Planning Discharge Review

Steyning Tennis Club

Floodlighting Courts 1 & 2



Project reference: **0400792268**

Date: **18-12-2023**

Representative: **Andrew Poplett**

Steyning Tennis Club Planning Discharge Review

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Executive summary

Signify have been instructed to carry out a review of the installed LED floodlighting in accordance with the granted planning application.

Planning was granted with the condition that confirmation is provided to confirm the lighting scheme as installed by LTL Floodlighting conforms to the recommendations for environmental zone E2 in the ILP document "Guidance Notes for the Reduction of Obtrusive Light GN01:20.

A site visit was carried out on the 6th of December 2023. Due to the impracticalities of gaining access to neighbouring properties in Charton Street which have rear elevations facing in the direction of the club, sample light readings were taken along properties boundary edge that adjoins the recreation ground. If these were found to be a satisfactory level, then an engineering judgement can be taken that all results at the surrounding dwellings on Charlton Street are compliant to E2 of ILP GN01 due to the distance set back from this point (6m – 11m).

The light colour of the Philips ClearFlood BVP651 LED floodlights is 4000K. Floodlights backing onto Charlton Steet have been fitted with external rear louvres to spill/glare.

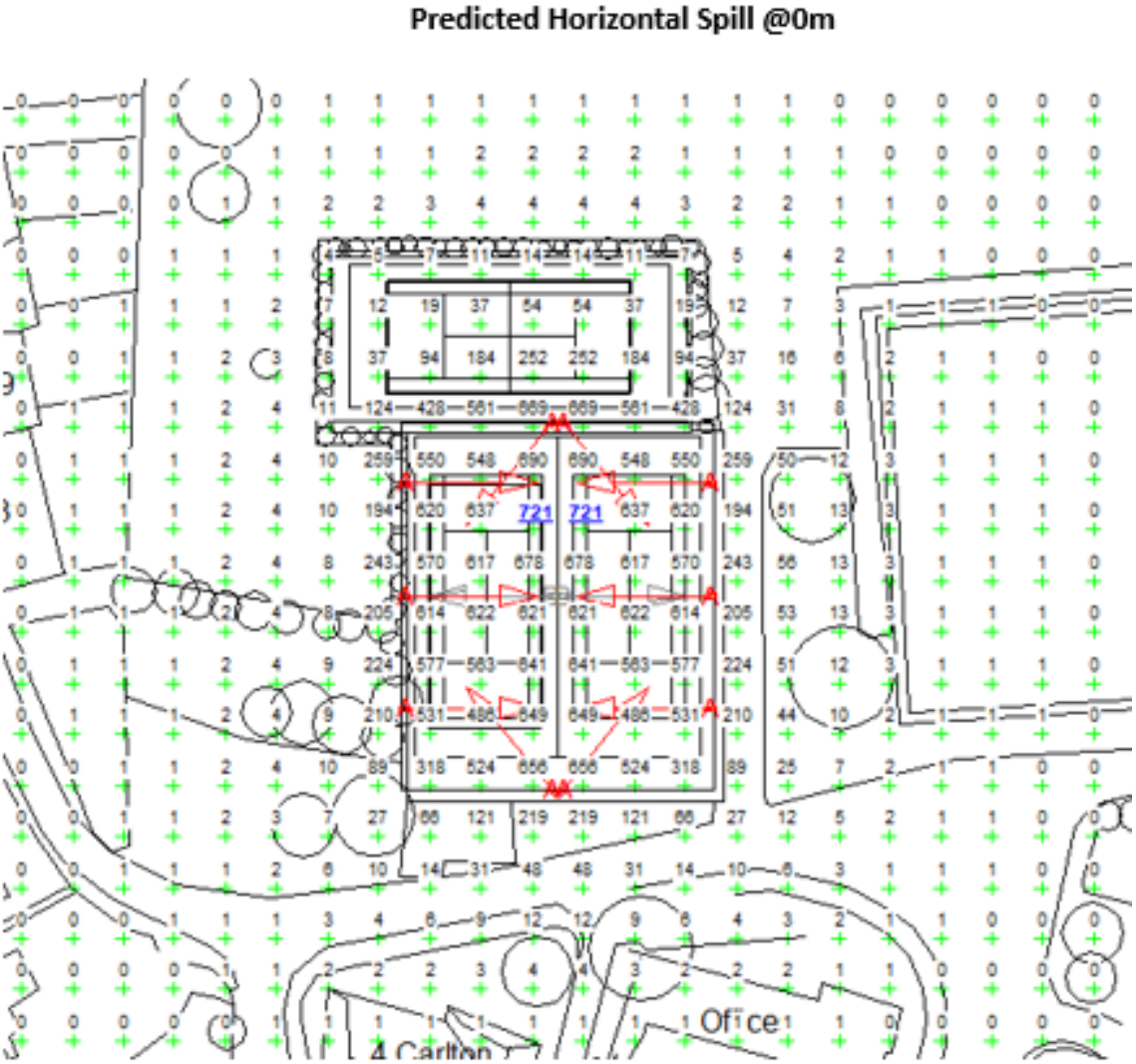


All spill results recorded at the outside of the club perimeters were in line with the submitted design document and it is our opinion that the installed lighting scheme satisfies the planning condition and should be allowed to be used as permitted.

Lux Test

It should be noted that the streetlights located on Charlton Street and the commercial premise opposite the club (North / Northwest) provide a contribution to the levels recorded as part of this activity.

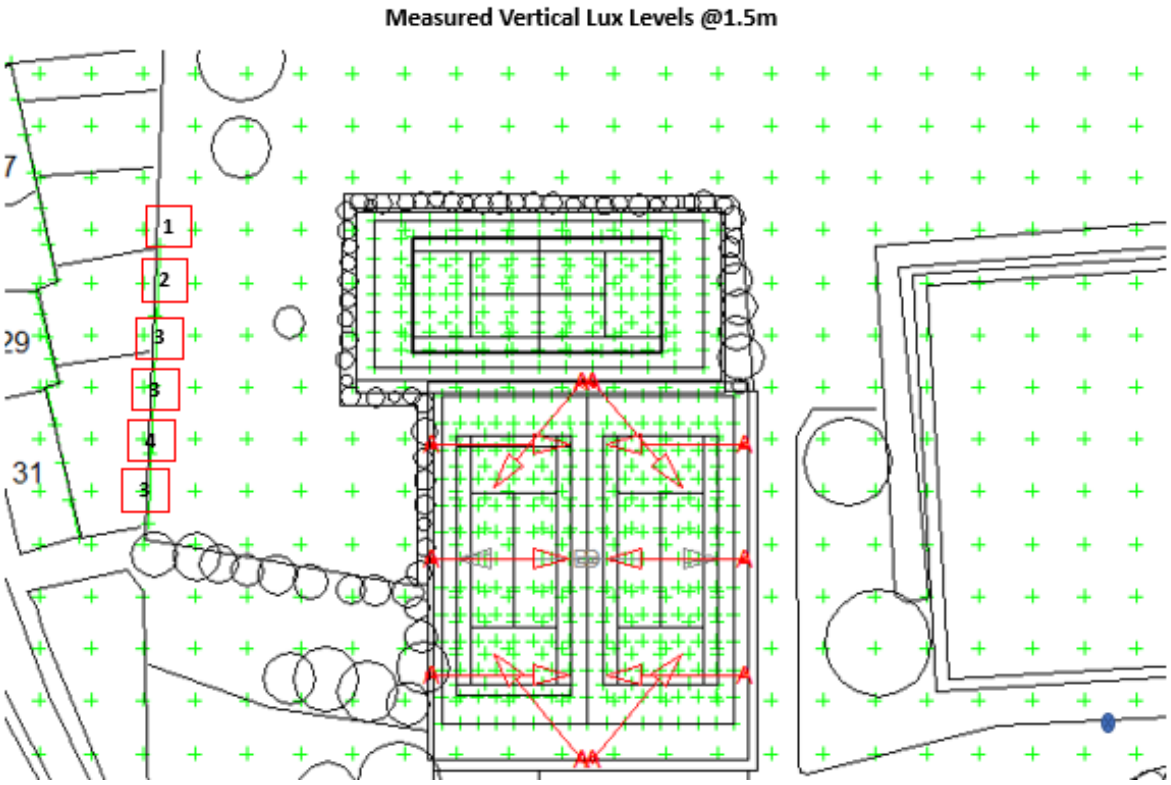
On review the lux levels measured are in line with the submitted lighting design as shown below.



The lux levels recorded at the locations closest to the residential dwellings.



Vertical levels measured are below 5lux at the point of the property boundaries. The rear elevation of the dwellings are a further 6 – 11metres back from the measured locations therefore it is expected the vertical levels at these points will be even lower than the recorded values.



Supporting Site Images

Images of the streetlights affecting the ability to measure the sole effect of the installation.



Day and night images





signify

the meaning of light