Football Pitch Lighting
Project Review Checklist

Jieyao Lighting | Downloadable project record | 10 November 2026

Project / venue: _____

Location / owner / reviewer: _____

Drawing revision / intended competition and operating modes: _____

1. Identify the governing requirements

[ ] Record the organisation, competition or owner requirement, document title, edition and applicable category or lighting level.

[ ] Keep UEFA infrastructure categories separate from UEFA lighting levels and FIFA standards. Confirm which requirements govern this venue.

[ ] Record training, community use, matches, televised events and any future upgrade requirement.

2. Complete the lighting criteria schedule

[ ] Horizontal and vertical reference planes, maintained average illuminance and required uniformity ratios.

[ ] Camera directions and positions, glare, spill, colour and temporal-light criteria where applicable.

[ ] Measurement grid, operating modes, maintenance assumptions and required acceptance report.

3. Match equipment to the actual layout

[ ] Pitch plan, support coordinates/heights, stands, roof edges and other obstructions.

[ ] Luminaire model, optic, driver/control configuration, quantity, aiming and photometric-file revision.

[ ] Support loads, mounting interfaces, power/control arrangements and maintenance access.

Acceptance criteria come from the named governing specification. This checklist records the review; it does not assign a lighting class or approve an installation.

Calculation and Handover Record

4. Review calculation outputs

[ ] Record average, minimum and maximum values for each required reference plane, then verify the named uniformity formulas.

[ ] Review dark areas, player/camera views, shadows and boundary effects rather than average lux alone.

[ ] Keep the calculation report tied to the same luminaire, aiming, mode and maintenance assumptions as the offer.

5. Review installed evidence

[ ] Confirm the final equipment, aiming and mode settings against the approved design.

[ ] Record test personnel, meter identity/calibration, test conditions, reference points and applicable method.

[ ] Log defects, corrective action, retest result and the authority responsible for acceptance.

6. Keep the final document pack

[ ] Owner-approved criteria, layout/aiming drawings, equipment schedule and calculation files.

[ ] Required installed illuminance and other acceptance reports, controls settings and power-backup evidence where required.

[ ] As-built support/connection records, maintenance instructions, spares and revision history.

Open items / responsible person / due date: _____

_____

Accepted drawing and report references: _____

_____

Method references

UEFA Stadium Infrastructure Regulations, effective 1 June 2025, Article 16; UEFA Stadium Lighting Guide 2023, Uniformity and Illuminance levels; FIFA Football Stadiums Guidelines, section 5.6. Confirm the governing documents for the project.

Related article: www.jieyaolighting.com/news/football-field-lighting-standards-lux-uniformity-and-broadcast