



**ABACUS REF : GF10/02 e**  
**BERM FLOODLIGHTING**

**Lighting Equipment**  
12 x Range Mounted Barm Units.

9 x AL5312/150STD Floodlights  
Mounted on tee stalls at 5m high.

**Lamps (Osram).**  
400W SONP-T (55,000 In.Lm)  
150W SONP-TD (17,000 In.Lm)

**Illuminance levels (as shown on this plot)**  
Vertical illuminance @ +5m above ground level  
towards the booths.  
Minimum vertical illuminance level on greens = 50 Lux

Vertical overspill grid @ +5m above ground level  
towards the booths.

Grid value in Lux  
Grid intervals 10m.  
Contour intervals : 5,10,20,30,35,45 Lux.

Maintenance factor = 0.85  
Based upon : -  
Dirt depreciation factor = 8%  
Cleaning intervals : 12 months.  
Location medium pollution.  
Lamp Lumen depreciation = 8%  
Bulk Lamp Replacement at 9000hrs  
Spot lamp replacement undertaken.

