

Obtrusive Light - Compliance Report

CIE 150:2003, E4-Urban, Pre-Curfew
 Filename: HLS6836 REV1
 20/10/2023 08:16:32

Illuminance
 Maximum Allowable Value: 25 Lux

Calculations Tested (1):

Calculation Label	Test Results	Max. Illum.
Obtrusive 1_Ill_Seg1	PASS	0.0

Luminous Intensity (Cd) At Vertical Planes
 Maximum Allowable Value: 25000 Cd

Calculations Tested (1):

Calculation Label	Test Results
Obtrusive 1_Cd_Seg1	PASS

Notes

Floodlighting Equipment
 4 x 6m Fence Posts (M1-M4)
 Each carrying the following Floodlights :-
 M1-M4
 ...1 x FL11 2 Blade PL33T BLC

Siteco LED - 5,000K CRI 70

Illuminance Levels
Initial -
 (100hrs) E.i.ave = 144Lux
Maintained -
 (50,000hrs) E.i.ave = 130Lux

Uniformity
 Emin/Eave = 0.67

Grid values in Lux(initial).
 Grid interval = 3m.
 Contour values in Lux (initial).
 Contours: 5, 15, 25, 50 Lux.

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



www.halliday-lighting.co.uk

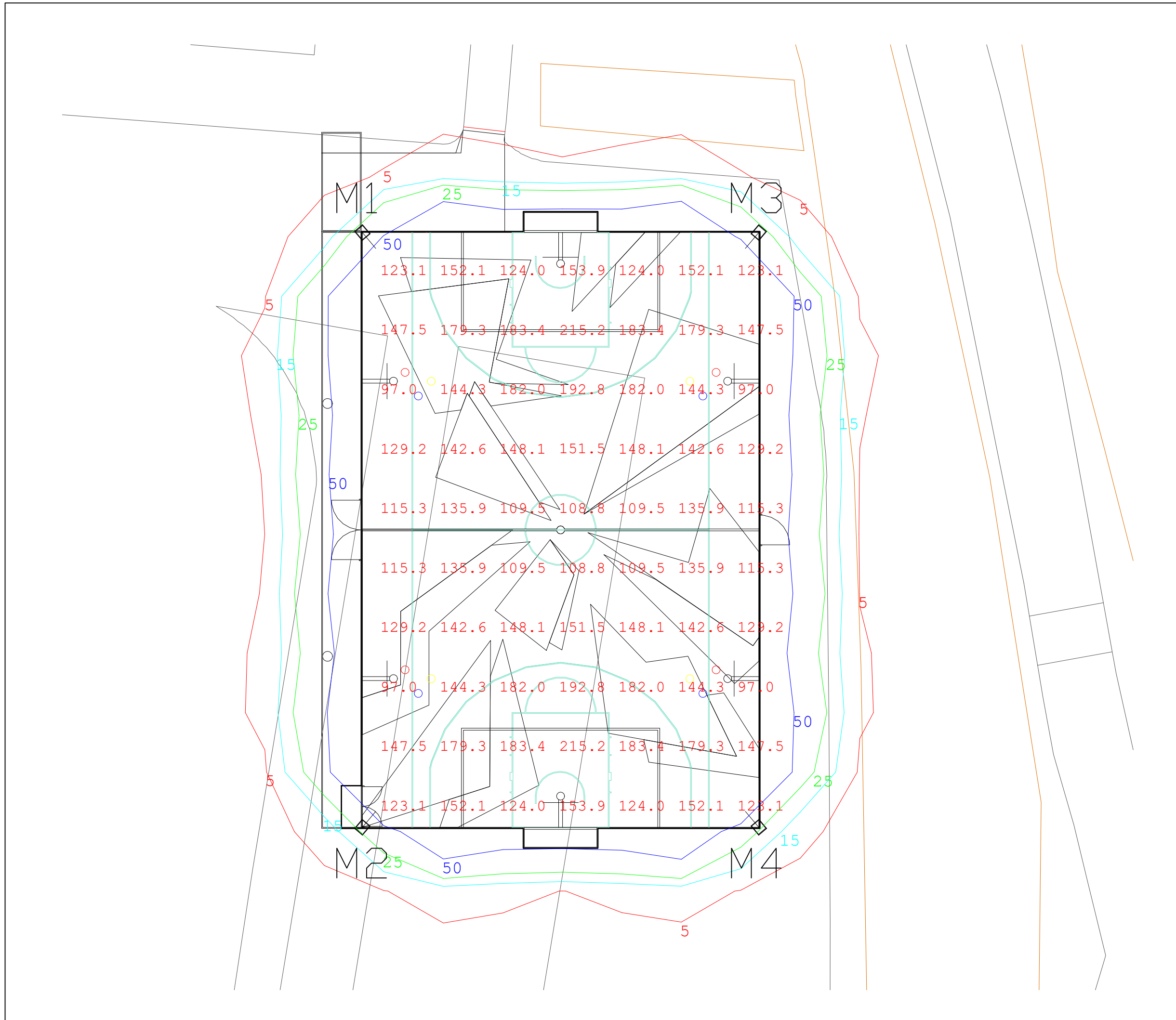
Project
 St Austell Campus - Playzone

Drawing Title
 Proposed floodlighting
 Obtrusive Light Page 1

Drawn By (print) DS	Date 20/10/2023
-------------------------------	---------------------------

Project No 6836	Scale NTS
---------------------------	---------------------

Drawing No HLS6836	Status Proposal
------------------------------	---------------------------



Notes

Floodlighting Equipment
 4 x 6m Fence Posts (M1-M4)
 Each carrying the following Floodlights :-
 M1-M4
 ...1 x FL11 2 Blade PL33T BLC

Siteco LED - 5,000K CRI 70

Illuminance Levels
Initial -
 (100hrs) E.i.ave = 144Lux
Maintained -
 (50,000hrs) E.i.ave = 130Lux

Uniformity
 Emin/Eave = 0.67

Grid values in Lux(initial).
 Grid interval = 3m.
 Contour values in Lux (initial).
 Contours: 5, 15, 25, 50 Lux.

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



www.halliday-lighting.co.uk

Project
 St Austell Campus - Playzone

Drawing Title
 Proposed floodlighting
 Pitch Lighting Page 2

Drawn By (print) DS	Date 20/10/2023
-------------------------------	---------------------------

Project No 6836	Scale NTS
---------------------------	---------------------

Drawing No HLS6836	Status Proposal
------------------------------	---------------------------