

Condition 8 of APP/23/00377

Details of any external lighting of the site shall be submitted to and approved in writing by the Local Planning Authority prior to the commencement of the development. This information shall include a layout plan with beam orientation and a schedule of equipment in the design (luminaire type, mounting height, aiming angles and luminaire profiles). The lighting shall be installed, maintained, and operated in accordance with the approved details unless the Local Planning Authority gives its written consent to the variation.

The following applies to all proposed security lighting:

- It is rarely necessary to use a lamp of greater than 2000 lumens (150W) in security lights. The use of a higher power is not as effective for the intended function and will be more disturbing for local wildlife and residents.
- Any lighting should be aimed to illuminate only the immediate area required by using as sharp a downward angle as possible.
- A shield or hood may be used to control or restrict the area to be lit.
- Many security lights are fitted with movement sensors which, if well installed and aimed, will reduce the amount of time a light is on each night. This is more easily achieved in a system where the light unit and the movement sensor are able to be separately aimed.
- If the light is fitted with a timer this should be adjusted to the minimum to reduce the amount of 'lit time'.
- The requirement for security lighting in each instance should be carefully considered and only used where absolutely necessary to deter crime. The use of non-UV LED lighting (preferably using warm spectrum wavelengths of <3000 Kelvin) is strongly recommended to avoid the most deleterious impacts of lighting on local wildlife and residents.

- Please refer to drawing 20058-415A for suggested lighting locations. The recommended height for movement sensor security lighting is approximately 2.5m above ground level, or just above door head height.

Recommended product: **Barrow IP44 Downlight with 5W LED.**

Height: 110mm Width : 67mm Depth : 165mm

Bulb Type: GU10

Bulb Shape: Spotlight

Bulb Wattage: 7W

Colour Temperature: 3000K

Lumens: 450

Lifespan: 20000

