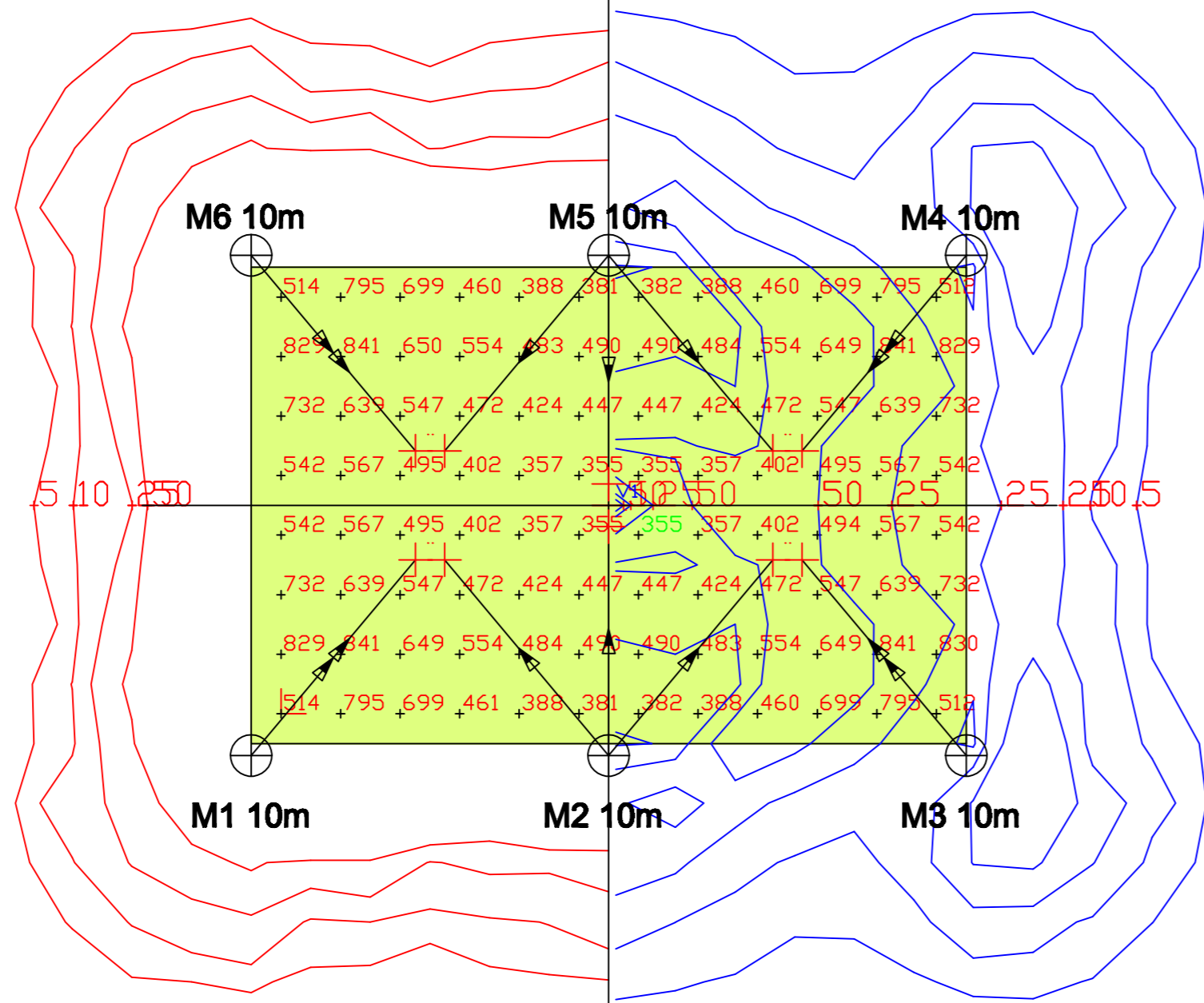


AREA1 (AVE=544.30 MIN=355.11 MAX=841.01)

HORIZONTAL OVERSPILL

VERTICAL OVERSPILL



Abacus®

Leaders in lighting

ABACUS REF : BU1000 0
4x20m - 400 LUX

CLASS I
COMPETITION STANDARD

FLOODLIGHTING EQUIPMENT
6x10m MAST(2x41-4M)
EACH CARRYING THE FOLLOWING FLOODLIGHTS:-
M1,M3,M4,M6..... 2 x AL570020V - MEDIUM BEAM
M2,M5..... 3 x AL570020V - MEDIUM BEAM

LAMPS (CHOICE OF)
PHILIPS - MH-RLA 20W 400V/842(220000 INITIAL Lm.)
OSRAM - HCL-T82000WDL(228000 INITIAL Lm.)
VENTURE - MH-T82000W/LK124K(240000 INITIAL Lm.)

ILLUMINANCE LEVELS
A) INITIAL(100 HRS)
E.L.ave=544 LUX.
B) MAINTAINED(1000 HRS)
E.L.ave=435 LUX.

UNIFORMITY
Emin/Eave=0.65
Emin/Emax=0.42

MAXIMUM GLARE RATING(GR)=40

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%

NOTE
THE DESIGN CALCULATIONS ARE BASED UPON PHILIPS
LAMPS, THE MAINTAINED ILLUMINANCE LEVEL WILL
VARY DEPENDING ON FINAL LAMP CHOICE.



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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.