

Proposed Hotel Development. Hosier Street, Reading.

1. External Lighting

The works as part of the Proposed hotel development will incorporate the following external lighting elements

- Building mounted luminaires
- Under canopy lighting at main entrance
- Roof

1.1 Building mounted luminaires

The external wall mounted luminaires will be positioned in areas of access and emergency escape. The luminaires be positioned that all light will be focused to the ground with minimal light spill.

1.2 Under canopy lighting

Lighting will be placed under the canopy at the main entrance of the hotel to assist with access during dark hours. Lighting will also be provided above the fire escape to deter rough sleepers.

1.3 Roof

Lighting will be provided upon the roof for maintenance purposes. The lighting will be controlled such that it is only in use when maintenance is being taken out on externally roof mounted plant equipment.

1.4 Design standards

In order to minimise light pollution/spillage and energy consumption, the following strategies will be implemented as part of the design;

- External light fittings within the construction zone with:
- Average initial luminous efficacy of not less than 70 luminaire lumens per circuit Watt
- Automatic control to prevent operation during daylight hours
- Presence detection in areas of intermittent pedestrian traffic.
- The external lighting strategy will be designed in compliance with Table 2 (and its accompanying notes) of the Institution of Lighting Professionals (ILP) Guidance notes for the reduction of obtrusive light, 2011.
- External lighting (except for safety and security lighting) will 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 guidance notes

1.5 Indicative External Lighting Provision

The below sketches show indicative locations/types of fittings. This will be further verified and refined during the design phase.



