

# Street Lighting RFQ Inputs Checklist

Fill fields and tick options. For **Solar + AC street lighting** tenders. Outputs: **DIALux/Relux, IES/LDT, BOQ**, tender attachments.

**Tip:** Unknown values can be left blank. Attach drawings/photos for accuracy.

## 1) Project Basics

Field	Client Input
Country / City / Site	_____
Project / Tender Reference	_____
Tender deadline (if any)	_____
Quantity (lights / poles)	_____ sets   Target delivery: _____
Road / Area Type	<input type="checkbox"/> Highway <input type="checkbox"/> Urban arterial <input type="checkbox"/> Collector <input type="checkbox"/> Residential <input type="checkbox"/> Parking/yard <input type="checkbox"/> Campus/paths <input type="checkbox"/> Other: _____
Operating pattern	<input type="checkbox"/> All night <input type="checkbox"/> Curfew dimming <input type="checkbox"/> Motion-based <input type="checkbox"/> Other: _____

## 2) Lighting Targets

Field	Target / Requirement
Standard (optional)	<input type="checkbox"/> EN 13201 <input type="checkbox"/> IES RP-8 <input type="checkbox"/> CIE 115 <input type="checkbox"/> Local: _____
Metric	<input type="checkbox"/> Maintained illuminance (lux) <input type="checkbox"/> Luminance (cd/m <sup>2</sup> ) <input type="checkbox"/> Both
Target level(s)	Avg / maintained: _____   Min: _____   Max: _____
Uniformity	Min/Avg: _____   Avg/Max: _____   Other: _____
Glare / uplight (if any)	<input type="checkbox"/> TI <input type="checkbox"/> GR <input type="checkbox"/> ULR <input type="checkbox"/> BUG <input type="checkbox"/> Full cutoff   Limit: _____
CCT / CRI limits	CCT: _____ K   CRI: _____   Flicker: _____

## 3) Geometry & Installation

Field	Client Input
Road geometry	Width: _____ m   Lanes: _____   Median: <input type="checkbox"/> Y <input type="checkbox"/> N   Sidewalk: <input type="checkbox"/> Y <input type="checkbox"/> N
Pole height	_____ m (range: _____ to _____ m)
Spacing / layout	_____ m   <input type="checkbox"/> One-side <input type="checkbox"/> Opposite <input type="checkbox"/> Staggered <input type="checkbox"/> Median
Setback / overhang	Setback: _____ m   Overhang: _____ m
Arm / mount / tilt	Arm: _____ m   <input type="checkbox"/> Side entry <input type="checkbox"/> Top entry   Tilt: _____ °
Attachments	<input type="checkbox"/> DWG <input type="checkbox"/> PDF <input type="checkbox"/> Google Map pin <input type="checkbox"/> Photos <input type="checkbox"/> Pole schedule

## 4) Power & Environment

Field	Client Input (tick / fill)
System type	<input type="checkbox"/> Solar street lighting <input type="checkbox"/> AC grid street lighting <input type="checkbox"/> Hybrid / other: _____
Solar: autonomy & dimming	Autonomy: _____ nights   Dimming profile: _____
Solar: battery / PV	Battery: <input type="checkbox"/> LiFePO <sub>4</sub> <input type="checkbox"/> Other: _____   PV: _____ W   Battery: _____ Ah/Wh
AC: electrical	Grid: _____ V / _____ Hz   Class: <input type="checkbox"/> I <input type="checkbox"/> II   PF ≥ _____   SPD: <input type="checkbox"/> Y <input type="checkbox"/> N (kV: _____)
AC: control (if required)	<input type="checkbox"/> Photocell <input type="checkbox"/> Timer <input type="checkbox"/> 0–10V <input type="checkbox"/> DALI <input type="checkbox"/> NEMA/ANSI socket   Other: _____
Environment	Coastal: <input type="checkbox"/> Y <input type="checkbox"/> N   Dust/sand: <input type="checkbox"/> Y <input type="checkbox"/> N   Temp: _____ to _____ °C   Wind: _____ m/s
Protection / anti-theft	IP: _____   IK: _____   Anti-theft: <input type="checkbox"/> Y <input type="checkbox"/> N   Pole door lock: <input type="checkbox"/> Y <input type="checkbox"/> N

## 5) Tender Submission Checklist

Deliverable / Attachment	Need?
DIALux/Relux report (PDF)	<input type="checkbox"/> Yes <input type="checkbox"/> No
IES / LDT photometry files	<input type="checkbox"/> IES <input type="checkbox"/> LDT <input type="checkbox"/> Both <input type="checkbox"/> No
BOQ + configuration list (Excel/PDF)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drawings (DWG/PDF) + aiming sheet	<input type="checkbox"/> Yes <input type="checkbox"/> No
Datasheets + wiring / block diagram	<input type="checkbox"/> Yes <input type="checkbox"/> No
Certificates (CE/IEC/RoHS etc.)	<input type="checkbox"/> Yes <input type="checkbox"/> No   Specify: _____
Warranty statement + maintenance notes	<input type="checkbox"/> Yes <input type="checkbox"/> No
Other required docs	_____

Notes / special constraints: \_\_\_\_\_

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