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**Management  
and  
Engineering  
Services Ltd**

**BRUNSWICK CAMP EXTERNAL LIGHTING STATEMENT FOR PLANNING.**

**CLIENT: FAIRHURST**

**Project reference: B2816**

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**Amber Management and Engineering Services Limited**

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## **EXTERNAL LIGHTING STATEMENT.**

The external lighting has been designed in accordance with the current CIBSE/SLL and ILE Institute of lighting codes to achieve a safe access external lighting level whilst adopting a low glare and unwanted upward light spill environmentally friendly lighting solution with lower prescribed lux levels circa 2-5 lux average all as required to suit the local ecology and planning requirements.

The luminaires will have directional optics to ensure the lighting is distributed downwards and also adopt colour 4000k LED lamp technology for low energy, lighting quality, very low UV output and long lamp life resulting in reduced maintenance. The access lighting will be provided via robust low level low glare with zero upward light output lighting bollards to clearly define the access footpaths but limit any light spill to an acceptable level to adjoining areas and spaces.

The external lighting will be controlled via a combination of photo electric cell, time switch and also have a manual override facility. The building mounted plant room lighting will benefit from movement sensor control to ensure the lights are not on when not needed to reduce the overall lighting level during hours of darkness to an acceptable level circa 5-10 lux.

Normal and emergency lighting will be provided via normally healthy luminaires converted in the event of a power failure for a minimum 3-hour duration in accordance with BS5266 and will be the self-test type to reduce ongoing maintenance to clearly identify access routes, escape routes and maintenance areas such as the M&E plant rooms.

Please refer to the indicative external lighting drawing for further details 2816-6000 S1 P1