ABACUS REFLP: GPHM82 & BEAM FLOODLIGHTING

Lighting Equipment
12 x Beam Mounted Beam Units.
9 x AL312/1B0STD Floodlight
Mounted on tee staps at 5m high.

Lamp (Omni):
400W GDNP-7 (58,000 InLux)
160W GDNP-TD (17,000 InLux)

Illuminance levels (as shown on this plot):
Vertical illuminance @ 1m above ground level towards the boxes:
Minimum vertical illuminance level on grass = 80 Lux
Vertical overall grid @ 1m above ground level towards the boxes:
Grid value in Lux:
Grid intervals 10m:
Contour intervals: 5, 10, 20, 30, 40, 50 Lux.

Maintenance factor = 0.89
Based upon:
Dirt depression factor = 9%
Clearing intervals: 12 months.
Location medium pollution.
Lamp Lumen depreciation = 9%
Shut lamp Replacement at 5000hrs
Spot lamp replacement underway.

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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.