



**Ref: Valiants Farm Lighting Proposal**

**To Whom This May Concern**

With reference to the lighting design proposal produced by the Ansell Lighting lighting design department, the external lighting plot has been proposed in compliance to the CIBSE SLL Lighting Guide 06: The External Environment, CIE 150:2017 Guide on the limitation of the effects of obtrusive light from outdoor lighting installations, and CIE 126-1997 Guidelines for minimizing sky glow.

Taking into account the environment where the site is located, this can be assessed as Environmental Zones 1 – Dark – ‘Relatively uninhabited rural areas, National Parks, Areas of Outstanding Natural Beauty, IDA buffer zones etc.’ and Zone 2 – Low district brightness – ‘Sparsely inhabited rural areas, village or relatively dark outer suburban locations’

In consideration of avoiding light obtrusion; in the vertical plane it is no greater than 5lx in pre-curfew and 1lx post-curfew.

The upward light ratio value in consideration for the natural environment has been ensured to not exceed 2.5lx.

By mounting luminaires at as low a height as possible and angling them no greater than 30°, the impact of light upon surrounding areas, where light is not required, is greatly reduced.

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