



ELECTRICAL SERVICES LTD
Specialist Contractors

PUBLIC LIGHTING – FLOODLIGHTING – SPORTS LIGHTING

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27th March 2024

RE: REF: SDZ23A/004 Condition 19 & 23.

To Whom it may concern,

The lighting configuration has been carefully selected to achieve illuminance levels as recommended in EN13201-2:2015 and where relevant I.S.EN17210-2021 whilst minimising light spill and avoiding over lighting. This is achieved by a combination of optimised column height & location, luminaire Wattage and optical setting. All luminaires proposed have high performance street lighting specific optics designed to get the light onto the target area thus minimising spill light. Drawing number 'SES 17022 Rev E Sheet 1 - Clonburris Adamstown Extension - Public Lighting Layout - Clear Real Estate Holdings Limited.pdf & SES 17022 Rev E Sheet 2 - Clonburris Adamstown Extension - Public Lighting Layout - Clear Real Estate Holdings Limited.pdf' has horizontal isolux contours detailed; this demonstrates extents of any horizontal light spill.

Additionally the public lighting layout has been designed in tandem with the landscaping and SUDS drainage layouts, this ensures clashes between tree canopies and SUDs drainage areas has been avoided.

We have liaised directly with South Dublin County Council Public Lighting Department and they have advised our proposed public lighting strategy is satisfactory.

Yours Faithfully

Alex Naper
Lighting Engineer