

Memo

To	Mr J Toole
From	Daniel Bayles
Date	30 May 2023
Detail	Replacement floodlighting system for 2nd team pitch and associated equipment cabinet Hook Lane Rugby Ground, Hooks Lane, Havant
Planning Ref	APP/23/00345
EH Ref	CONS 23 01459

COMMENTS

Light is a trans boundary energy pollutant, the physics of which are like sound. I have undergone training in standards for light. I have dealt with similar applications for floodlights on athletic tracks, hockey pitches, tennis courts and multiuse games areas (MUGA's). However, I am not an expert like I am in Acoustics for that level of expertise a member of the Institute of Lighting Professionals (ILP) may need to be instructed.

The Rugby Football Union (RFU) has produced the, "Floodlight Installation and Management Guide," available online at

<https://www.englandrugby.com//dxdam/d1/d176970b-b1dd-4f7d-b06f-1feb55a41977/RFUguidetofloodlighting.pdf>

The Lawn Tennis Association (LTA) and other sporting bodies have similar guidance. When followed my experience is that these guides avoid complaints and ensure the playing surface is properly lit. These guides cover the pitch light levels (measured in Lux), uniformly of the light and glare. Glare is when there is a bright light source in the eye's field of vision making it difficult for the eye to see. I cannot find confirmation this design conforms to the RFU's guide. We need confirmation that it does.

To avoid glare it is usual for lamps to be flat (parallel to the ground). However, I note these lamps will be tilted by 35°. This could cause glare to properties and users of Hook Lane. We need confirmation glare will not be an issue to neighboring properties and users of Hook Lane.

Noise could be a problem, especially late at night. I note a 21:15 curfew is mentioned in the application. This should be included as a condition to protect harm to the amenity from noise

Recommendation

Approve with condition and confirmations

Confirmations

1. The lights will not cause glare to neighboring properties and users of Hook Lane
2. The design confirms to the Rugby Football Union's (RFU) Floodlight Installation and Management Guide

Conditions

The lights hereby approved shall not be switched on before 08:00 and shall be switched off after 21:15.

Regards

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