



FLOODLIGHTING EQUIPMENT:

- 14 x 15M MASTS (M1-M4)
- EACH CARRYING THE FOLLOWING FLOODLIGHTS:
- M1.M4.M5.M8.M9.M11.M12.M14..... 1 x AL5767/2K/MH-TS2000WL
- 2 x AL5768/2K/MH-TS2000WL
- M2.M3.M6.M7.M10.M13..... 4 x AL5768/2K/MH-TS2000WL

M1.M2.M3.M4.M12.M13.M14..... FITTED WITH BACK SHIELDS

LAMPS: (VENTURE)
2KW MH-TS2000WL/K-12/4K (240 000 INITIAL Lm)

ILLUMINANCE LEVELS:

MAIN PITCH:
INITIAL (100 Hrs)
E.i.ave = 652 LUX

MAINTAINED (4000 Hrs)
E.m.ave = 522 LUX

UNIFORMITY
Emin/Eave = 0.74

TRAINING PITCH:
INITIAL (100 Hrs)
E.i.ave = 453 LUX

MAINTAINED (4000 Hrs)
E.m.ave = 362 LUX

UNIFORMITY
Emin/Eave = 0.78

GRID VALUES IN LUX
GRID INTERVAL = 5m
CONTOUR VALUES IN LUX
CONTOURS 2.5, 10.25, 50 LUX

MAINTENANCE FACTOR = 0.77
BASED UPON:-
DIRT DEPRECIATION FACTOR = 7%
CLEANING INTERVAL = 12MONTHS
LOCATION = MEDIUM POLLUTION
LAMP LUMEN DEPRECIATION = 17%
BULK LAMP REPLACEMENT AT 4000 HRS
SPOT LAMP REPLACEMENT UNDERTAKEN

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Lighting Project: EXTERNAL FLOODLIGHTING
Title: WARBLINGTON SCHOOL

Design Ref: UKS6416/1
Revision(s) From Previous Design:

Design By: JOE WITTON
Date: 10/09/2010 Scale: 1:750 @ A2

All illuminance values are the result of computer calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the space under examination. It provides the values they may give to observers on luminaires, luminaire positioning, observer properties and detection setup.

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