

**ABACUS REF : MU10\_01 ©  
CLASS III  
RECREATIONAL STANDARD**

**FLOODLIGHTING EQUIPMENT**  
4x8m MASTS(M1-M4)  
EACH CARRYING THE FOLLOWING FLOODLIGHTS:-  
M1-M4.....1 x AL5772/1KW - WIDE BEAM

**LAMPS**  
PHILIPS - MHN-LA 1000/842(100 000 INITIAL Lm.).

**ILLUMINANCE LEVELS**  
**A) INITIAL(100 HRS)**  
E.i.ave=297 LUX.

**B) MAINTAINED(4000 HRS)**  
E.m.ave=238 LUX.

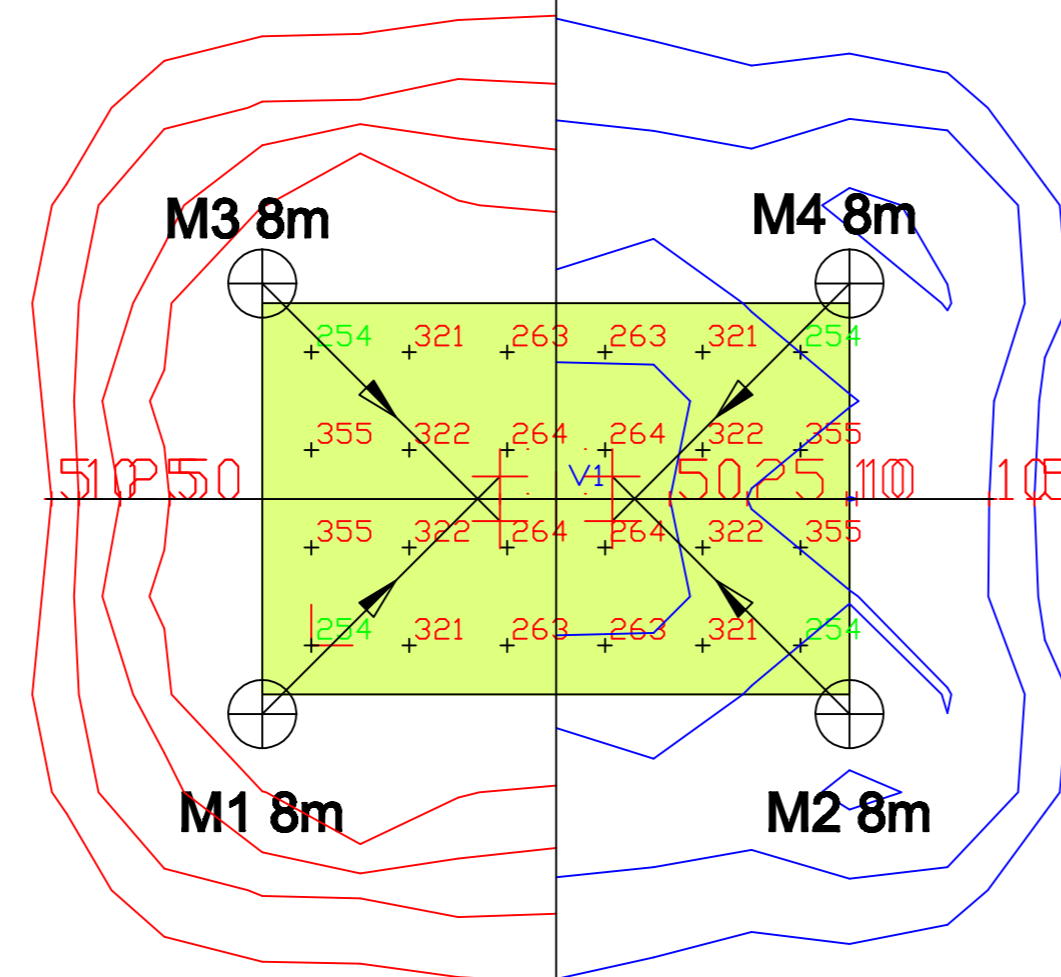
**UNIFORMITY**  
E<sub>min</sub>/E<sub>ave</sub>=0.85  
E<sub>min</sub>/E<sub>max</sub>=0.72

**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%

**HORIZONTAL OVERPSILL** ← → **VERTICAL OVERPSILL**



**Flexible Solutions**  
Abacus base hinged masts offer the facility to upgrade this system in the future.

**www.abacuslighting.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.