

Discharge of Planning Condition 08 – External Lighting Scheme

Site: Ravenscourt, Neville Street, Longridge, Preston, PR3 3FD

Planning Condition (08):

No external lighting shall be installed on the dwellings hereby approved, or elsewhere within the site, until details of the scheme for any external building or ground mounted lighting/illumination have been submitted to and approved in writing by the local planning authority. For the avoidance of doubt, the submitted details shall include, luminance levels, and demonstrate how any proposed external lighting has been designed and located to avoid excessive light spill/pollution and shall include details to demonstrate how artificial illumination of important wildlife habitats is minimised/mitigated.

1. Lighting Scheme Overview

External lighting has been designed to provide safe and effective illumination for access and security while minimising unnecessary light pollution and avoiding impact on wildlife.

Two light types are proposed:

- Front Entrance:
Lutec Focus PIR Outdoor Wall Light
 - Location: Beside the front doors
 - Sensor-activated: Motion-only operation
 - Max. 2 x 7W GU10 LED bulbs
 - IP44 weather rating
 - Adjustable light duration (10 sec – 10 min)
 - Adjustable light sensitivity (10 LUX – daylight)
 - 120° sensor range up to 10m
 - Height installed approx. 2.5m
 - Datasheet provided
- Around Remaining Elevations:
Franklite Outdoor Wall Light (Model: X1-Boost G4)
 - Location: Rear and side elevations as shown on the annotated plan
 - Low wattage LED-compatible fitting
 - Controlled by PIR sensors or manual switches (as applicable)
 - Designed for downward-focused, local illumination only
 - Datasheet provided

2. Light Spill & Wildlife Impact Mitigation

The scheme has been designed in accordance with the principles of reducing light pollution and protecting wildlife:



- - Motion-Activated Lighting: All wall lights operate via PIR motion sensors or manual control with no dusk-to-dawn or constant illumination.
- Low Output: LED bulbs used across the site are energy-efficient and of limited intensity (max 14W per unit for Lutec, comparable or lower for Franklite).
- Directional Beam: All fittings are down-facing, mounted close to the structure, ensuring controlled and localised illumination with minimal upward or sideways spill.
- Wildlife Protection: The absence of constant lighting, combined with the use of motion sensors, ensures that nocturnal wildlife experiences minimal disturbance.
- Residential Amenity: No high-level floodlighting or bollard lighting is included. This helps maintain dark skies and limits overspill onto neighbouring properties.

3. Luminance and Layout

- - Luminance levels are constrained by low-wattage, warm white LED bulbs (GU10 format), avoiding harsh glare.
- Annotated Site Plan (Drawing JM-0263 BR-01) clearly marks:
 - Lutec fittings at front doors
 - Franklite fittings around the rear and side elevations of each unit
 - Locations are referenced and labelled for clarity

4. Conclusion

This proposed lighting scheme provides necessary illumination for safety and security without compromising the amenity of neighbouring properties or the habitat of local wildlife. The use of low-energy fittings and motion sensors demonstrates a responsible, environmentally considerate approach to external lighting.

	Lutec Focus
	Franklite Outdoor Wall Light