating specification
- Foundation drawing and/or anchor bolt template
- Wind-load and corrosion assumptions (site class stated)

E) Delivery, O&M, Warranty

- BOM/BOQ mapping to tender line items
- Installation manual + commissioning checklist + troubleshooting guide
- Spare parts list (part numbers) + lead time
- Component-split warranty (battery / luminaire / controller) + replacement process

NON-NEGOTIABLE RULE

Submittal is considered incomplete if IES/LDT or UN38.3/MSDS is missing.

Tip: Attach this checklist to your RFQ and require suppliers to submit the full pack before award.