

 LEDLightExpert.com

## 200' BASELINE 500W 60' MH



### ROLE 3

POLE 4POLE 1

POLE 2

Diagram Height = 56  
Actual Location (X,Y) = -40.25, 35  
Offset Location (X,Y) = -37.25, 35  
Quantity = 8

Diagram Height = 56  
Actual Location (X,Y) = 35.5, -40  
Offset Location (X,Y) = 35.25, -3  
Quantity = 8



Image File : RGL-STADIUMPRO-4-500WT1PS3A1\_002

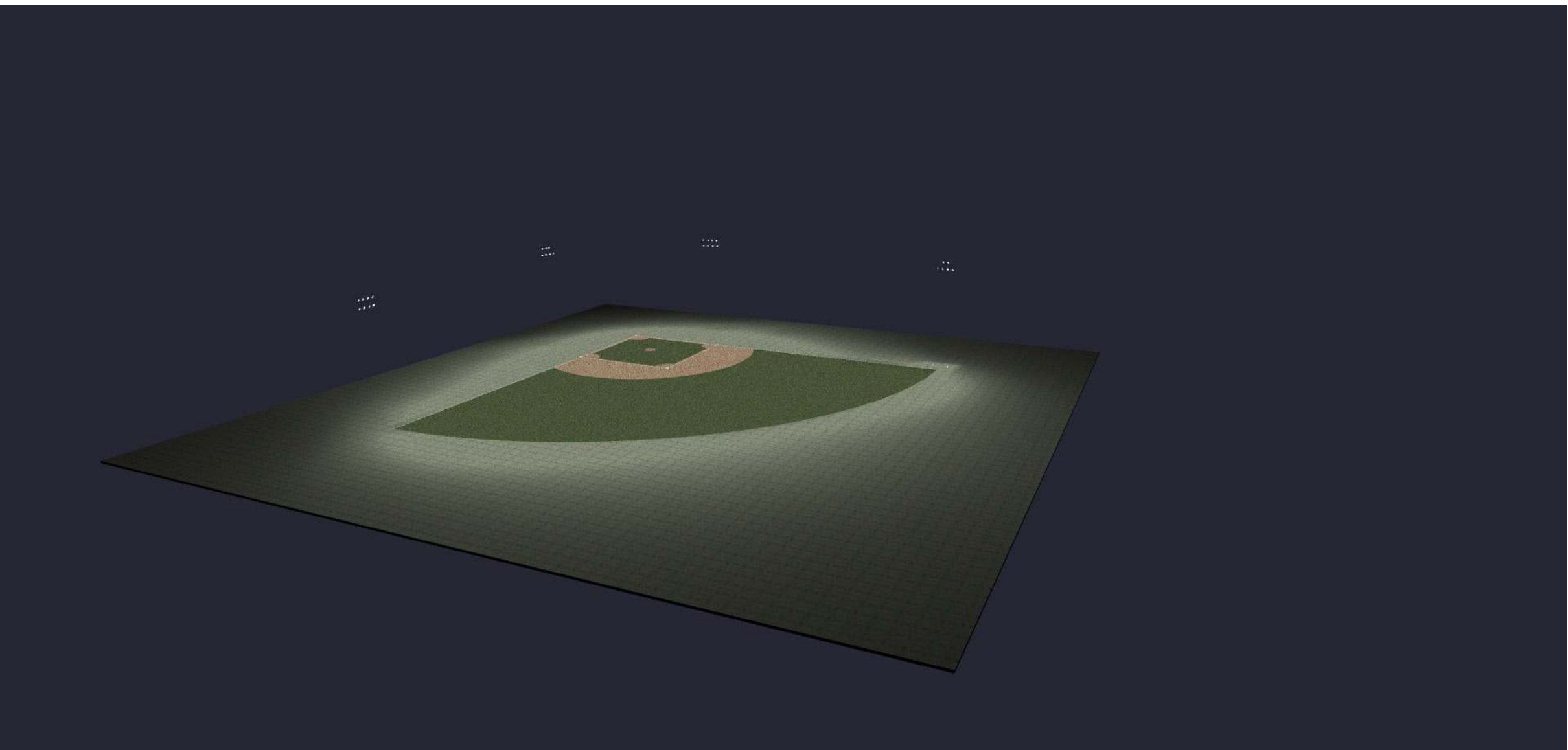
SP1 30 DEGREE

SP2 40 DEGREE

## LIGHTING DETAILS:

## Luminaire Schedule

### Calculation Summary



## PLAN VIEW

- 1.
- 2.
- 3.
- 4.

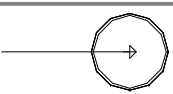
This analysis is a mathematical model and can be only as accurate as is permitted by the third-party software and the IES standards used. All digital CAD data appear to be accurate, however, this apparent accuracy is an artifact of the techniques used to generate it and is in no way intended to imply accuracy in the real world.

Reflective Values have a significant effect on light levels, the end-user of the document should confirm these values before accepting the results of any photometric report. The managing contractor/architect/engineer is responsible for ensuring compliance to all relevant lighting ordinance(s) and energy codes required on this project.

Drawn By:

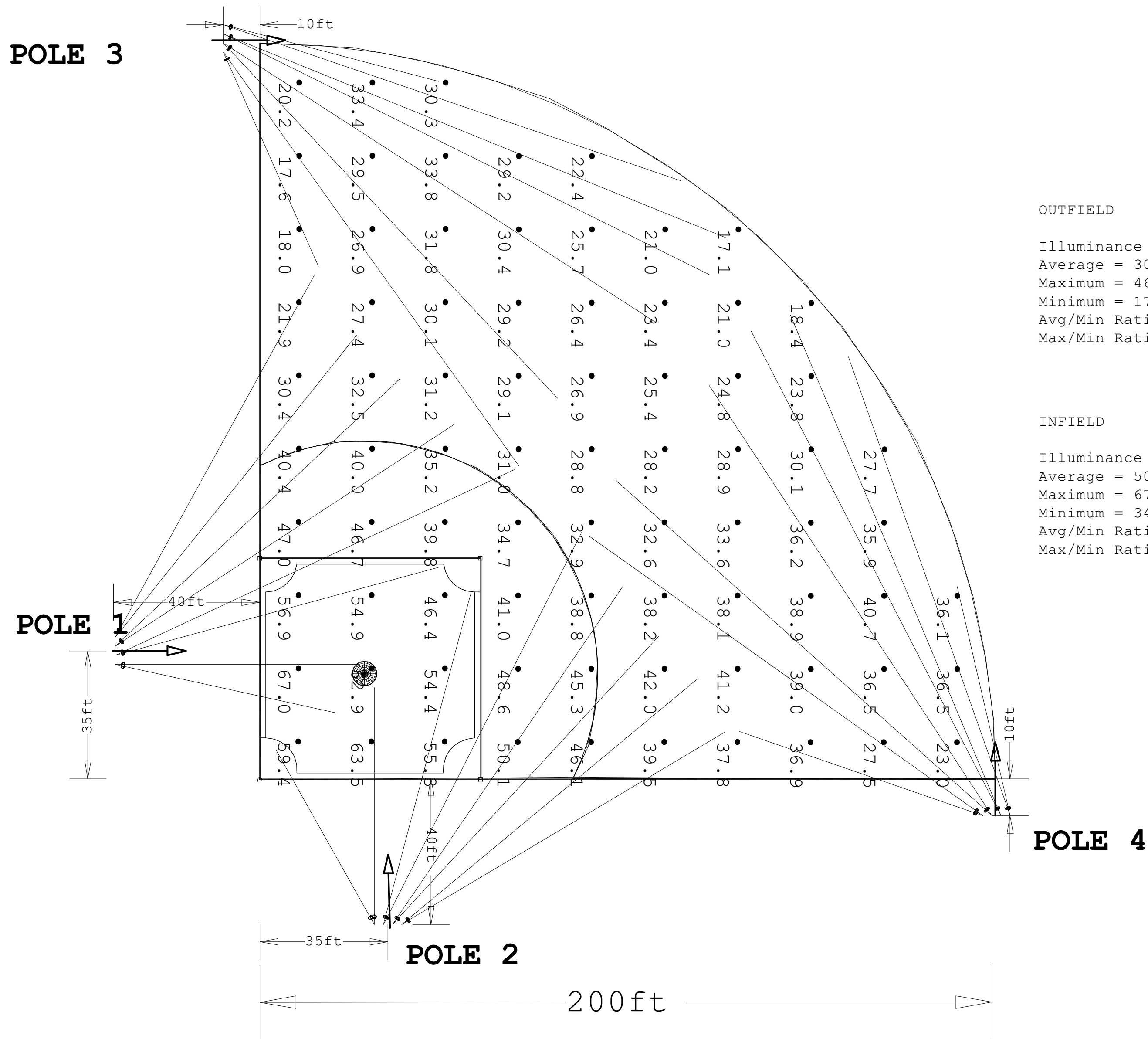
Revision #:

LIGHTING DETAILS:

| Luminaire Schedule |                                                                                   |     |       |                        |                  |                 |
|--------------------|-----------------------------------------------------------------------------------|-----|-------|------------------------|------------------|-----------------|
| Label              | Symbol                                                                            | Qty | LLF   | Description            | Luminaire Lumens | Luminaire Watts |
| SP2                |  | 10  | 1.000 | StadiumPro IV 500W 40D | 77064            | 493.64          |
| SP1                |  | 22  | 1.000 | StadiumPro IV 500W 30D | 76439            | 493.6           |

| Calculation Summary |             |       |       |      |      |         |
|---------------------|-------------|-------|-------|------|------|---------|
| Label               | CalcType    | Units | Avg   | Max  | Min  | Max/Min |
| CalcPts_1           | Illuminance | Fc    | 35.21 | 67.0 | 17.1 | 3.92    |
| INFIELD             | Illuminance | Fc    | 50.77 | 67.0 | 34.7 | 1.93    |
| OUTFIELD            | Illuminance | Fc    | 30.61 | 46.1 | 17.1 | 2.70    |

| Luminaire Location Summary |       |                 |        |    |         |        |
|----------------------------|-------|-----------------|--------|----|---------|--------|
|                            |       | Insertion Point |        |    |         |        |
| LumNo                      | Label | X               | Y      | Z  | Orient  | Tilt   |
| 1                          | SP2   | -10             | 206    | 56 | 345.28  | 46.495 |
| 2                          | SP1   | -10             | 206    | 0  | 341.154 | 90     |
| 3                          | SP1   | -10             | 203.5  | 60 | 337.93  | 67.711 |
| 4                          | SP1   | -10             | 201    | 60 | 327.155 | 66.66  |
| 5                          | SP1   | -10             | 198.5  | 0  | 305.55  | 90     |
| 6                          | SP1   | -10             | 198.5  | 56 | 293.962 | 90     |
| 7                          | SP2   | 205             | -10    | 56 | 103.011 | 48.096 |
| 8                          | SP1   | 36.25           | -39.75 | 56 | 47.268  | 61.975 |
| 9                          | SP1   | -39.5           | 36.25  | 56 | 43.195  | 61.848 |
| 10                         | SP1   | -39.5           | 38.75  | 60 | 51.34   | 59.935 |
| 11                         | SP1   | -39.5           | 36.25  | 60 | 33.187  | 61.064 |
| 12                         | SP2   | -39.5           | 33.75  | 60 | 24.966  | 63.094 |
| 13                         | SP2   | -39.5           | 31.25  | 60 | 347.647 | 44.968 |
| 14                         | SP2   | -39.5           | 33.75  | 56 | 15.214  | 57.953 |
| 15                         | SP1   | 38.75           | -39.75 | 60 | 39.683  | 59.76  |
| 16                         | SP1   | 36.25           | -39.75 | 60 | 55.742  | 61.371 |
| 17                         | SP2   | 33.75           | -39.75 | 60 | 63.168  | 63.085 |
| 18                         | SP2   | 31.25           | -39.75 | 60 | 119.386 | 41.194 |
| 19                         | SP2   | 33.75           | -39.75 | 56 | 75.217  | 58.415 |
| 20                         | SP1   | 205             | -10    | 60 | 109.422 | 65.404 |
| 21                         | SP1   | 202.5           | -10    | 60 | 112.806 | 67.707 |
| 22                         | SP1   | 200             | -10    | 60 | 123.323 | 66.595 |
| 23                         | SP1   | 197.5           | -10    | 60 | 144.652 | 65.191 |
| 24                         | SP1   | 197.5           | -10    | 56 | 160.921 | 50.678 |
| 25                         | SP1   | -10             | 203.5  | 56 | 333.651 | 69.034 |
| 26                         | SP1   | -10             | 201    | 56 | 313.25  | 66.882 |
| 27                         | SP1   | 200             | -10    | 56 | 138.315 | 67.558 |
| 28                         | SP1   | 202.5           | -10    | 56 | 117.297 | 69.122 |
| 29                         | SP1   | 38.75           | -39.75 | 56 | 30.748  | 60.918 |
| 30                         | SP1   | -39.5           | 38.75  | 56 | 61.167  | 63.231 |
| 31                         | SP2   | -39.5           | 31.25  | 56 | 0       | 49.035 |
| 32                         | SP2   | 31.25           | -39.75 | 56 | 90      | 48.253 |



OUTFIELD

Illuminance (Fc)  
Average = 30.61  
Maximum = 46.1  
Minimum = 17.1  
Avg/Min Ratio = 1.79  
Max/Min Ratio = 2.70

INFIELD

Illuminance (Fc)  
Average = 50.77  
Maximum = 67.0  
Minimum = 34.7  
Avg/Min Ratio = 1.46  
Max/Min Ratio = 1.93

POLE 3

| SP1       | SP1         | SP1       | SP1        |
|-----------|-------------|-----------|------------|
| 19R       | 26R         | 54R       | 66R        |
| 0 DN      | 21 DN       | 0 DN      | 0 DN       |
| 119,-38.2 | 126.5,-63.7 | 74.5,-116 | 19.8,-61.5 |
| SP2       | SP1         | SP1       | SP1        |
| 15R       | 22R         | 33R       | 47R        |
| 44 DN     | 22 DN       | 23 DN     | 23 DN      |
| 52.8,-11  | 131.3,-53.7 | 112.3,-77 | 85,-97.5   |



Diagram Height = 0  
Actual Location (X,Y) = -13, 201.75  
Offset Location (X,Y) = -3.75, 201.5  
Quantity = 8

POLE 4

| SP1         | SP1         | SP1         | SP1        |
|-------------|-------------|-------------|------------|
| 48L         | 33L         | 27L         | 23L        |
| 22 DN       | 23 DN       | 21 DN       | 22 DN      |
| -103.7,83.5 | -78.2,109.5 | -66.7,124.3 | -56,128.8  |
| SP1         | SP1         | SP1         | SP2        |
| 71L         | 55L         | 19L         | 13L        |
| 39 DN       | 25 DN       | 25 DN       | 42 DN      |
| -70,15      | -111,68.3   | -40.2,117.5 | -10.5,54.8 |



Diagram Height = 56  
Actual Location (X,Y) = 201, -10  
Offset Location (X,Y) = 201, -2  
Quantity = 8

POLE 1

| SP1        | SP1       | SP2        | SP2       |
|------------|-----------|------------|-----------|
| 51L        | 33L       | 25L        | 12R       |
| 30 DN      | 29 DN     | 27 DN      | 45 DN     |
| 63.8,86.3  | 90.3,61.8 | 106.8,49.5 | 58.3,-17  |
| SP1        | SP1       | SP2        | SP2       |
| 61L        | 43L       | 15L        | 0         |
| 27 DN      | 28 DN     | 32 DN      | 41 DN     |
| 52.3,102.8 | 75.5,74.3 | 86,22.8    | 64.3,-3.7 |



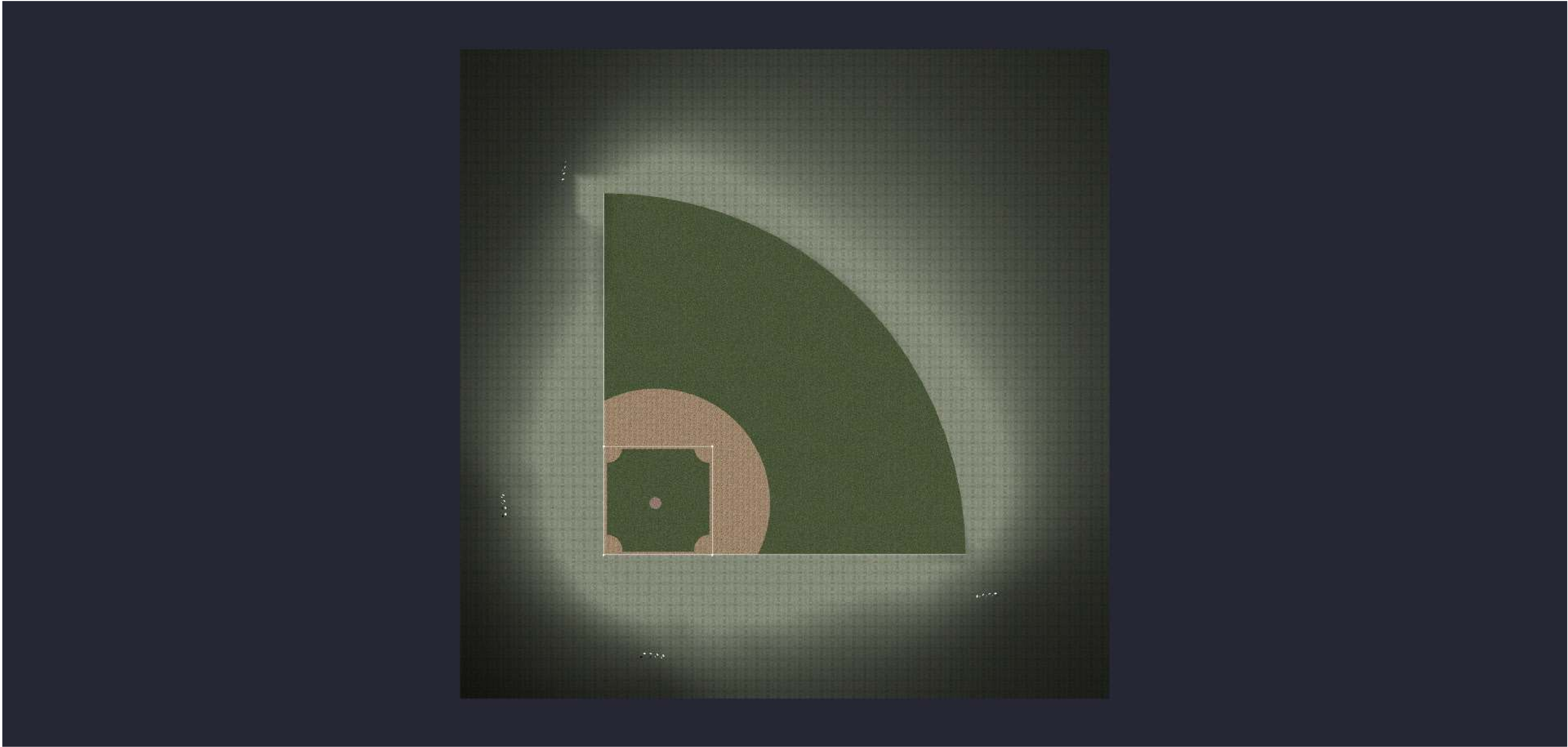
Diagram Height = 56  
Actual Location (X,Y) = -40.25, 35  
Offset Location (X,Y) = -37.25, 35  
Quantity = 8

POLE 2

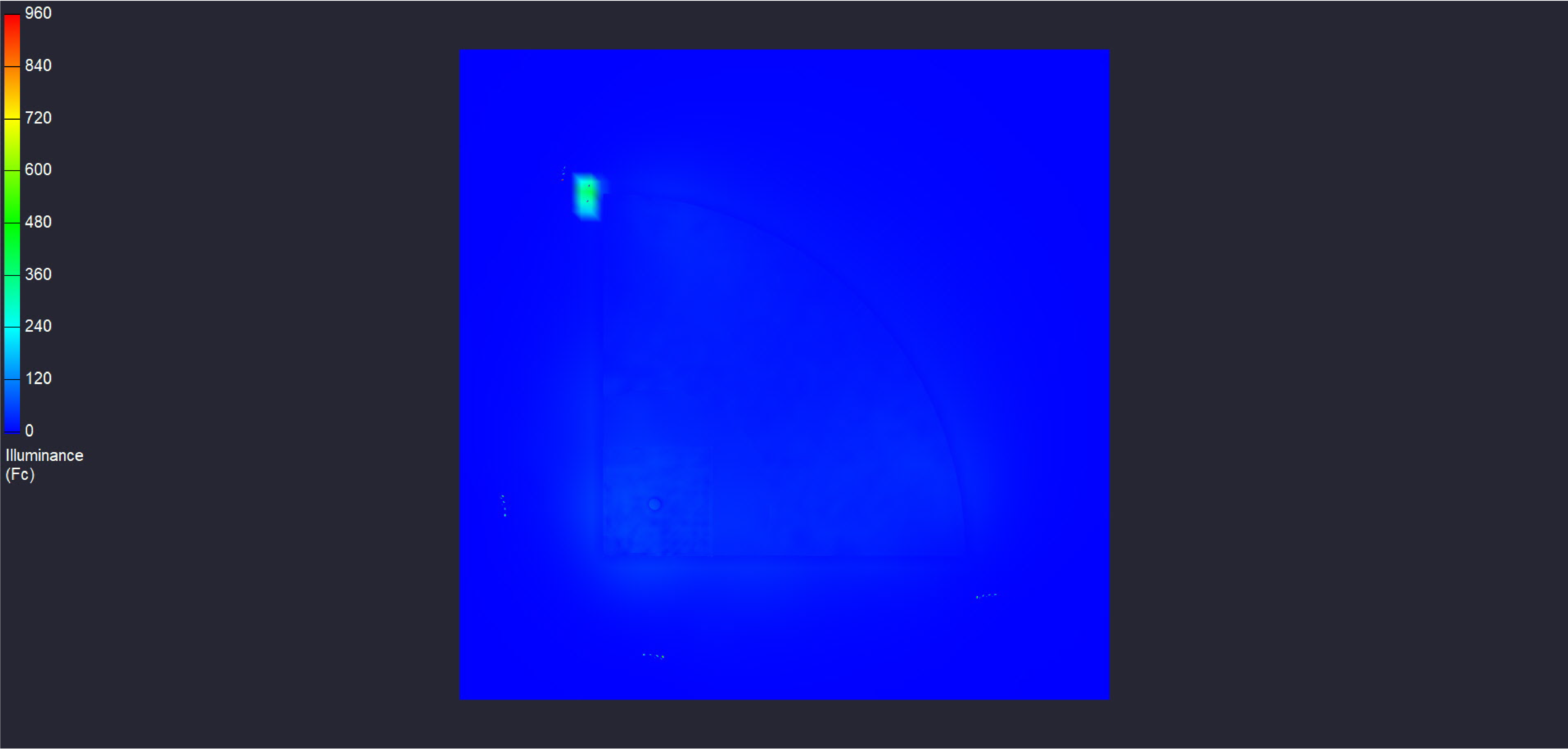
| SP2        | SP2       | SP1       | SP1       |
|------------|-----------|-----------|-----------|
| 28L        | 28R       | 36R       | 52R       |
| 49 DN      | 27 DN     | 29 DN     | 30 DN     |
| -30.7,38.5 | 52.8,98.3 | 64,83.5   | 84.3,58   |
| SP2        | SP2       | SP1       | SP1       |
| 1R         | 16R       | 44R       | 61R       |
| 42 DN      | 32 DN     | 28 DN     | 29 DN     |
| -4,55.8    | 22.3,81   | 73.8,69.8 | 91.8,43.5 |



Diagram Height = 56  
Actual Location (X,Y) = 35.5, -40.75  
Offset Location (X,Y) = 35.25, -30.75  
Quantity = 8



Render Image - View Name : Render



**200' BASELINE 500W 60' MH**