

Lighting Statement

To be read in conjunction with lighting report JdB20231124 - V1

The Dialux pdf shows the proposed luminaire layout on page 11 and the resultant light output indicated on page 9.

Lighting levels are based on Shell spec and colour light output 5700k.

Monitored areas are shown calculation grids (CGxx) indicated on page 21 and listed on pages 22& 23. Notably;

Spill onto the road (CG5) is contained by the use of asymmetric optics and low level lighting down to a level that is well below that which will be more than washed out by the fairly substantial street lights both directly in front of and opposite the site.

Included spill plots to the adjacent house (140) and the one behind (46) are substantially less than 1 lux (perceived moonlight) level as required for compliance in this type of location. (No plot included to no.130 as this has a solid wall with no windows on this side).

Additionally, we have supplied a spill plot on the stream area at an assumed ground level (because we cannot see it) which is again below the 1 lux threshold and likely will be less than that especially if this is significantly below the ground level of the site.

Rear masks have been included on the back of the lamp post fittings where used and the lamp posts have all been indicated at 5m which is a lot less the nearby street furniture and in proportion to the canopy total height.

Bever Innovations