

FLOODLIGHTING EQUIPMENT:

- 8 x 15m MASTS (M1-M8)
- EACH CARRYING THE FOLLOWING FLOODLIGHTS:
- M1, M4, M5, M8 1 x AL5780/2KW/MH-TS2000W/XL
- 1 x AL5779/2KW/MH-TS2000W/XL
- M2, M3, M6, M7 2 x AL5780/2KW/MH-TS2000W/XL

ALL FLOODLIGHTS TO BE FITTED WITH
OVERSPILL LIMITING BACKSHIELDS

LAMPS (VENTURE):
2KW/MH-TS 2000W/XL/K12/74 (240 000 INITIAL Lm)

ILLUMINANCE LEVELS:
INITIAL (100 Hrs)
E.i.ave = 308 LUX

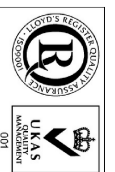
MAINTAINED (4000 Hrs)
E.m.ave = 237 LUX

UNIFORMITY
Emin/Eave = 0.75

GRID VALUES IN LUX
GRID INTERVAL = 5m
CONTOUR VALUES IN LUX
CONTOURS 2.5, 10, 25, 50 LUX VERTICAL @ 3m A.G.L

MAINTENANCE FACTOR = 0.77
BASED UPON:-
DIRT DEPRECIATION FACTOR = 7%
CLEANING INTERVAL = 12 MONTHS
LOCATION = MEDIUM POLLUTION
BULK LAMP REPLACEMENT AT 4000 Hrs
SPOT LAMP REPLACEMENT UNDERTAKEN

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Lighting Project: SWANMORE FOOTBALL PITCH

Title: 200LUX FLOODLIGHTING

Design Ref: UKS7714/2
Revision(s) From Previous Design:
VERTICAL OVERSPILL CONTOURS

Design By: ROB SCOTT

Date: 02/01/2013 Scale: 1:500 @ A2

ABACUS LIGHTING LTD.
Sutton-in-Ashfield, Nottinghamshire
NG17 5FT England
Tel: (+44) 01623 511111
Fax: (+44) 01623 552133
Email: sales@abacuslighting.com
Home page: www.lighting4sport.com

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.