

03/11/2020

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Dear Gary

**REF: Turing House – BREEAM UK New Construction 2014 - PCA**

**ENE 03 – External lighting**

With regards to Ene 03 external lighting we confirm the following:

1. An automatic external lighting control system that prevents operation during daylight hours through a time clock and a daylight sensor will be in operation for this project which will prevent the use of external lighting between the hours of 2300 – 0600 to comply with the regulations for light pollution.
2. The average initial luminous efficacy of the external light fittings within the construction zone will not be less than 60 luminaire lumens per circuit Watt.
3. All external light fittings will be automatically controlled for prevention of operation during daylight hours by the use of a photocell.
4. All external wall mounted lighting and lighting columns installed are design to provide downward lighting only to minimise glare and overspill lighting pollution.
5. The external lighting has be designed inline with the following design standards:
  - ILP The institution of Lighting Engineers guidance notes for the reduction of Obtrusive light GN01:2011
  - BS EN 1264-2 Lighting of work places – outdoor work places part 2
  - Inline with Contractors proposals FS0316-CPW-ZZ-XX-DR-E-1000- Proposed External Lighting and Security philosophy layout rev P06

Yours sincerely

*R. Atkins*

Richard Atkins  
Electrical Engineer  
On behalf of

**TClarke**

Enc:

External lighting drawing

Turing House – Kingfisher design

EXT B – Quarto data sheet

FS0316-CPW-ZZ-XX-DR-E-1000- Proposed External Lighting and Security philosophy layout rev P06

**TCLARKE CONTRACTING LIMITED**  
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