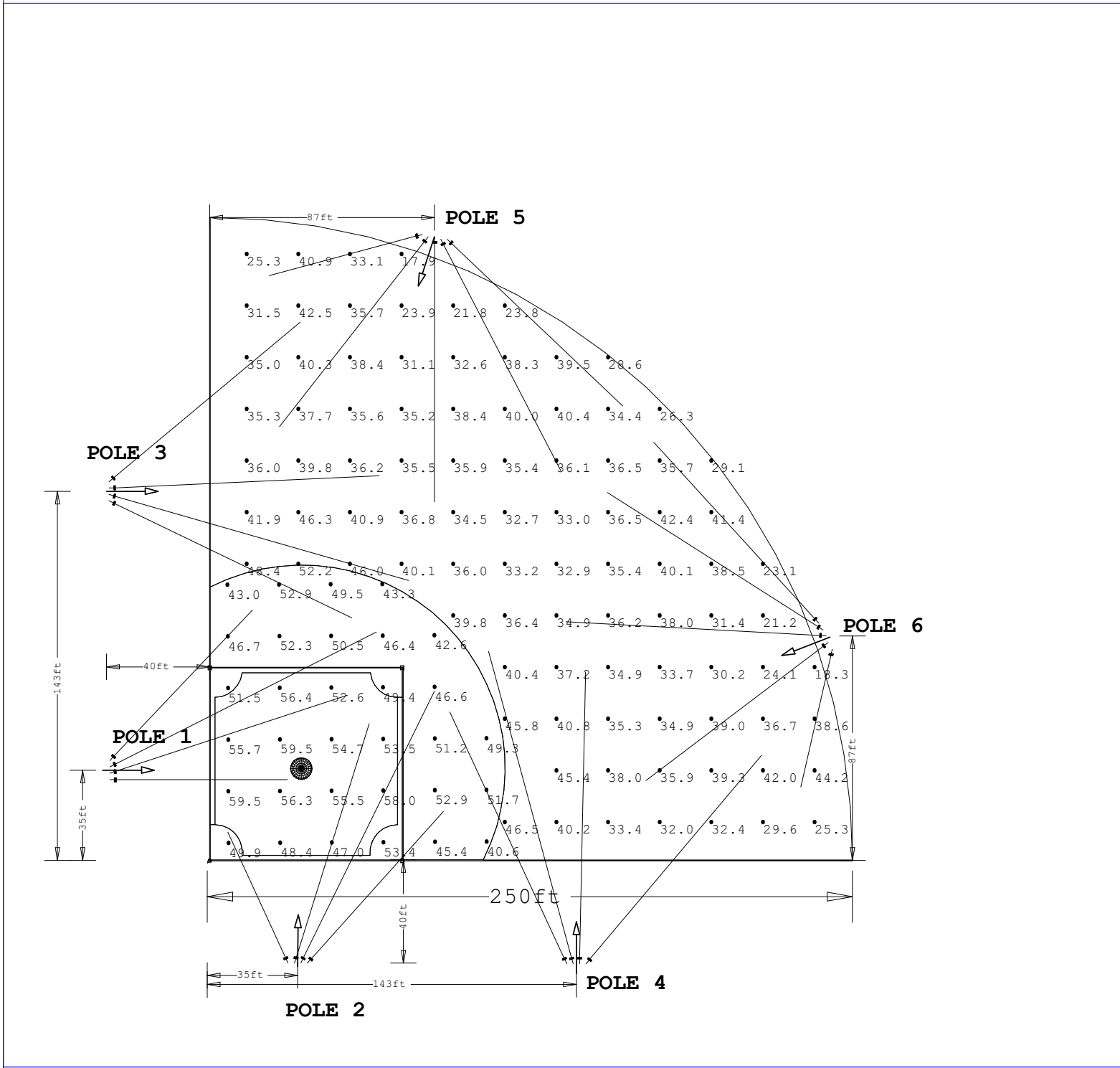




Scale: 1 inch= 53.33 Ft.

## LIGHTING DETAILS:

| Luminaire Schedule |        |     |       |                       |             |                  |                 |
|--------------------|--------|-----|-------|-----------------------|-------------|------------------|-----------------|
| Label              | Symbol | Qty | LLF   | Description           | Arrangement | Luminaire Lumens | Luminaire Watts |
| SP                 |        | 26  | 1.000 | Centario Pro 800W 35D | Single      | 122134           | 824.79          |

| Calculation Summary |             |       |       |      |      |         |
|---------------------|-------------|-------|-------|------|------|---------|
| Label               | CalcType    | Units | Avg   | Max  | Min  | Max/Min |
| INFIELD             | Illuminance | Fc    | 50.82 | 59.5 | 40.6 | 1.47    |
| OUTFIELD            | Illuminance | Fc    | 35.70 | 52.2 | 17.9 | 2.92    |

- DESIGN NOTES:
- 1.250' baseline
  - 50/30 target
  - 
  -

Note on this Design:  
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design,as approved by others.

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.

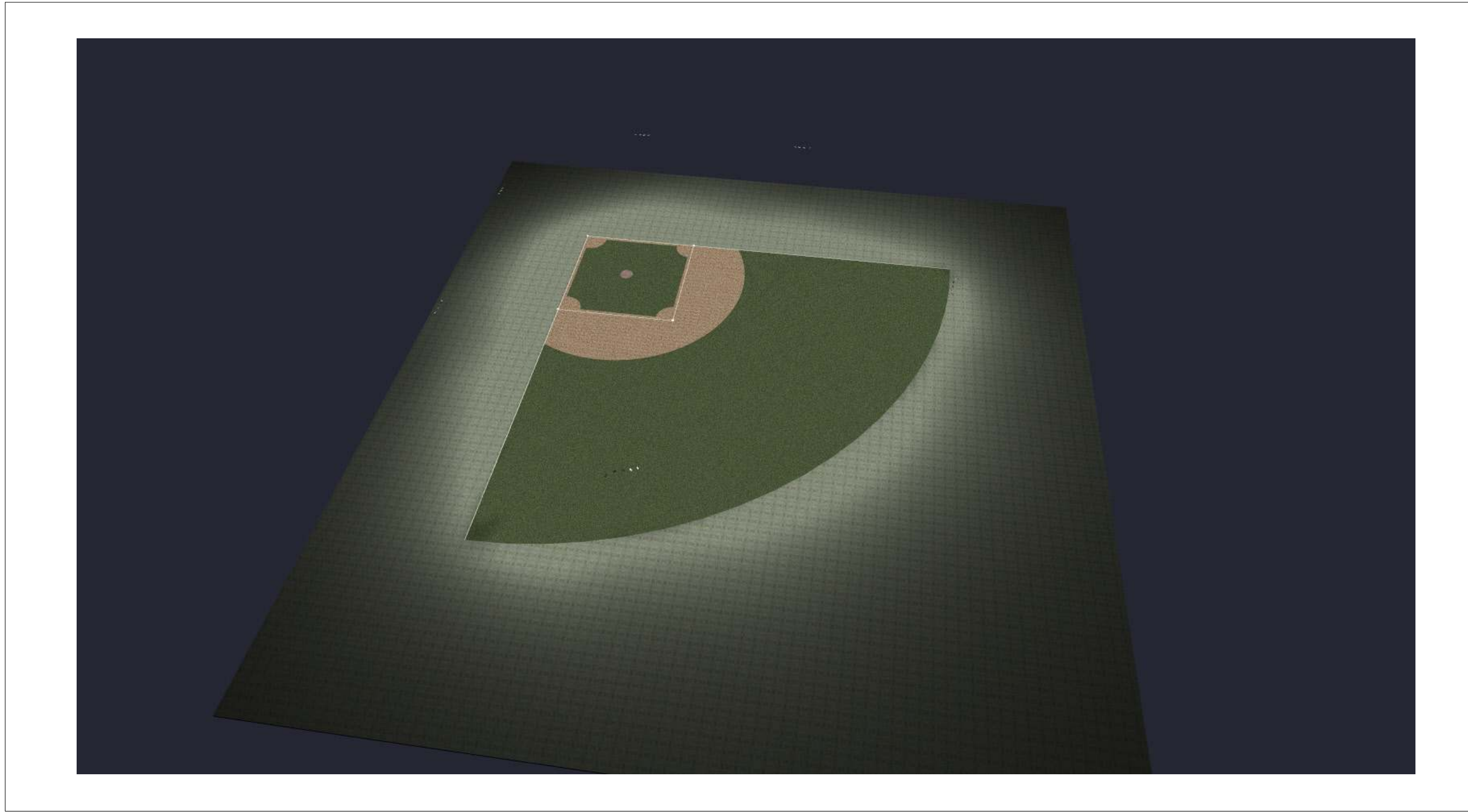
There are many factors that will impact the actual performance of Lighting in the constructed space, including: the accuracy of the original source (.ies) files supplied by the manufacturer, input voltage ballast variances, actual finish values in the constructed environment, manufacturing variations in both the source (lamp) and the luminaire, final luminaire placement, obstructions, and installation quality. Further, field measurement itself is subject to errors arising from measuring methods and/or technology selected, and the knowledge/ability of the measuring party. While the creator of this lighting study makes every effort to ensure accuracy, they cannot be held liable for any errors. The recipient of this lighting study understands and accepts that the likelihood of scaling error increases when no .DWG file or other properly-dimensioned drawing is provided to the designer.

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.

## SPEC SHEET & RENDERS

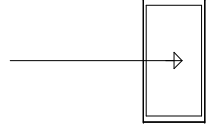


## TYPE SP1



## PLAN VIEW

LIGHTING DETAILS:

| Luminaire Schedule |                                                                                   |     |       |                       |             |                  |                 |
|--------------------|-----------------------------------------------------------------------------------|-----|-------|-----------------------|-------------|------------------|-----------------|
| Label              | Symbol                                                                            | Qty | LLF   | Description           | Arrangement | Luminaire Lumens | Luminaire Watts |
| SP                 |  | 26  | 1.000 | Centario Pro 800W 35D | Single      | 122134           | 824.79          |

| Calculation Summary |             |       |       |      |      |         |
|---------------------|-------------|-------|-------|------|------|---------|
| Label               | CalcType    | Units | Avg   | Max  | Min  | Max/Min |
| INFIELD             | Illuminance | Fc    | 50.82 | 59.5 | 40.6 | 1.47    |
| OUTFIELD            | Illuminance | Fc    | 35.70 | 52.2 | 17.9 | 2.92    |

LIGHTING DETAILS:

| Luminaire Location Summary |       |                 |         |    |         |        |
|----------------------------|-------|-----------------|---------|----|---------|--------|
|                            |       | Insertion Point |         |    |         |        |
| LumNo                      | Label | X               | Y       | Z  | Orient  | Tilt   |
| 4                          | SP    | 32.75           | -39.75  | 60 | 72.637  | 57.773 |
| 5                          | SP    | -38.75          | 33.75   | 60 | 18.201  | 57.682 |
| 7                          | SP    | 30.25           | -39.75  | 60 | 114.614 | 41.893 |
| 8                          | SP    | 35.25           | -39.75  | 60 | 63.817  | 62.505 |
| 9                          | SP    | 37.75           | -39.75  | 60 | 48.08   | 52.058 |
| 25                         | SP    | 145.75          | -40     | 60 | 49.899  | 59.915 |
| 26                         | SP    | 143.25          | -40     | 60 | 88.859  | 61.612 |
| 27                         | SP    | 140.75          | -40     | 60 | 105.145 | 64.061 |
| 28                         | SP    | 138.25          | -40     | 60 | 114.896 | 60.37  |
| 29                         | SP    | -38.75          | 31.25   | 60 | 0       | 48.048 |
| 30                         | SP    | -38.75          | 36.25   | 60 | 26.842  | 62.183 |
| 31                         | SP    | -38.75          | 38.75   | 60 | 46.514  | 52.532 |
| 52                         | SP    | 89.409          | 240.628 | 60 | 297.467 | 58.785 |
| 53                         | SP    | 91.961          | 240.6   | 60 | 316.485 | 56.838 |
| 54                         | SP    | 84.568          | 241.506 | 60 | 231.933 | 56.707 |
| 55                         | SP    | 87.071          | 241.528 | 60 | 269.96  | 59.169 |
| 56                         | SP    | 82.228          | 242.383 | 60 | 195.012 | 44.674 |
| 59                         | SP    | 237.618         | 89.264  | 60 | 147.517 | 58.294 |
| 60                         | SP    | 235.907         | 91.908  | 60 | 132.357 | 57.13  |
| 61                         | SP    | 238.736         | 87.028  | 60 | 176.891 | 58.752 |
| 62                         | SP    | 239.525         | 84.422  | 60 | 217.144 | 55.245 |
| 63                         | SP    | 241.104         | 81.792  | 60 | 257.204 | 41.267 |
| 65                         | SP    | -39             | 146.75  | 60 | 39.844  | 57.555 |
| 66                         | SP    | -39             | 144.25  | 60 | 2.603   | 59.683 |
| 75                         | SP    | -39             | 141.75  | 60 | 344.006 | 63.179 |
| 76                         | SP    | -39             | 139.25  | 60 | 334.295 | 59.614 |

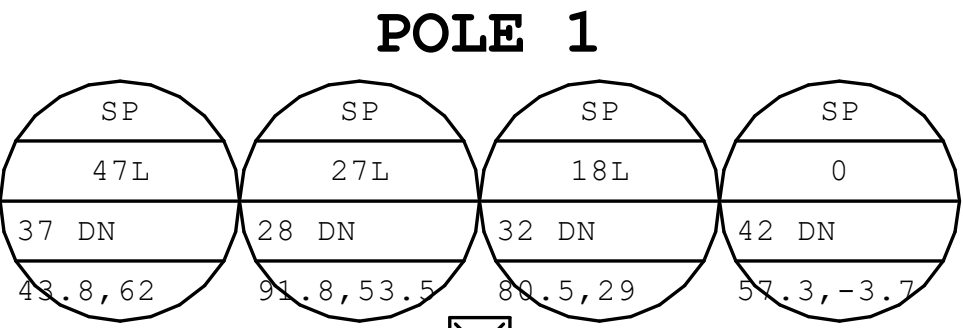
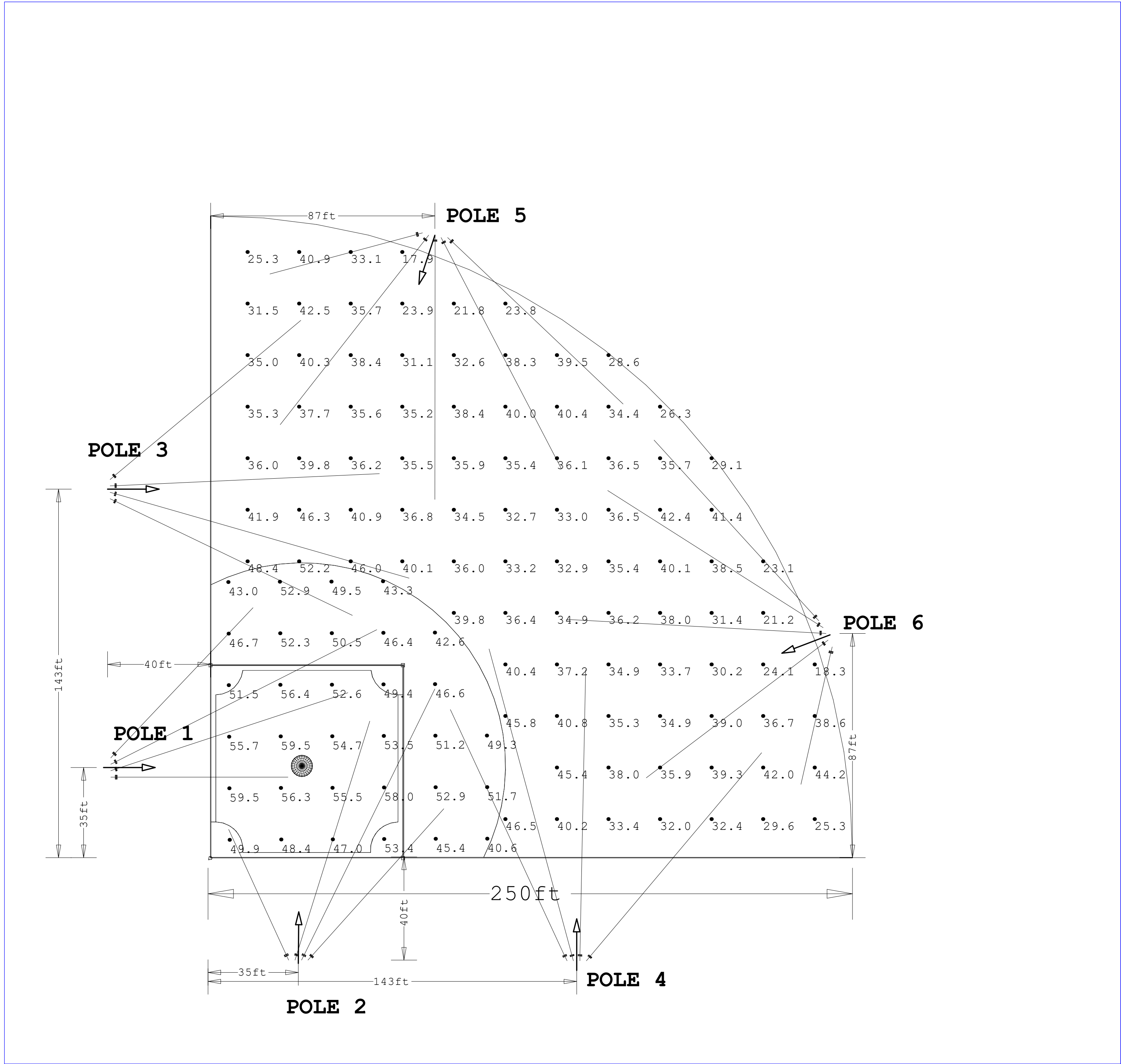


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Offset Location (X,Y) = -27.25, 35  
Quantity = 4

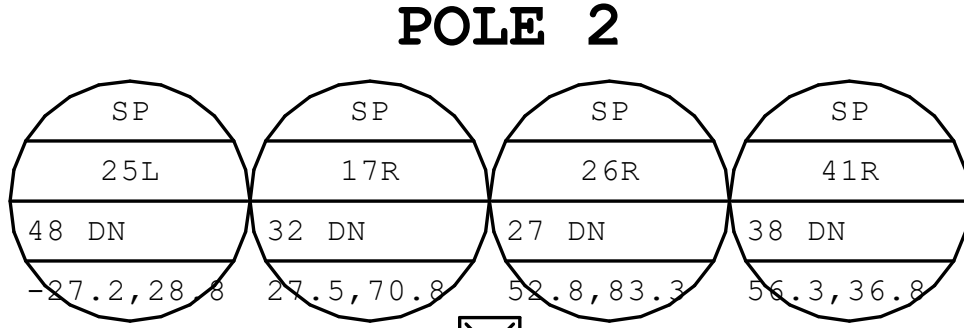


Diagram Height = 60  
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Offset Location (X,Y) = 34.25, -17.75  
Quantity = 4

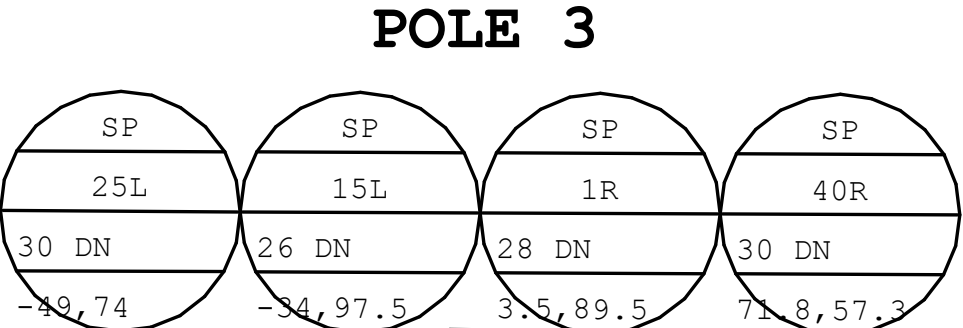


Diagram Height = 60  
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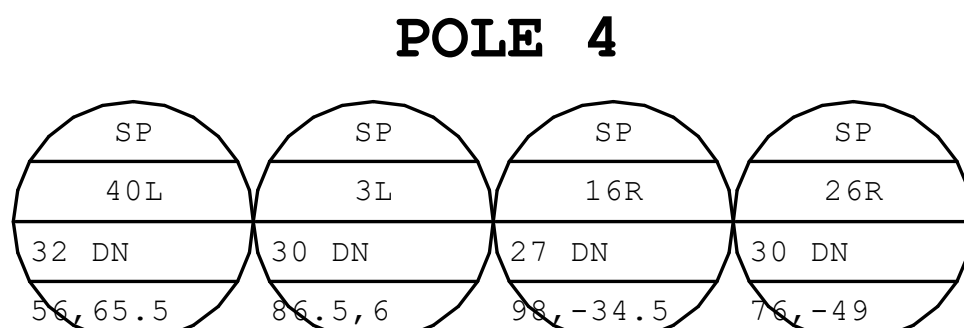


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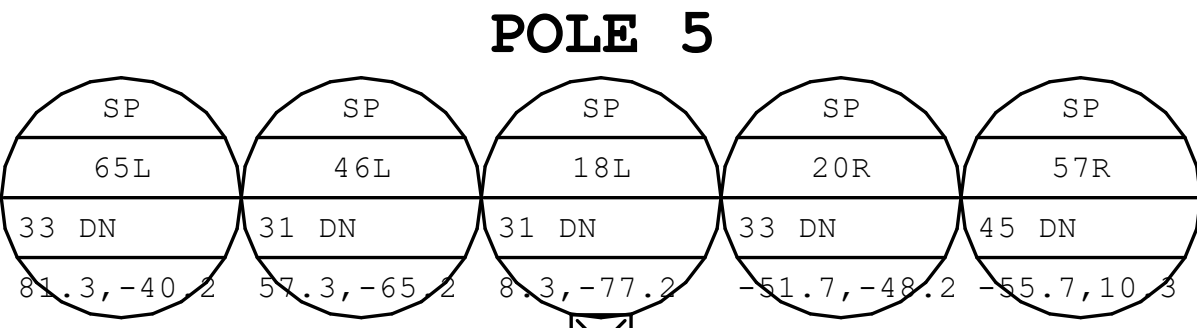


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Offset Location (X,Y) = 78.75, 216.25  
Quantity = 5

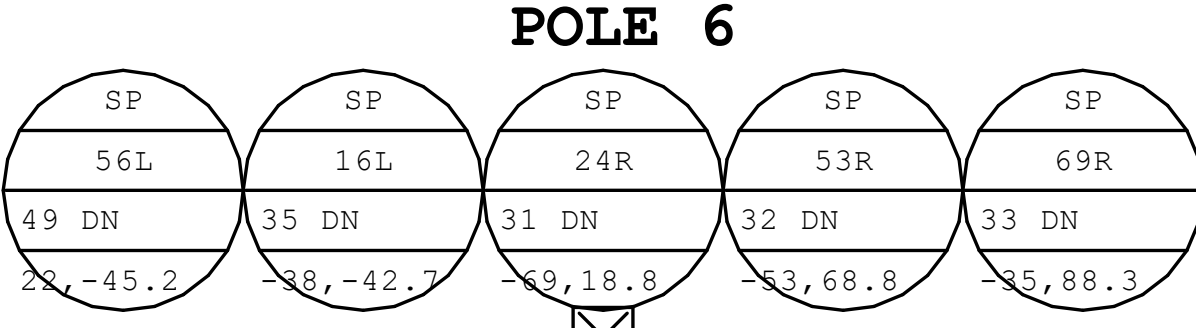
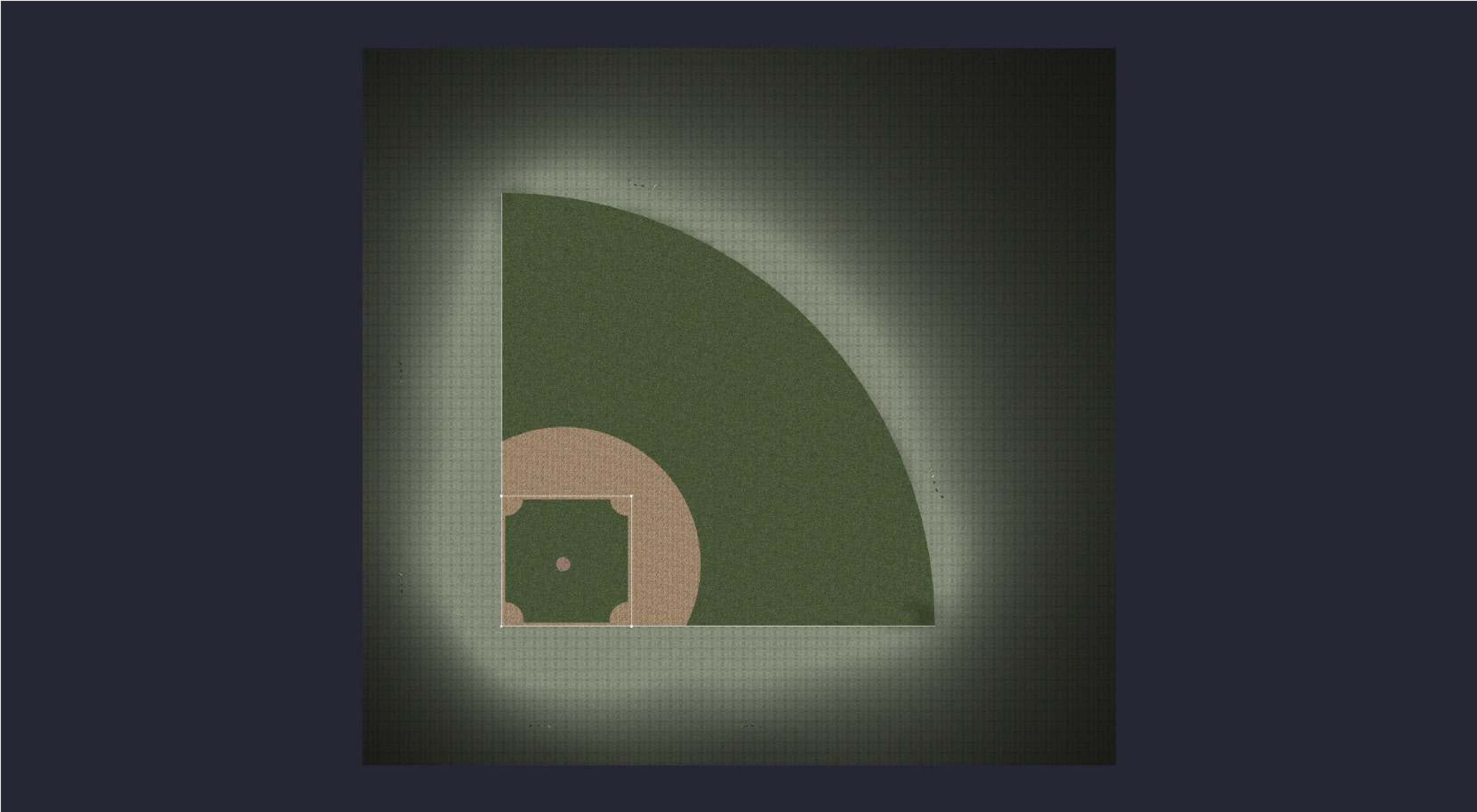
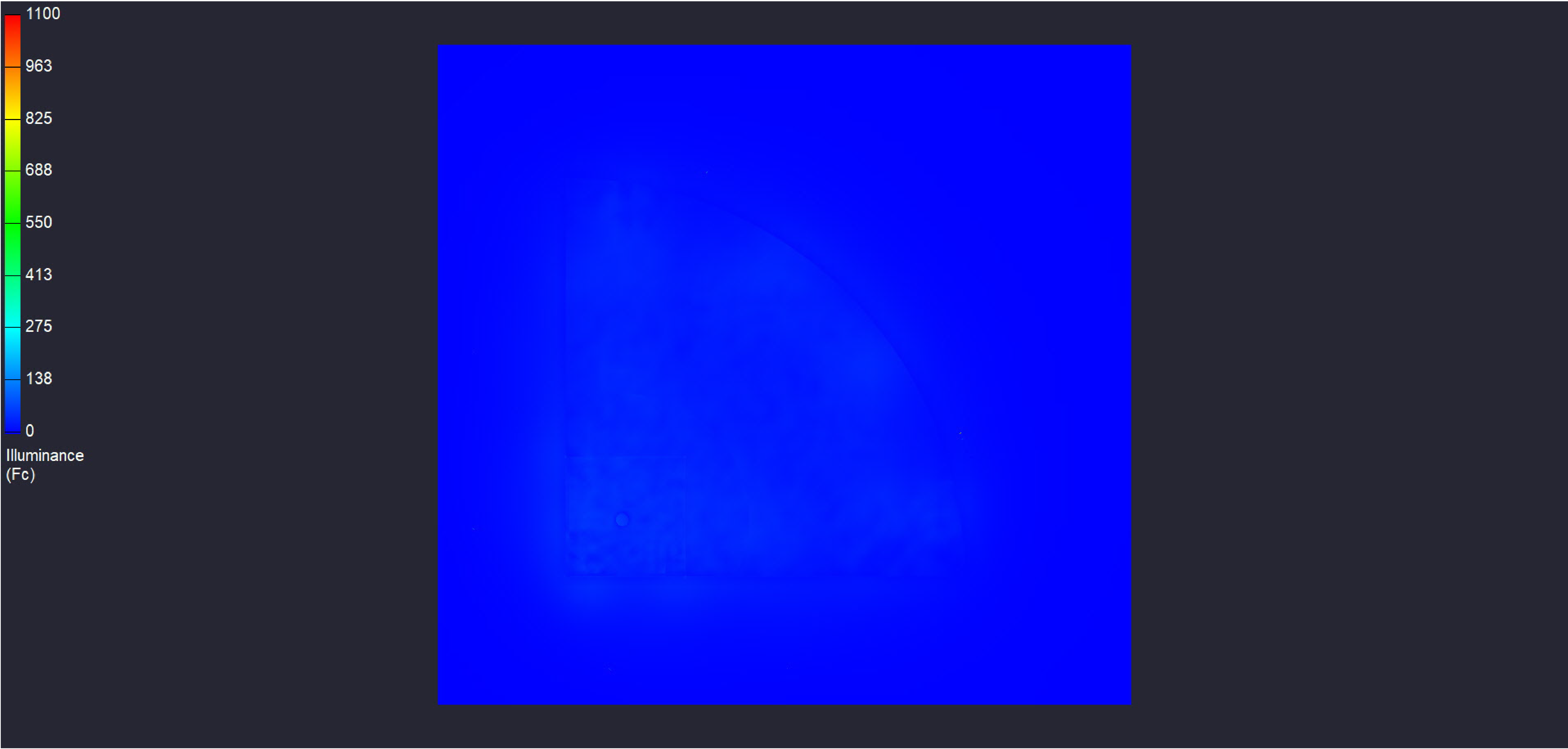


Diagram Height = 60  
Actual Location (X,Y) = 240.25, 86.5  
Offset Location (X,Y) = 207, 73.75  
Quantity = 5





1100  
963  
825  
688  
550  
413  
275  
138  
0  
Illuminance  
(Fc)