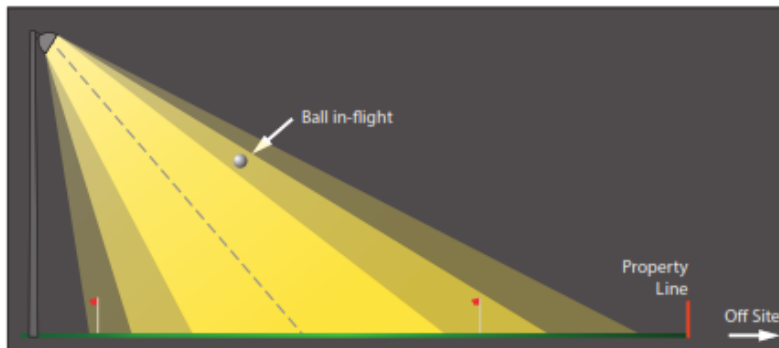


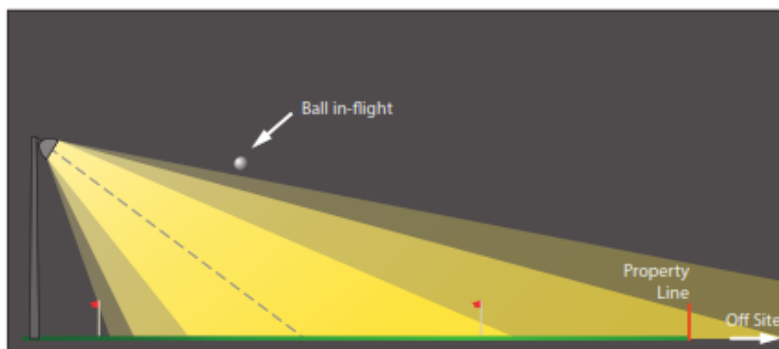
Project: Proposed Development of Shanganagh Park Masterplan – Phase 1, Shankill, Co. Dublin
Information: Light Management

- While the floodlights proposed are tall (24.4m), they are slim columns and will not be visually overbearing. The columns are tall to minimise any light spill.
- A detailed floodlighting report has been undertaken which details light spill. There is minimal light spill within the park and no light pollution within the residential estates.
- There will be strict management of floodlight times by clubs and DLR as part of any allocation.
- Time restricted in line with the timing outlined in the Ecological Impact Assessment (EcIA) to minimize any impacts on bats including no floodlighting allowed in April, May, August and September.
- The biodiversity impacts are covered and responded to in the “potential impacts” section of the EcIA. It should be noted that detailed light spill assessment and mitigation in relation to bats, including the lighting times are outlined in Appendix I (Bat Assessment) of the EcIA.
- Choosing appropriate number of columns and column heights is key to the overall quality of the lighting design. Based on the size of the pitch, the sport being played, the competition level, and the application of the floodlighting system (televised or non-televised); column numbers and height requirements must be accurately assessed to ensure the aiming angle of the floodlight onto the pitch is at an appropriate degree to maintain good playability, control glare, and reduce spill light on adjoining properties and roadway. See the diagram below:



Higher Mounting Height

- Optimal control
- Limited spill
- Optimal quality of play



Lower Mounting Height

- Some control
- More spill
- Poor quality of play
- Player safety issue