ABACUS REF: GF19022
BERN FLOODLIGHTING - SCREENING INCLUDED

Lighting Equipment
12 x Range Mounted Bern Units.
9 x AL8312/1805TD Floodlights
Mounted on tee stalks at 5m high.

Lamps (Osram):
400W SON-T (65,000 lumens)
150W SON-T (17,000 lumens)

Illuminance levels (as shown on this plot):
Vertical illuminance @ +5m above ground level towards the booms.
Minimum vertical illuminance level on greens = 80 Lux

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

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 = 9%
Cleaning intervals: 12 months.
Location medium pollution.
Lamp Lumen depreciation = 9%
Bulk Lamp Replacement at 9000hrs
Spot lamp replacement undertaken.

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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.