



NOTES:

Floodlighting Equipment
4 x 6m Masts (M1-M4)
Each carrying the following Floodlights :-
M1-M4
...1 x Siteco FL21 Midi (S)

Lamps = Siteco LED - 4,000K CRI 70

Illuminance Levels
Initial -
(100hrs) E.i.ave = 133Lux
Maintained -
(4000hrs) E.i.ave = 120Lux
Uniformity
Emin/Eave = 0.70
Emin/Emax = 0.52

Grid values in Lux(initial).
Grid interval = 5m.
Contour values in Lux (initial).
Contours: 5, 15, 25, 50 Lux.

Maintenance Factor = 0.90
(Based on a cleaning interval of 2 years)

Obtrusive Light - Compliance Report

CIE 150:2003, E3-Suburban, Pre-Curfew
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Illuminance
Maximum Allowable Value: 10 Lux

Calculations Tested (3):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_1_Ill_Seg1	PASS	0.1
ObtrusiveLight_2_Ill_Seg1	PASS	0.3
ObtrusiveLight_3_Ill_Seg1	PASS	0.3

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 10000 Cd

Calculations Tested (3):

Calculation Label	Test Results
ObtrusiveLight_1_Cd_Seg1	PASS
ObtrusiveLight_2_Cd_Seg1	PASS
ObtrusiveLight_3_Cd_Seg1	PASS



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PROJECT NAME:
Tower Hill ABC

DRAWING TITLE:
Proposed Floodlighting

DRAWN BY:
JOW

CHECKED BY:
JOW

DATE:
10/06/2026

SCALE:
NTS

DRAWING No:
HLS12309

REVISION:
REV 1

0	12/05/26	ORIGINAL ISSUE	JOW	JOW
1	10/06/26	Labelled Spill lines	JOW	JOW