A1 - DO NOT SCALE



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Luminaire Legend

X1A

IP44 rated, downward directional wall luminaire, mounted at 1.8m AFFL with integrated PIR movement sensor. As Green Lighting PIR Wall Light GL-203/BLK or equal and approved.
Fitted with a GU10 lamp holder. Developer to provide an LED 2700K (355lm / 5.5W) lamp to be installed.

(Photometric data for calculation purposes is based on the bare lamps, as photometric data for the entire luminaires are not available.)

Isoline Legend

- = 10 Lux
- = 5 Lux
- = 4 Lux
- = 2 Lux
- = 1 Lux
- = 0.5 Lux
- = 0.2 Lux

Notes

1. This drawing is provided for planning purposes to show the external lighting strategy, and should be developed at technical design stage.
2. Luminaire positions are indicative and will be subject to final site layout.
3. Levels of illuminance are calculated and shown at ground level. Calculations are based on luminaires at full output/ maintenance factor = 1 to represent the worst case scenario for assessment purposes.
4. Isoline contours represent values of illuminance calculated in lux.
5. The lighting design has been provided in accordance with the Clients requirements, instruction and risk assessment. The lighting provided is intended to aid in wayfinding only - and not to provide task illuminance.
6. The external lighting shall be provided in accordance with the requirements for an E2 Environmental Lighting Zone, to minimise the impact on bats and the environment. Refer to the ILP Guidance Note for the Reduction of Obtrusive Light (GN 01).
7. Lighting has been specified in accordance with the recommendations within the Institute of Lighting Professionals (ILP) and Bat Conservation Trust (BCT) (2023) Guidance Note 08/ 23 Bats and Artificial Lighting in the UK.
8. All luminaries have been specified in 2700K warm white, and will be downward directional with 0% upward light output to minimise the impact on the environment and bats.
9. All building mounted luminaires (X1A) to operate via an integral PIR motion sensors activated on a short 1 minute timer.
10. Wiring schematics and full details of equipment locations to be provided at the technical design stage.
11. This drawing should be read in conjunction with all relevant architectural, structural, mechanical and electrical services information.
12. Refer to accompanying Designers Risk Assessment for details of design risks identified.
13. Do not scale from this drawing.
14. All measurements are in millimetres unless stated otherwise
15. All symbols used are generic and should not be considered as true representations of size or dimensions of actual luminaires.

Rev	Details:	By / Reviewed	Date
P02	Updated Site Plan	TB / BB	12.06.24
P01	Preliminary Issue	TB / BB	07.06.24

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CLIENT
Simon Patience New Homes Ltd

PROJECT TITLE
Greenacres

DRAWING TITLE
External Lighting Strategy
Levels of Horrizontal Illuminance Shown at Ground Level from External Lighting Only
Full Output Shown (MF=1)

SCALE AT A1
1:250

DISCIPLINE
Lighting

DRAWING NUMBER
1406-LB-EX-XX-DR-E-7080-21
Project - Originator - Zone - Level - Type - Role - NBS class - Sequential Number

STATUS
Preliminary

ISSUE
P02