



# Lighting Design Booklet

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**PROJECT:**

BOORLEY C5

**STREET LIGHTING KEY:**

- SOLAR STREET LIGHT - OSRAM T2**  
**QTY:** 3  
**LANTERN SHAPE:** BATWING  
**WATTAGE:** 5W  
**HEIGHT:** 6m  
**TILT:** 22°  
**LAMP TYPE:** 4000K NEUTRAL WHITE LED  
**MAINTENANCE FACTOR:** 0.81

### STREET LIGHTING SPECIFICATIONS:

All materials shall be to the relevant British standard. Site works shall comply in general with department of transport specification for highway works, and shall also conform to:

- the electricity at work regulations (1989)
- the health and safety at work act
- chapter 8 of the traffic signs manual
- the control of substances hazardous to health regulations 1988
- the construction (design management) (cdm) regulations 2015

Columns shall be installed at the rear of the footway, unless otherwise shown.

Road  
Eav= 1.71  
Emin= 0.01  
Emax= 5.68  
Emin/Emax= 0.00  
Emin/Eav= 0.00  
Emax/Eav= 3.32

|            |                               |             |            |
|------------|-------------------------------|-------------|------------|
| B          | Amended per install locations | 25/07/2024  | BS         |
| A          | First issue                   | 02/10/2023  | BS         |
| <b>REV</b> | <b>COMMENTS</b>               | <b>DATE</b> | <b>INI</b> |

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| <b>Drawn by:</b><br>BEN SHACKLETON   | <b>Drawn Date:</b><br>25/07/2024   |
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**Technical reference:**

2023091

Sheet:  
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| Scale: | NTS |
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| Rev: | B |
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