

**ABACUS REF : MU10_02 ©
CLASS III
RECREATIONAL STANDARD**

FLOODLIGHTING EQUIPMENT
4x8m MASTS(M1-M4)
EACH CARRYING THE FOLLOWING FLOODLIGHTS:-
M1-M4.....2 x AL5772/1KW - WIDE BEAM

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

ILLUMINANCE LEVELS
A) INITIAL(100 HRS)
E.i.ave=593 LUX.

B) MAINTAINED(4000 HRS)
E.m.ave=474 LUX.

UNIFORMITY
Emin/Eave=0.86
Emin/Emax=0.72

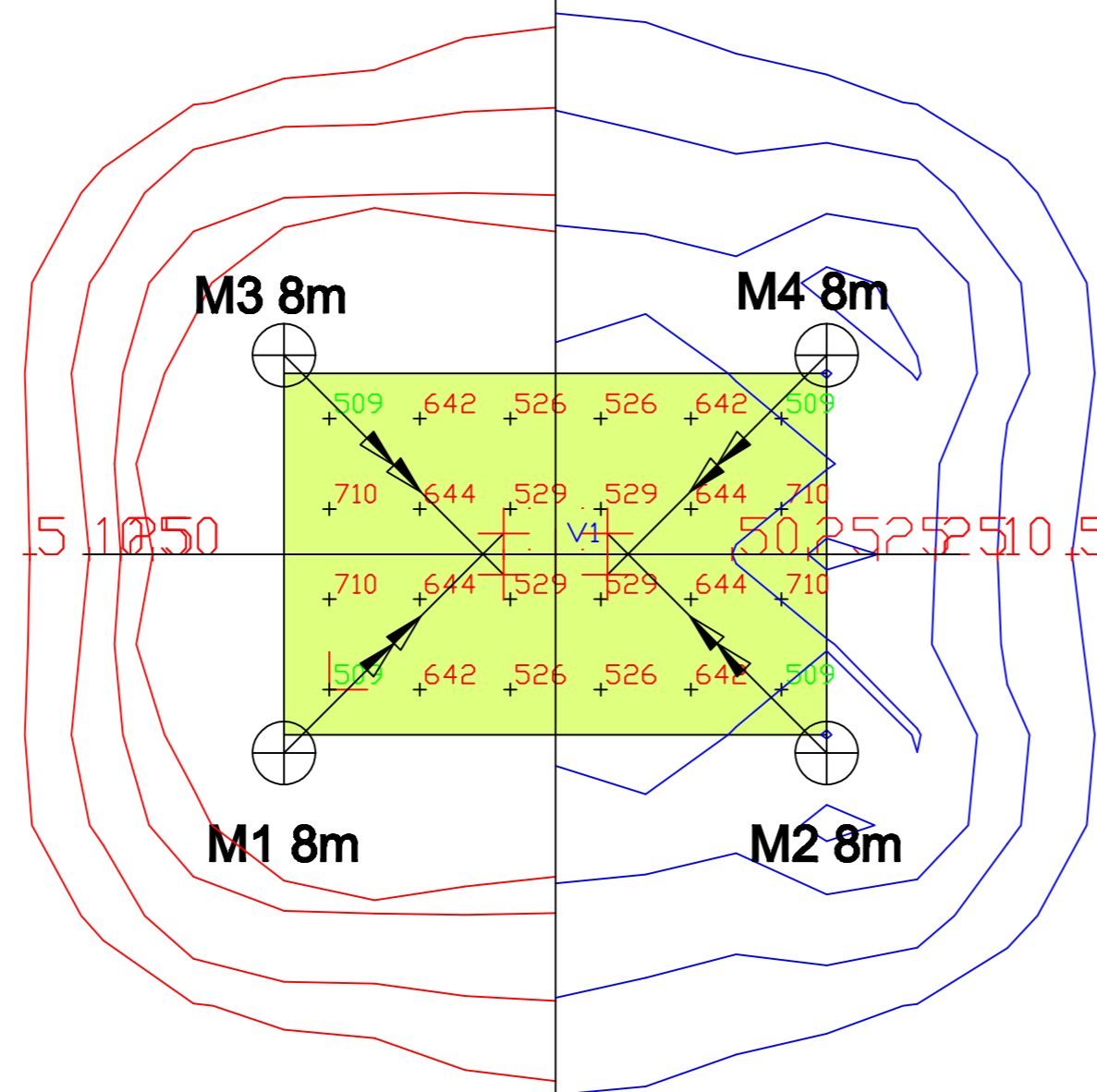
MAXIMUM GLARE RATING(GR)=48

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.

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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.