



DIALux / Relux Simulation Report

Redacted Sample (Format Example Only)

Project Name: [Project Code]
Road / Area Type: Roadway (Single Carriageway)
Prepared for: [Client A / EPC Team]
Prepared by: SUNLURIO (Engineering Support)
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Document ID: SL-PHOTO-EXAMPLE
Revision: Rev S
Date: 2026-01-27

This document is a **redacted sample** provided to demonstrate report structure, assumption traceability, and deliverable format. Values are intentionally shown as ranges or masked.



Inputs & Assumptions

All results shown in this sample are **indicative** and depend on the assumptions below.

Category	Item	Value (Redacted)
Targets (Maintained)	Average illuminance	xx lux (target range)
	Uniformity definition	Min/Avg (as specified)
Mounting	Pole height	8-10 m (range)
	Arm length / Overhang	1.2-1.8 m (range)
	Tilt angle	0-10° (range)
	Setback	0.5-1.5 m (range)
Layout	Pole spacing	25-35 m (range)
	Arrangement	Single-side / Staggered (example)
Road geometry	Road width	6-9 m (range)
	Lanes / median	2 lanes / no median (example)
MF / LLF	Maintenance factor (MF)	0.xx (applied)
	Basis	Outdoor roadway, periodic cleaning/inspection
Calculation plane	Reference plane	Road surface (0.0 m)
Photometry reference	IES/LDT file	SUNLURIO_XX_OPTIC.ies (vX.X / YYYY-MM)
Software	Engine	DIALux evo / Relux (version x.x)

Important: Photometric file naming is shown as a virtual placeholder. In real delivery, filenames and versions must match the submitted IES/LDT package.



Summary Results (Tender-Friendly)

Target vs achieved results are shown under the assumptions listed in Page 2. Values are redacted as ranges.

Metric	Target (Maintained)	Achieved (Indicative Range)
Average illuminance (lux)	xx lux	xx-xx lux
Minimum illuminance (lux)	xx lux	xx-xx lux
Uniformity (Min/Avg)	≥ 0.xx	0.xx-0.xx

Statement: This sample demonstrates report format only. In real projects, results may vary with mounting, spacing, aiming, MF/LLF, and site conditions. Confirmation requires a project-specific simulation.

Quick Notes (Assumption Reminders)

- MF/LLF is applied to the maintained results shown.
- Tilt/aiming and spacing have material impact on uniformity.
- BOQ verification requires layout plan with pole numbering.



Results Tables (Lux / Uniformity)

Example table structure for multiple zones/areas. Uniformity definition is shown explicitly.

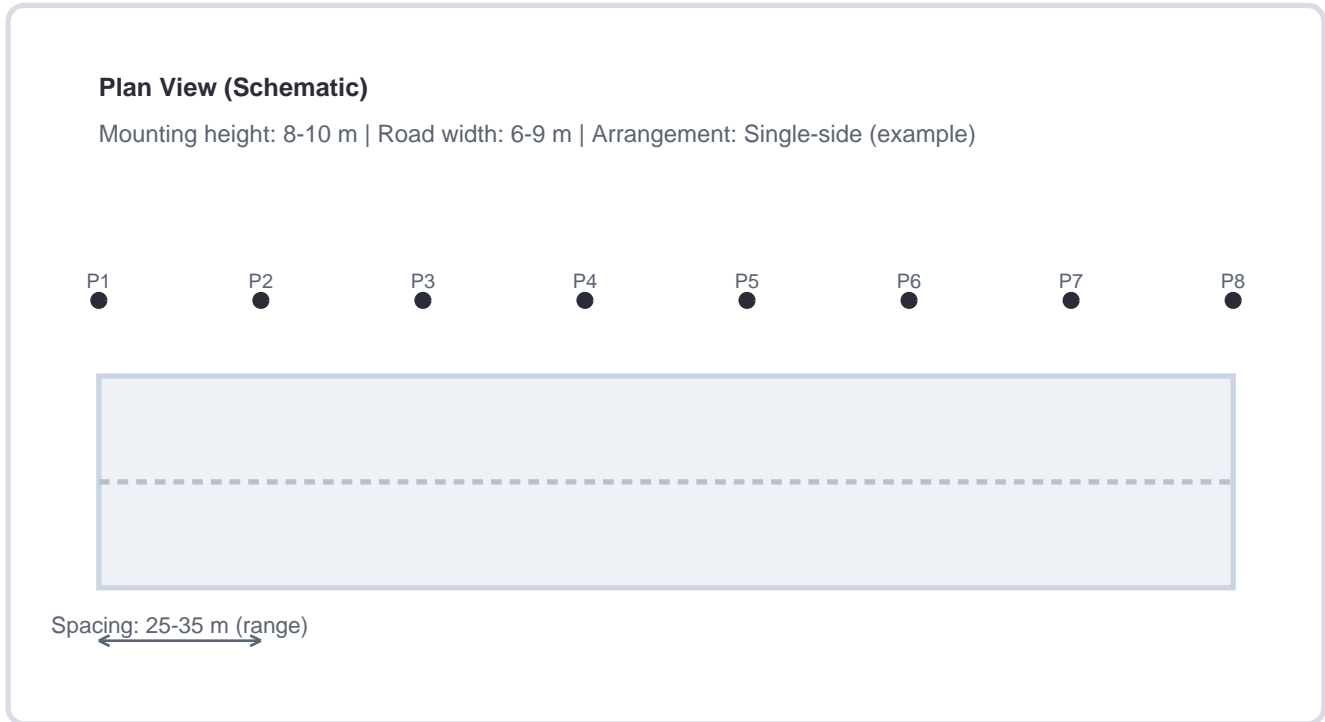
Zone	Avg (lux)	Min (lux)	Uniformity (Min/Avg)	Notes
Zone A	xx-xx	xx-xx	0.xx-0.xx	Roadway segment (example)
Zone B	xx-xx	xx-xx	0.xx-0.xx	Intersection area (example)
Zone C	xx-xx	xx-xx	0.xx-0.xx	Transition segment (example)

Units: lux (maintained). **Uniformity:** Min/Avg unless specified otherwise in the tender.



Layout Plan (BOQ-Traceable)

Schematic plan view (example only). Real projects should include pole numbering and dimensions that map to BOQ line items.

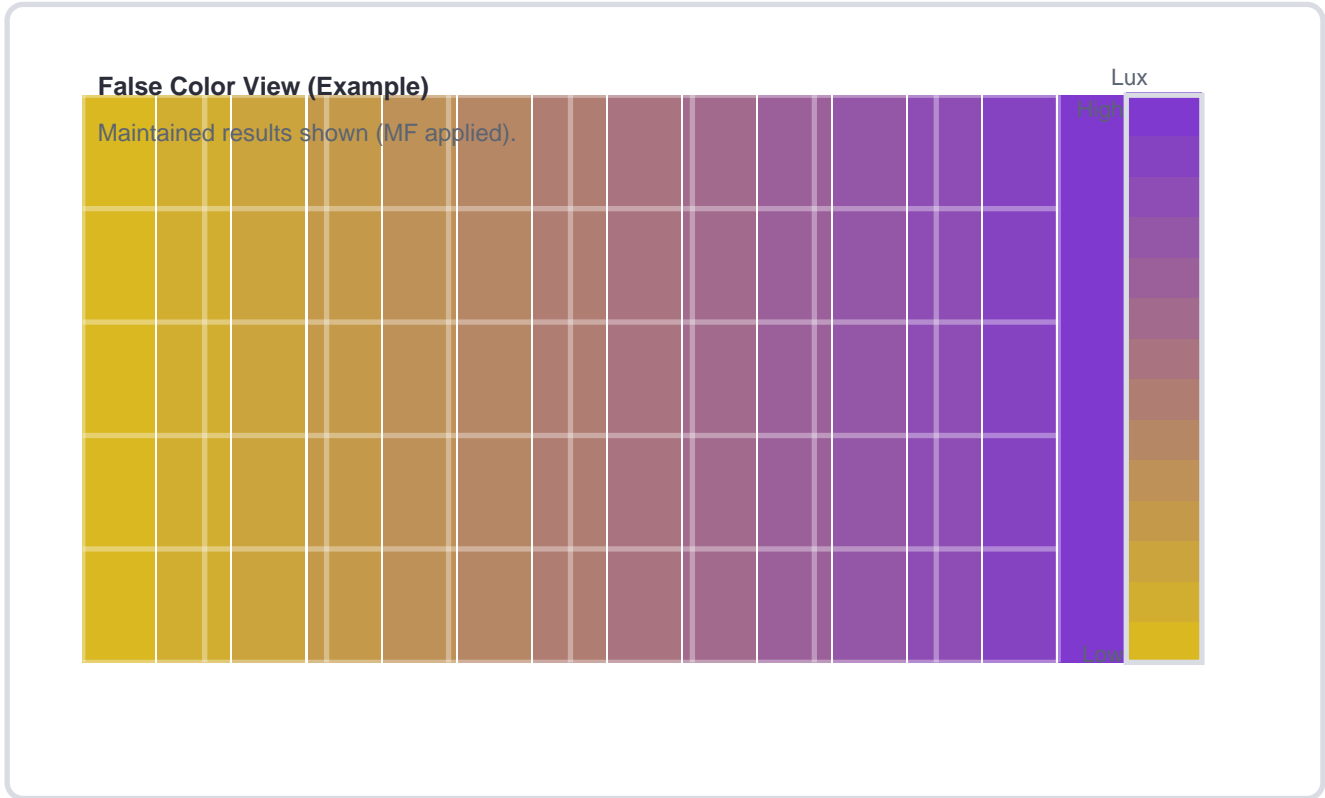


Note: Map base / coordinates are intentionally removed. Replace with CAD/DWG or surveyed layout in project delivery.



Isolux / False Color (Maintained)

Example heatmap style for maintained illuminance visualization. Color scale is indicative only.



Note: Replace this illustration with exported Isolux / False Color images from DIALux evo or Relux for project delivery.



Aiming / Tilt & Installation Notes

Bracket / Arm Sketch (Example)

Use project-specific bracket type and aiming notes for floodlights or special optics.



Installation notes (example):

- SPD / surge level: xx kV (as required by tender).
- Wiring interface: terminal / connector type per luminaire specification.
- Pole interface: arm/bracket dimensions to match pole drawings.
- Labeling & QC traceability: available upon request.

Revision & Traceability

Revision	Date	Description
Rev S	2026-01-27	Website sample (redacted) - format example only

Deliverables (real projects): Report PDF + IES/LDT photometry files + (optional) DWG/CAD layout + BOQ notes.

Disclaimer: Results depend on listed assumptions, installation tolerances, and site conditions. This sample does not constitute a performance guarantee.