



Brooklands Sports Club
Georges Road, Sale, Cheshire M33 3NL
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secretary@brooklandssportsclub.co.uk

To Whom it may concern

28th June 2024

Dear Neighbour

Floodlight Upgrades

We are writing to advise you that the Club will shortly be submitting a planning application to upgrade our floodlights as detailed below. The upgrades to the floodlights used for sport will reduce our power consumption and reduce our carbon footprint.

The following works are proposed

1. Upgrade existing hockey pitch floodlights to provide up to 500 lux
2. Upgrade existing tennis courts floodlights to provide 500 lux
3. Provide additional floodlights to light two more tennis courts
4. Extend use of tennis courts floodlights to 22.00 hours Monday to Friday

All floodlights are currently halide lamps. These will be changed to LED lamps which have a much longer life span and have a more controlled light spillage.

Benefits

The upgrade of the floodlights will provide the following benefits:

1. Provide the recommended lux levels for playing hockey and tennis ensuring the safety of our members.
2. Provide flexibility on the use of floodlights on the hockey pitch.
3. Provide more opportunities for tennis to be played in the summer and winter evenings.
4. Comply with tennis league regulations for use of floodlights for the league fixtures.

The design takes account of the site's location within a Suburban Environment and the designer has proposed a luminaire with excellent spill control systems to ensure that the amenity of residents will be kept to a minimum. On the following two pages light spillage diagrams show effect on neighbouring properties. The table below provides an understanding of light levels in the environment.

Light Source	Horizontal Lux
Full Moon	0.3 to 0.5
Street Lights – Footpath	3 to 10
Street Lights – Residential Area	5 to 15
Typical City Centre Car Park(non retail)	20 to 30
Office/Classroom	250 to 750
Professional Stadium	800 to 2500
Sunny Day	80,000 to 120,000

The proposals will have no adverse impact on residential amenity. The new floodlights will provide the optimum sports lighting solution, ensuring that light reaches the sports surface and not into the sky or polluting the environment.

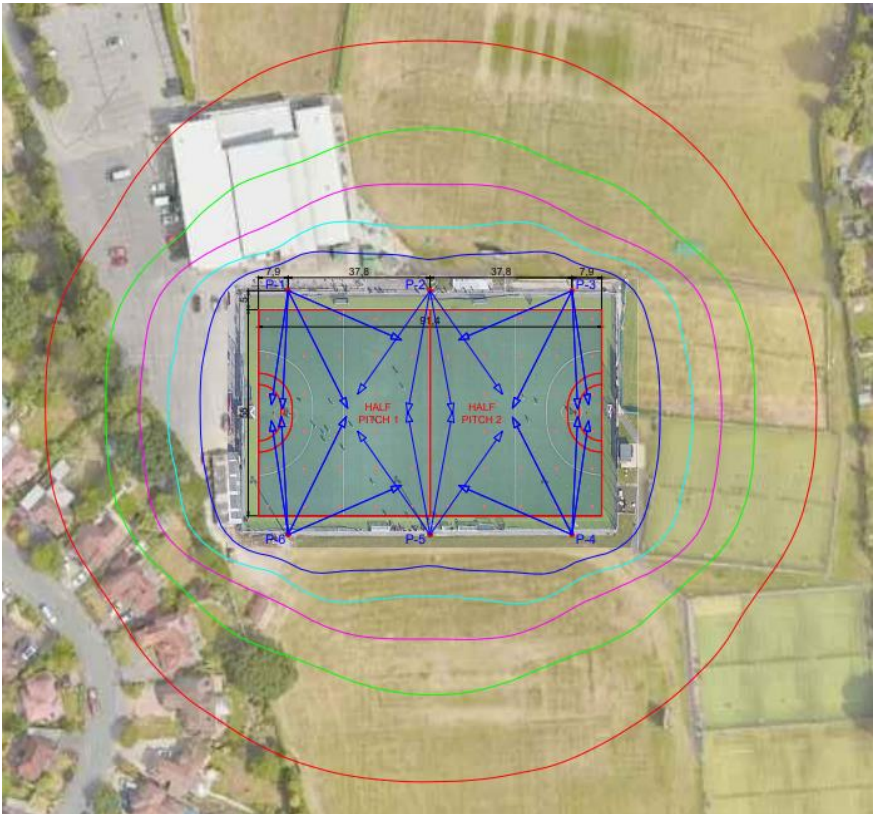
If you have any questions please can you contact myself on 07825430206 or email me at healthandsafety@brooklandssportsclub.co.uk

Yours sincerely

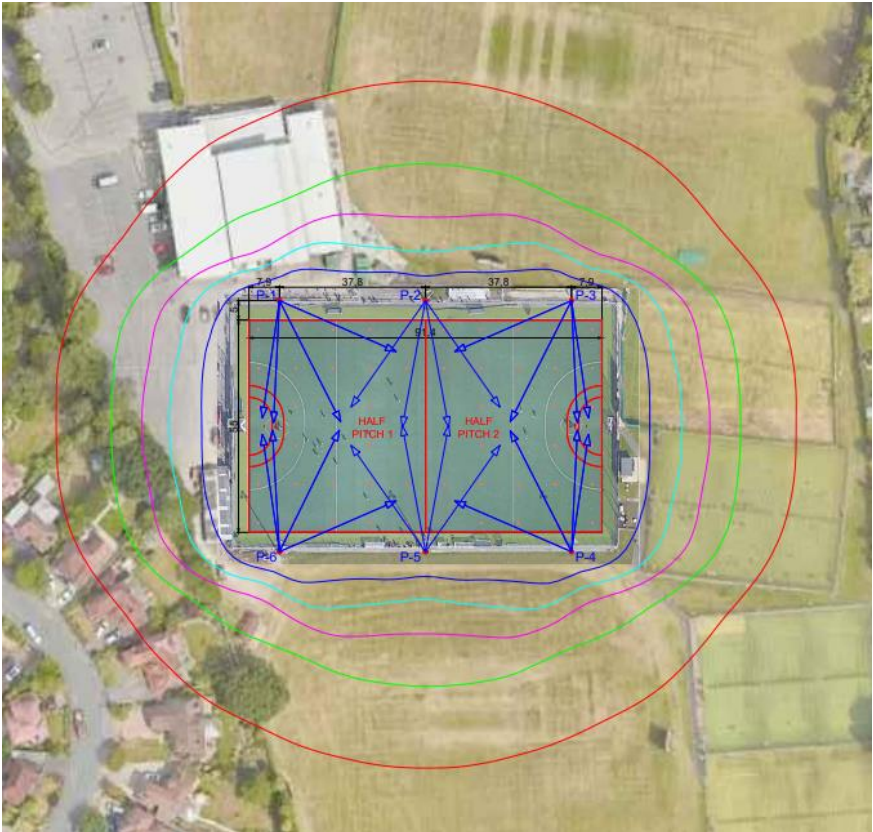


Rick Summers
 Director, Brooklands Sports Club

For the hockey pitch no account has been taken of the adjacent buildings, fence and trees which will further diffuse the light spillage.



500 Lux



350 Lux

For the existing tennis courts no account has been taken of the fences and trees along the boundary line which will further diffuse the light spillage.



For the new floodlighting of tennis courts 6 and 9 account has been taken of the fences and trees showing how the light will be diffused.

