



Lighting Design Booklet

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PROJECT:
BOORLEY GARDENS, PHASE 1A

STREET LIGHTING KEY:

● **SOLAR STREET LIGHT - OSRAM T2**
QTY: 8
LANTERN SHAPE: BATWING
WATTAGE: 10W
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.

STREET LIGHTING TO BS 5489-1:2020 & BS EN 13201-2:2015
CLASS P5 (Eav 3.00 TO 4.50 LUX, Emin 0.60 LUX)

Grid 1 Results
Eav= 4.47
Emin= 1.11
Emax= 11.50
Emin/Emax= 0.10
Emin/Eav= 0.25
Emax/Eav= 2.58

B	Relocate column 1A addition of lux	28/11/2023	MT
A	First issue	26/10/2022	HW
REV	COMMENTS	DATE	INI.

Drawn by: MIRU TANAPUBADI	Drawn Date: 28/11/2023
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Checked by: MIRU TANAPUBADI	Checked Date: 28/11/2023
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Technical reference:
2022117

Sheet: 1/1	Scale: NTS	Rev: B
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CONTOURS

0.60 lux
1.00 lux
3.00 lux
4.50 lux