



Type EX2 Luminaire (Building Mounted)  
Thorux Realta High Performance Luminaire designed to minimise light pollution and energy consumption  
All Building Mounted Luminaires to be complete with integral smart controls carrying out the following functions:-

- Luminaire to illuminate when presence detected
- Luminaires will dim to a pre-set level when no activity detected, switching off after a pre-set time if no further activity detected
- Luminaire will operate in groups per elevation
- Motion detection will be set to pick up ground activity to ensure luminaires are not activated by Bat Activity
- Photocell to hold off lighting during daylight hours
- Capability to provide further restrictions during bat nesting season

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All other design team elements, where indicated, have been imported from the consultant's drawings and reference should be made to the individual consultant's drawings for exact setting out, size and type of component.

Discrepancies and / or ambiguities within this drawing, between it and information given elsewhere, must be reported immediately to the architect for clarification before proceeding.

All works are to be carried out in accordance with the latest British Standards and Codes of Practice unless specifically directed otherwise in the specification.

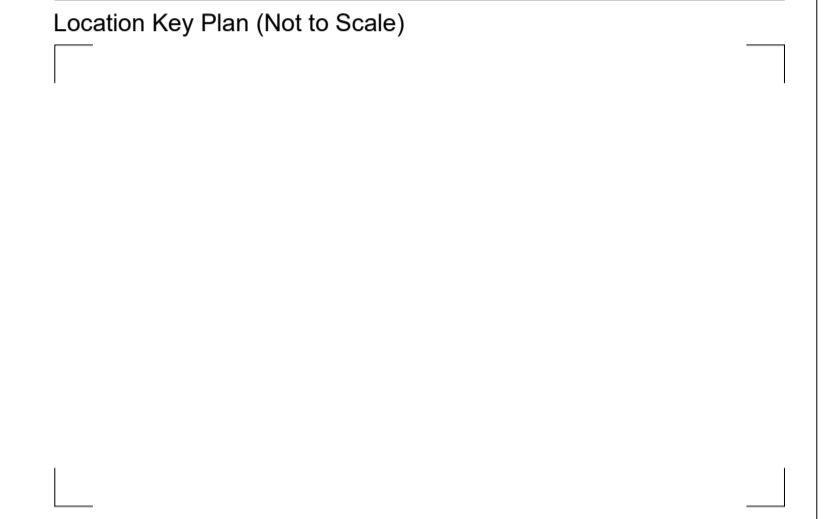
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**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**  
Refer to the relevant Construction (Design and Management) documentation where applicable.

It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.



- Notes:**
- In accordance with BREEM Hea 01 - External Lighting  
All external lighting located within the construction zone is designed to provide illuminance levels that enable users to perform outdoor visual tasks efficiently and accurately, especially during the night. To demonstrate this, external lighting provided is specified in accordance with BS 5489-1:2013 Lighting of roads and public amenity areas3 and BS EN 12464-2:2014 Light and lighting - Lighting of work places - Part 2: Outdoor work places.
  - In accordance with BREEM Po4 - Light Pollution  
The external lighting strategy has been designed in compliance with Table 2 (and its accompanying notes) of the ILP Guidance notes for the reduction of obtrusive light, 2011.
- All external lighting (except for safety & security lighting) can be automatically switched off between 23:00 and 07:00.
- If safety or security lighting is provided and will be used between 23:00 and 07:00, this part of the lighting system complies with the lower levels of lighting recommended during these hours in Table 2 of the ILP's Guidance notes.

Rev	Description	By/Chk'd/ App'd	Date
P01	Work In Progress Issue	MH	14.07.2022

Purpose of Issue  
**S3 - Fit for information**

Client  
**Grwp Ilandrillo-Menai**

Project  
**Welsh Sheep Centre - Campws Glynliffon**

Drawing  
**Proposed Site Plan  
Proposed External Lighting**

Scale @ A1	Drawn	Checked	Approved
1 : 250	M.H		

Project No.	Date
ED/098555-62	01.07.22

Drawing Identifier	level	file type	role	BS1192 / Uniclass Compliant
WSC-CAP-XX-XX-DR-E-63-0001	P01			

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