

## **4/25/2198/0F1 - LAND AT HODBARROW NATURE RESERVE, MILLOM (Re-consultation)**

Thank you for re-consulting Friends of the Lake District on the above application, following the submission of further information by the applicant.

The External Lighting Strategy Statement dated April 2025 does not appear to have been superseded but is now supported by two technical drawings showing proposed lighting columns in the car park area (10) and wall lights (6) to light the walkway around the proposed building.

### **Light Spillage**

The additional documents show some light spillage will take place outside the development area. This could potentially be reduced by lowering the mounting height of the columns (currently shown as 5m) and this should be considered in accordance with the Cumbria Good Lighting Technical Advice Note (Primary lighting principle 6) (TAN).

### **Colour Temperature**

We are pleased to see that the developer has addressed our previous comments relating to colour temperature with regards to the car park lights, with Drawing 3468-CWC-XX-XX-DR-E-6001 showing they will be 2200k. It is not clear however what colour temperature the wall lights will be, and we recommend a condition is attached to any planning consent limiting it to 2400k or below for all external lighting. This is particularly important given the location of the site next to important habitats.

### **Brightness**

The table at the top of drawing 25-142-1A seems to suggest that the brightness of the car park lighting will be over 3000 lumens per luminaire (upto 3589 lumens in some cases). There is no justification for such bright lighting in this sensitive location, particularly as light will spill outside the development site.

The TAN recommends that lights should be no brighter than necessary (primary lighting principle 3). Whilst the TAN makes no specific recommendations relating to brightness in relation to this kind of use, for comparison it recommends that domestic lighting is no brighter than 1000 lumens per luminaire (summary document, page 8).

We recommend this element of the scheme is revised.

### **Internal Lighting**

The TAN recommends that internal light spillage should be minimised, therefore measures should be put in place to minimise, or ideally prevent, light spill from the proposed large, glazed roof area.

The TAN recommends the use of measures such as internal blinds, external shutters (on a timer/sensor) and/or tinted or electrochromic glass. With the exception of internal blinds, such measures could be controlled by condition and would give the greatest certainty of limiting the effects on wildlife and landscape character of the site.

### **Timing**

The documents state that lighting shall only operate for a brief period at dawn and dusk when these times coincide around the normal operational hours of the Visitor Centre. Again, a planning condition should be attached, should consent be granted, to ensure lighting is only used when necessary, reducing the impacts on biodiversity and tranquillity.

### **Summary**

Whilst we support the aims of the overall development and are grateful to the applicant for submitting further details regarding external lighting, the additional information has raised a number of concerns as set out above. These can be addressed through some minor changes to the scheme and the use of conditions.