

HORIZONTAL OVERSPILL

VERTICAL OVERSPILL

**Abacus**<sup>®</sup>  
Leaders in lighting

**ABACUS REF : RU10\_06 ©**  
**RUGBY CLASS I**  
**MATCH STANDARD**

**FLOODLIGHTING EQUIPMENT**  
4x30m MASTS(M1-M4)  
EACH CARRYING THE FOLLOWING FLOODLIGHTS:-  
M1-M4.....10 x AL5900/2KW - NARROW BEAM  
.....13 x AL5900/2KW - MEDIUM BEAM  
.....3 x AL5900/2KW - WIDE BEAM

**LAMPS:**  
PHILIPS - MHN-SB 2KW 400V/956 (200000 INITIAL Lm.).

**ILLUMINANCE LEVELS**  
**A) INITIAL(100 HRS)**  
E.i.ave=1352 LUX.

**B) MAINTAINED(4000 HRS)**  
E.m.ave=1041 LUX.

**UNIFORMITY**  
Emin/Eave=0.73  
Emin/Emax=0.53

**MAXIMUM GLARE RATING(GR)=47**

**GRID VALUES IN LUX(INITIAL).**  
GRID INTERVAL=5m.  
**CONTOUR VALUES IN LUX(INITIAL).**  
CONTOURS:5,10,25,50 LUX.  
VERTICAL ILLUMINANCE CALCULATED AT +3.0m A.G.L.

**MAINTENANCE FACTOR=0.80**  
**BASED UPON:-**  
DIRT DEPRECIATION FACTOR=7%  
CLEANING INTERVAL=12 MONTHS.  
LOCATION=MEDIUM POLLUTION.  
LAMP LUMEN DEPRECIATION=14%

