



- Notes**
- This drawing is provided for planning purposes to show the external lighting strategy, and should be developed at technical design stage.
 - Luminaire positions are indicative and will be subject to final site layout.
 - 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.
 - The model is based on calculations on a flat ground plane. No topography or proposed levels have been built into the calculation model.
 - Isoiline contours represent values of illuminance calculated in lux. Lux contours are shown down to a value of 0.2 lux.
 - 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.
 - 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.
 - The proposed lighting has been designed to the parameters of an E2 zone, in accordance with the ILP Guidance Note for the Reduction of Obtrusive Light (GN 01).
 - All luminaires have been specified in 2700K warm white to minimise the impact on bats.
 - All lighting proposed will be downward directional with 0% upward light output.
 - All building mounted (X1) luminaires to operate via an integral PIR motion sensors activated on a short 1 minute timer.
 - Wiring schematics and full details of equipment locations to be provided at the technical design stage.
 - This drawing should be read in conjunction with all relevant architectural, structural, mechanical and electrical services information.
 - This design is based on a desktop study, on the information provided by others, with no site visit having been undertaken. The use of this drawing does not absolve the client from his responsibilities under the Health and Safety: The Construction Design and Management Regulations 2015. The Contractor should undertake a thorough Risk Assessment prior to undertaking any installation works.
 - Refer to accompanying Designers Risk Assessment for details of design risks identified.
 - Scaled for planning purposes only.
 - All measurements are in millimetres unless stated otherwise
 - All symbols used are generic and should not be considered as true representations of size or dimensions of actual luminaires.

This Drawing is protected by Copyright. It may not be reproduced in any form or by any means for any purpose without the written consent of The Lighting Bee Ltd. Scale for planning purposes only. All Dimensions to be checked on Site and verified prior to commencing Works / Manufacture. Any discrepancies to be reported to The Lighting Bee Ltd. These Drawings reflect the layouts for the purposes of planning stage design only (up to RIBA Stage 3). The Contractor shall be responsible for producing their own Working and Co-ordination drawings prior to commencing their installations. If these drawings are used for Construction purposes it is done so at the Contractor's Risk.

Luminaire Legend

X1
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 bare lamps, as photometric data for the entire luminaires are not available.)

Legend

— = Site Boundary

Isoiline Legend

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

P02	Minor Update	TB / BB	23.03.26
P01	Preliminary Issue	TB / BB	03.03.26
Rev	Details:	By / Reviewed	Date



The Lighting Bee Ltd
22 Berkshire Drive, Exeter, Devon, EX2 1NF
Tel +44 (0)1840 054601 | www.thelightingbee.co.uk

CLIENT



PROJECT TITLE
White Street
West Lavington

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

SCALE AT A1
1:500

DISCIPLINE
Lighting

DRAWING NUMBER
1710-LB-EX-XX-DR-E-7080-21

Project - Originator - Zone - Level - Type - Role - NBS class - Sequential Number

STATUS
Preliminary

ISSUE
P02