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3rd April 2023

Lighting Design Report for Global Centre of Rail Excellence Phase 1, Client Ref GCRE0001-ARC-XX

Dear Rob.

Please find attached a copy of the Lighting Design Report which should be read in conjunction with the RELUX Lighting Design Calculations Reports, issued under separate cover.

We have also provided a summary PowerPoint Show file outlining the objectives and results for ease of presentation. This presentation contains numerous images taken from the lighting software results to show the distribution of light using pseudo colour plots.

The following report details the assessment of your proposals to install lighting at the above project to conform with statutory regulations and implied regulations through Health & Safety, where they exist. There are recommendations made in view of the site being located in an area of outstanding natural beauty, and the compliance with the Dark Skies Initiative.

These reports may take some time to digest but please feel free to ask about anything of which you are unsure. Please note that the orientation of each graphic that accompanies it has been set to use the same aspect across the report to make explanation to 3rd parties simpler.

This report is accompanied by the lighting design calculations reports, as detailed above, the product datasheet, CAD layouts with both ground and sky illumination. There is also a separate report on the product selection, operation and maintenance, regarding switching, etc, as previously discussed.

Yours sincerely,

Neil Tomkinson
The Lumen Architect