

Abacus®

Leaders in Lighting

PITCH – 104 x75m

6 x 15m MASTS (M1-M6)

M1,M3,M4,M6.....1 x AL6001/POS-A/2KW

.....2 x AL6002/POS-A/2KW

M2,M5.....2 x AL6002/POS-A/2KW

LAMPS (PHILIPS):

MHN-FC/2200W/680 (232 000 INITIAL Lm)

ILLUMINANCE LEVELS:

INITIAL (100 Hrs)

E.i.ave = 250 LUX

MAINTAINED (4000 Hrs)

E.m.ave = 200 LUX

UNIFORMITY

Emin/Eave = 0.6

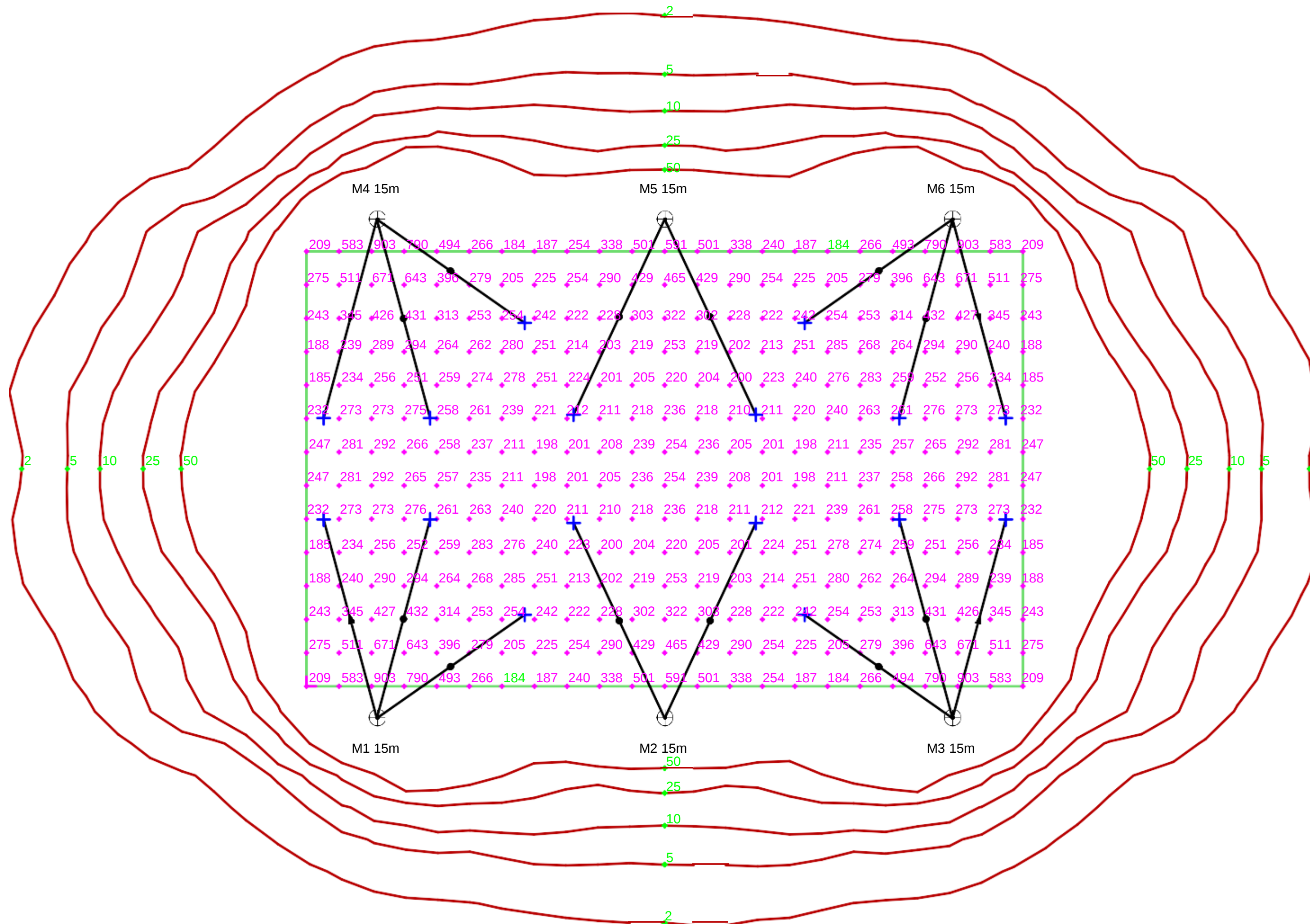
Grid Values in Lux

Grid Interval = 5m

Contour Values in Lux at Ground Level

Contours at 2,5,10,25 & 50 Lux

Maintenance Factor = 0.8



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Notes:-

1) Luminaire Alignment:

Symbol indicates the "reflector alignment axis" perpendicular to the flat face of the main reflector AND the position of the internal overspill shield (where fitted).

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Lighting Project: Buxton FC, Main Pitch Floodlighting

Title: EXTERNAL FLOODLIGHTING

Design Ref: UKS15527

Design By: JOSH EGGINTON

Date: 27/07/2017 Scale: A2 at 1-500

Revision(s) From Previous Design:

All illuminance values are the result of computer calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.

