

Project: BH0056 Prestwich Travel Hub
Title: Condition 44 – Full lighting receptor based spill calculations
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Rev & Date: 01 | 12th August 2026

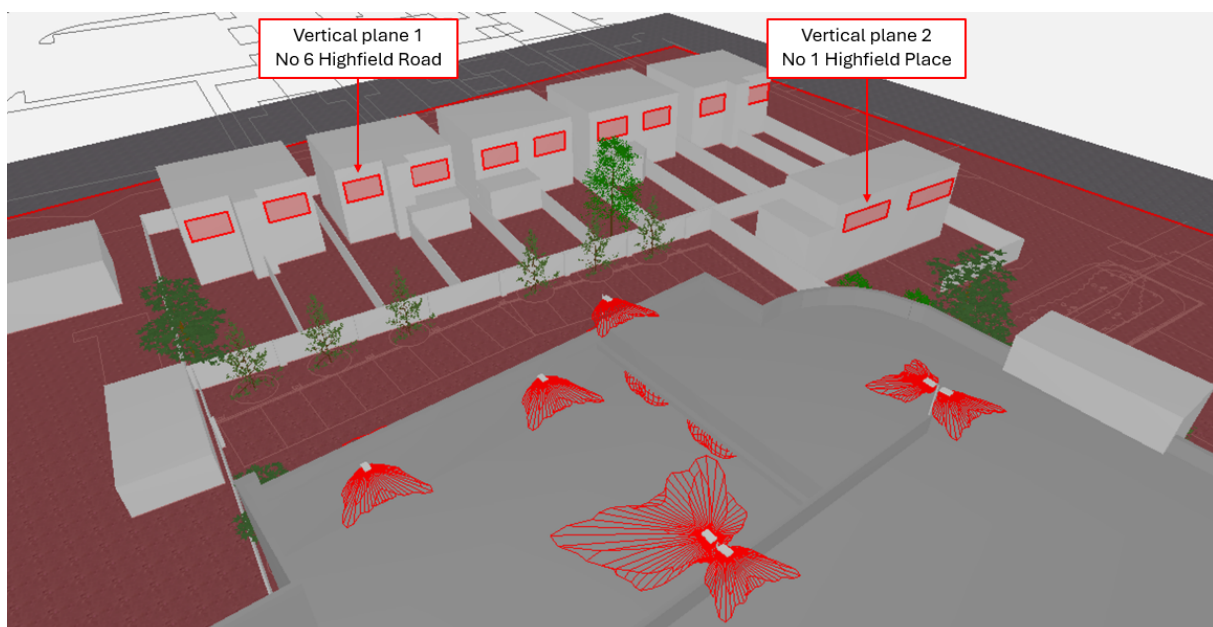
General Note:

This document is issued without prejudice or favour.

This document is issued to describe the further obtrusive lighting calculations undertaken by VBL / 24-7 Group in respect to planning condition 44 pertaining to the above mentioned development.

Identification of vertical measuring planes:

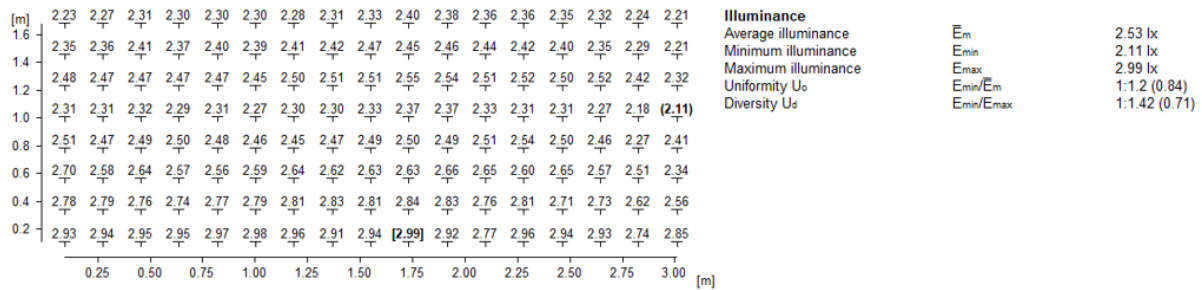
From the original calculations it was aparent that the worst affected first floor windows on both vertical measuring planes were properties No 6 Highfield Road and No 1 Highfield Place. The revised vertical planes are detailed below.



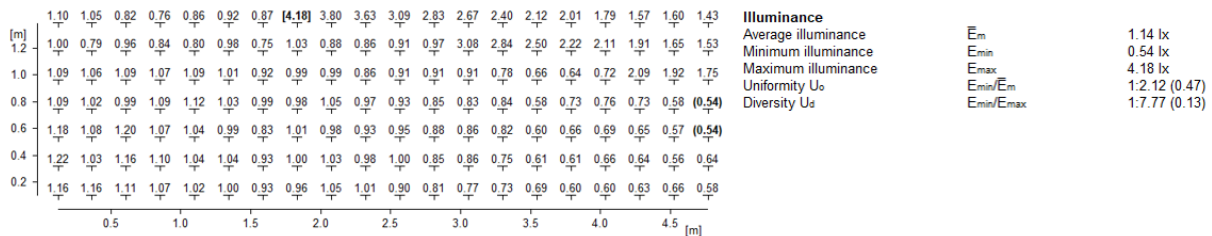
Lux grid on the vertical planes:

24-7 undertaken calculations to provide the vertical lux grids for these two receptor based planes.

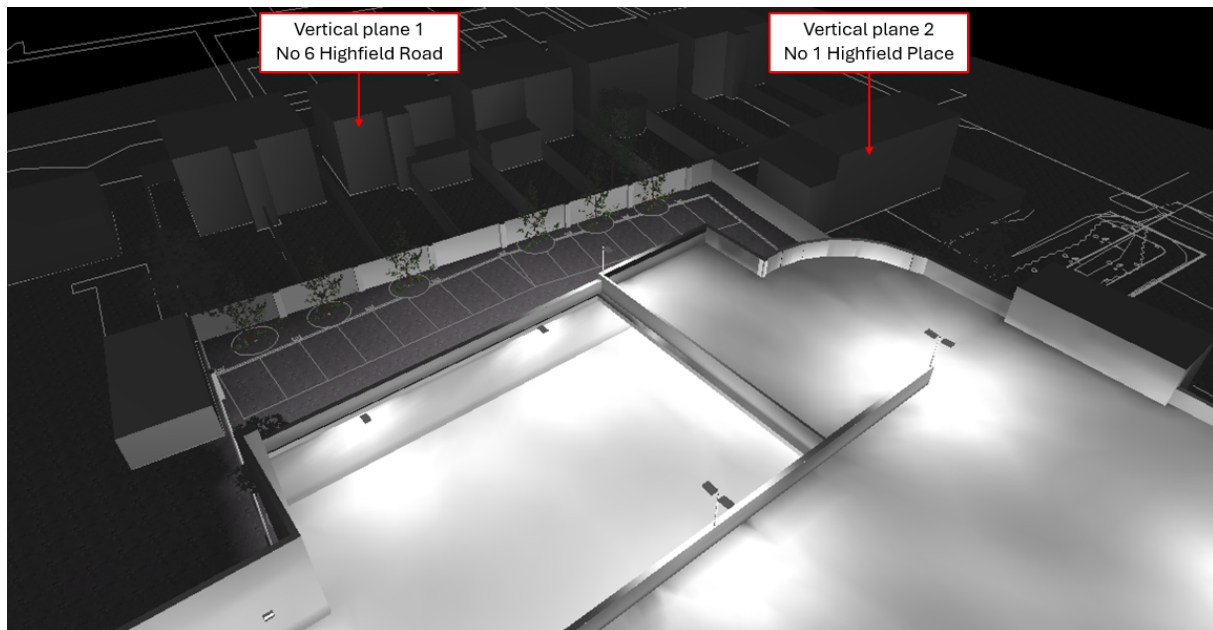
Vertical plane 1, first floor windows – (6) Highfield Road, Prestwich

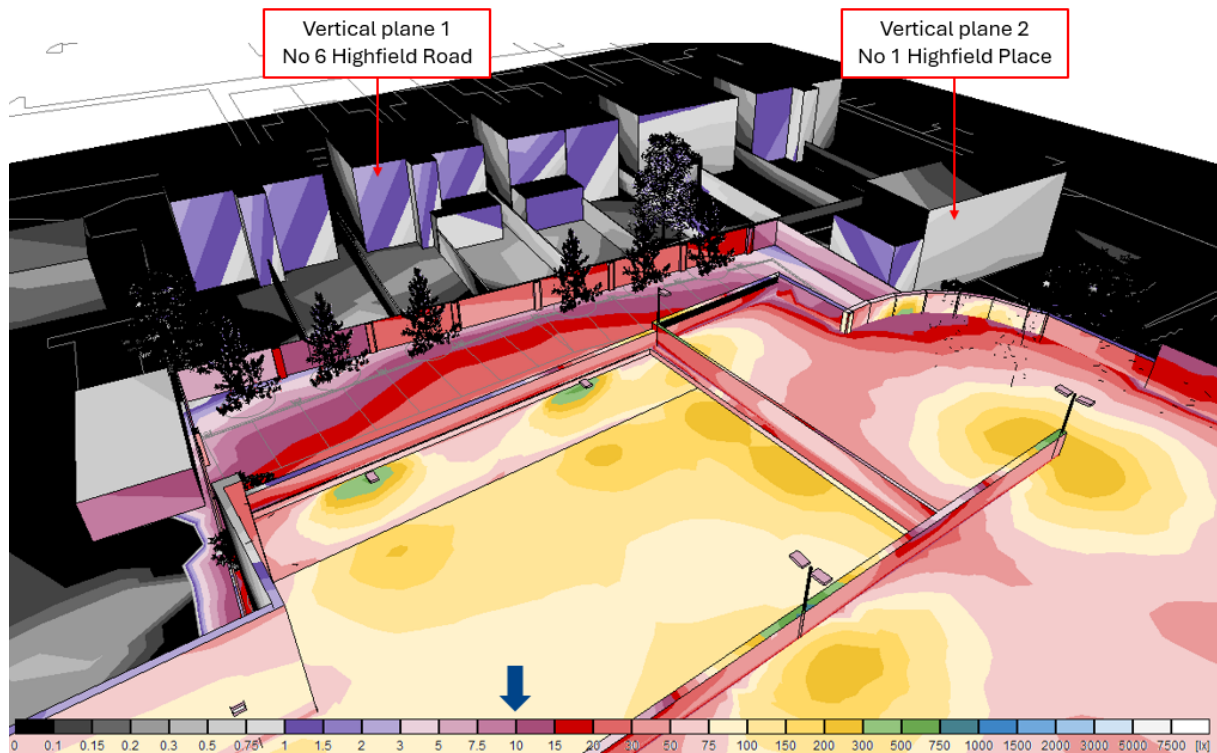


Vertical plane 2, first floor windows – (1) Highfield Place, Prestwich



Modelled results:





Please note – The Limitation of illumination on surrounding premises pre-curfew illuminance, as described ILP guidance note 01/21 is highlighted by the blue arrow (10 lx).