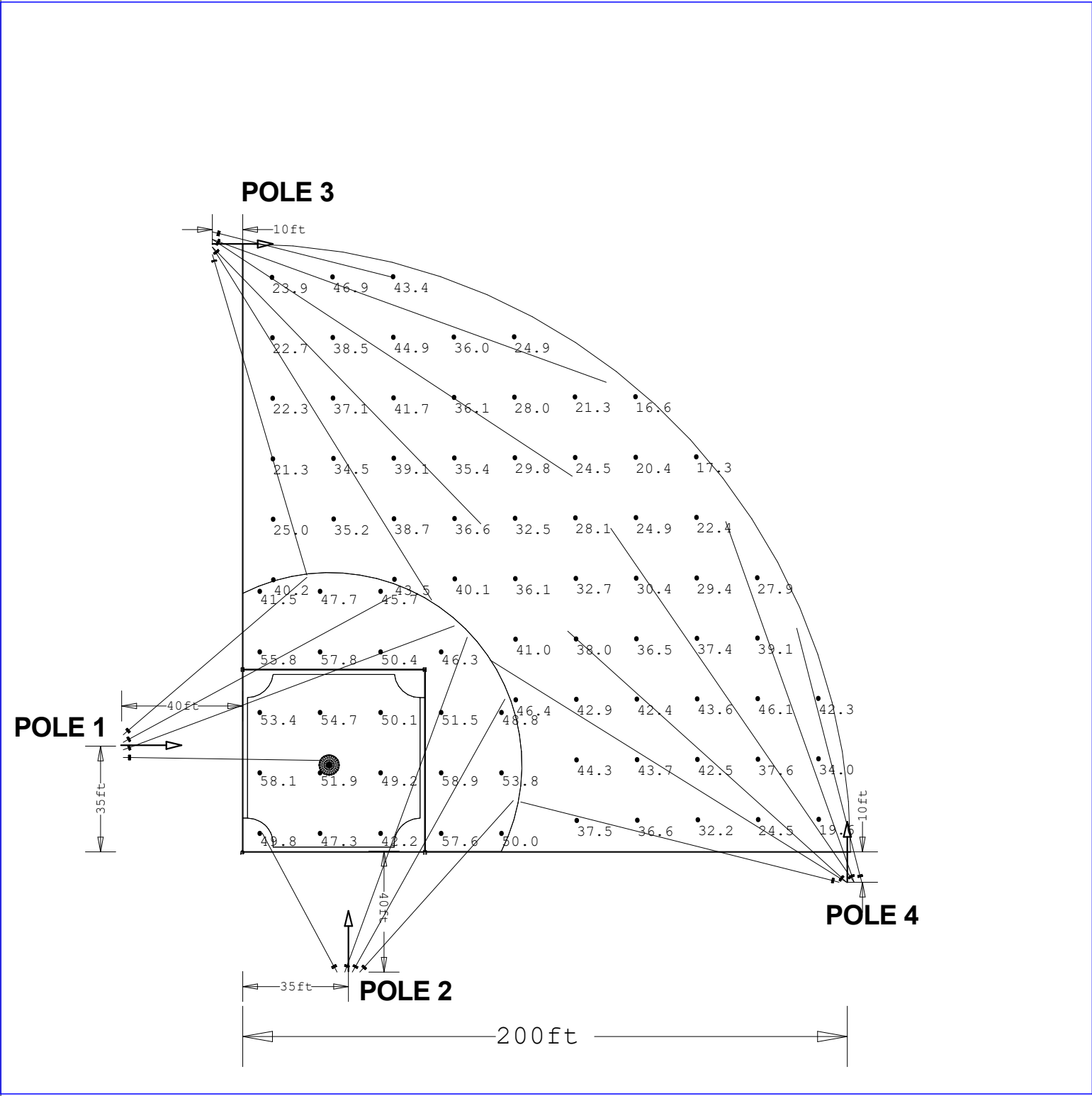




POLE 3			
SP3	SP3	SP3	SP3
14R	33R	58R	74R
45 DN	23 DN	24 DN	0 DN
54.5,-11	114,-76.7	87.5,-117.7	26.3,-109.5
Diagram Height = 56 Actual Location (X,Y) = -10, 201 Offset Location (X,Y) = -5, 201 Quantity = 6			

POLE 4			
SP3	SP3	SP3	SP3
76L	58L	35L	14L
29 DN	24 DN	23 DN	35 DN
-108,22	-118.2,69	-78.2,112.5	-16.7,79.5
Diagram Height = 56 Actual Location (X,Y) = 200, -10 Offset Location (X,Y) = 200, -5 Quantity = 6			

POLE 1			
SP3	SP3	SP3	SP3
41L	28L	21L	1R
38 DN	31 DN	28 DN	43 DN
55.55,5	82.8,49	103.8,39.5	59.8,-5
Diagram Height = 60 Actual Location (X,Y) = -40.25, 35.25 Offset Location (X,Y) = -33.75, 35.25 Quantity = 4			

POLE 2			
SP3	SP3	SP3	SP3
28L	20R	29R	42R
50 DN	27 DN	31 DN	39 DN
-28.5,33.8	39.3,98.5	51.8,78	54.5,44.5
Diagram Height = 60 Actual Location (X,Y) = 35, -39.5 Offset Location (X,Y) = 35, -27.5 Quantity = 4			

Scale: 1 inch= 45 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
SP3		20	1.000	Centario Pro 800W 35D	122134	824.79

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
INFIELD	Illuminance	Fc	51.02	58.9	41.5	1.42
OUTFIELD	Illuminance	Fc	33.98	46.9	16.6	2.83

DESIGN NOTES:

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

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

800W CENTARIO PRO | LED SPORT LIGHT

PRODUCT DESCRIPTION

THE CENTARIO PRO SERIES INCLUDES WITH AN ALL NEW DESIGN 5 YEAR WARRANTY MORE EFFICIENT WITH HIGHER LUMENS, TOP 100 LITE DRIVER, AND A NEW MOUNT. FLOOD MOUNT OPTION, THE CENTARIO PRO IS 0-16. CERTIFIED - THE FINANCE OF SPORT LIGHTING!

8 RUG-CENTARIO-PRO-800W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ UL cUL certificate
- ✓ Input voltage 120-277VAC
- ✓ No UV or IR in the beam
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Output constant current driver can be adjusted through output cable with 0-10VZ
- ✓ Stadium Fields
- ✓ Gymnasium
- ✓ Square plaza
- ✓ Shipyard, Airport, wharf
- ✓ High mast and Contour lighting, etc.

PRODUCT DIMENSIONS

800W CENTARIO PRO | LED SPORT LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

Input Power (Efficiency: 90%)	800W
Color Temperature	5000K
Lumen (Efficiency: 10%)	110000 LM
Efficiency (Efficiency: 3%)	140 LM/W
CRI	>90
Color Consistency	±7 Steps (or ±7 SDCM)
Beam Angle	30°
Distribution Pattern	NSMA3
Beam Angle (30°) (Efficiency: 21%)	35,100 lumens included in beam
Input Voltage and Frequency	120-277VAC, 50/60Hz
PF (Efficiency: 98%)	0.98
THD (Efficiency: 98%)	<20%
Power Factor	>0.95
Driver Model	800W-35D-CAS270W
Driver Surge protection	UL954, IEC61010-1, IEC61010-2
Dimming	0-10V Dimming, Handset
Overall Accessibility	Removal Removable, Removable, Removable Removable - 1000mm
LED Board	Removal Removable
LED Type	800W-35D
LED DUTY	100%
Material	Die-cast aluminum
Housing Color	Black, White, or Customized
IP Rating	IP65
Weight (kg)	11.2
Operating Temperature	-40°C to 40°C
Storage Temperature	-40°C to 85°C
Operating Humidity	90% - 95% RH
Storage Humidity	90% - 95% RH
Warranty	5 years warranty with 50,000 operating hours. Luminaire lifetime at 25°C

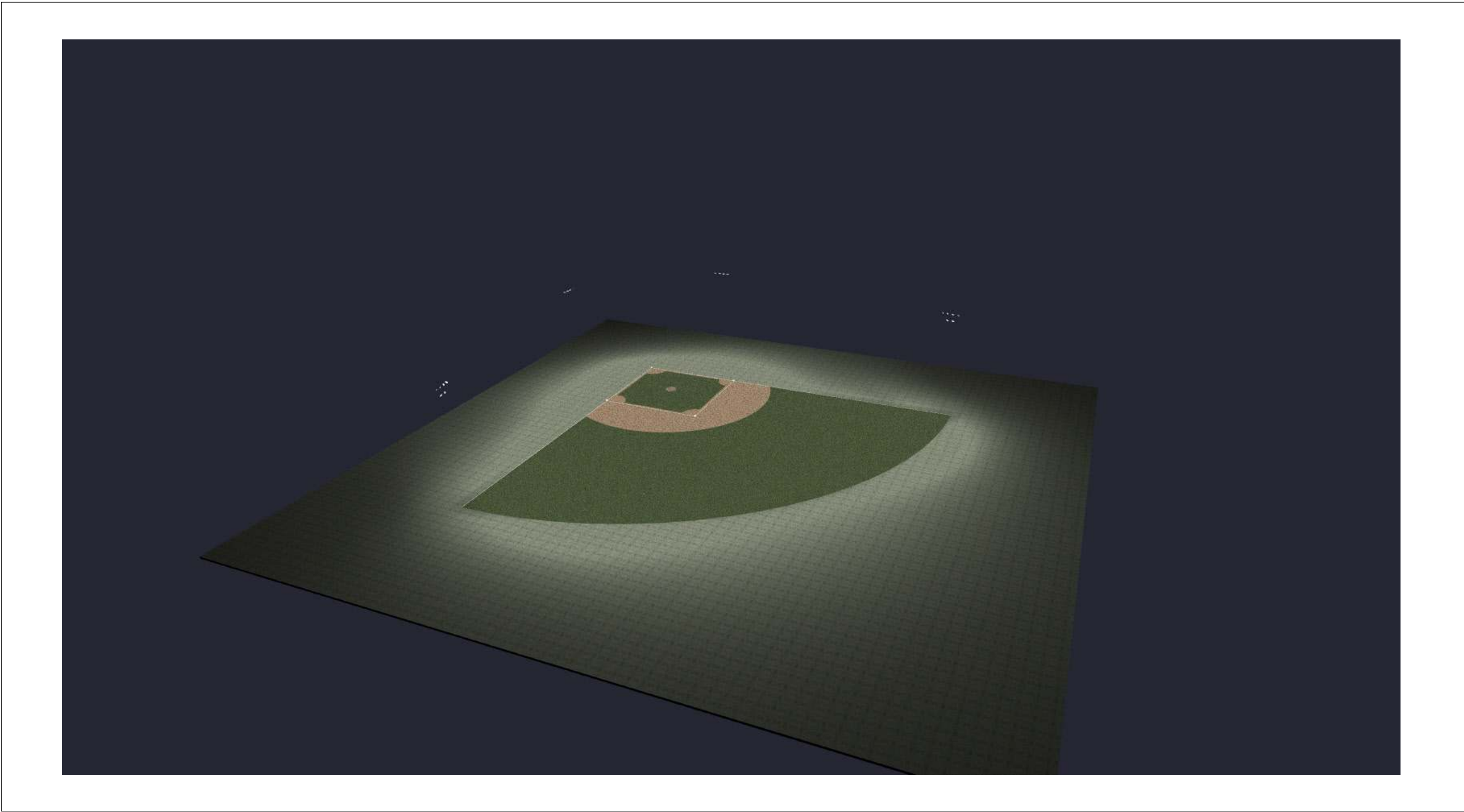
PRODUCT ACCESSORIES

800W CENTARIO PRO | LED SPORT LIGHT

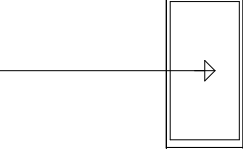
PRODUCT PACKAGING

Sheet Type	Lumen Test Report	Size	Qty/ Carton	Weight/ Carton
Sheet Size	1100mm	1100/200/1100mm	1 Pcs	24.9kg
Thickness of Carton Board	1.15mm	Thickness of Pallet	2.0mm	

TYPE SP3

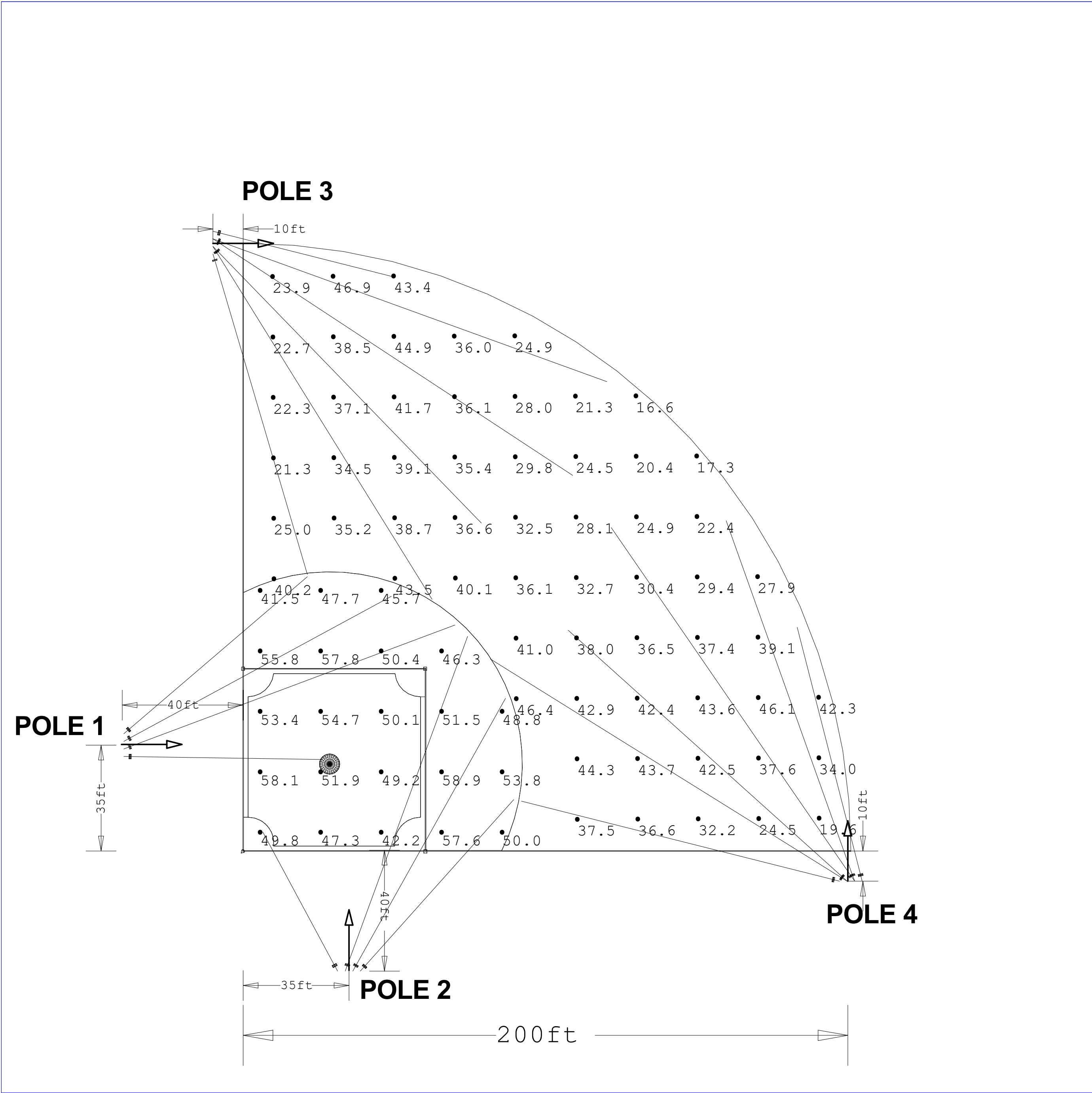


PLAN VIEW

Luminaire Schedule					
Symbol	Label	Qty	LLF	Description	Luminaire Watts
	SP3	20	1.000	Centario Pro 800W 35D	824.79

Calculation Summary							
Label			Units	Avg	Max	Min	Avg/Min
INFIELD			Fc	51.02	58.9	41.5	1.23
OUTFIELD			Fc	33.98	46.9	16.6	2.05

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
2	SP3	-10	205	60	345.85	44.694
3	SP3	-10	202.5	60	326.673	66.864
4	SP3	-10	200	60	301.84	66.105
5	SP3	-10	197.5	60	286.426	90
10	SP3	-39.5	38.75	60	40.562	52.419
11	SP3	-39.5	36.25	60	28.474	58.699
12	SP3	-39.5	33.75	60	20.527	62.432
13	SP3	-39.5	31.25	60	359.125	46.627
15	SP3	38.75	-39.75	60	48.195	51.015
16	SP3	36.25	-39.75	60	60.771	59.391
17	SP3	33.75	-39.75	60	69.913	62.635
18	SP3	31.25	-39.75	60	118.282	39.938
20	SP3	204.75	-10	60	104.357	54.689
21	SP3	202.25	-10	56	109.616	65.799
22	SP3	199.75	-10	60	148.082	66.352
23	SP3	197.25	-10	60	165.868	60.612
27	SP3	199.75	-10	56	138.021	65.361
28	SP3	202.25	-10	60	124.529	66.804
29	SP3	-10	200	56	314.126	65.948
30	SP3	-10	202.5	56	340.061	67.702



POLE 3

SP3	SP3	SP3	SP3
14R	33R	58R	74R
45 DN	23 DN	24 DN	0 DN
54.5,-11	114,-76.7	67.5,-117.7	26.3,-109.5

SP3	SP3
20R	46R
22 DN	24 DN
125.3,-45.7	83.8,-92.5

Diagram Height = 56
Actual Location (X,Y) = -10, 201
Offset Location (X,Y) = -5, 201
Quantity = 6

POLE 4

SP3	SP3	SP3	SP3
76L	58L	35L	14L
29 DN	24 DN	23 DN	35 DN
-108,22	-118.2,69	-78.2,112.5	-16.7,79.5

SP3	SP3
48L	20L
25 DN	24 DN
-92.5,78.5	-40.2,114.8

Diagram Height = 56
Actual Location (X,Y) = 200, -10
Offset Location (X,Y) = 200, -5.5
Quantity = 6

POLE 1

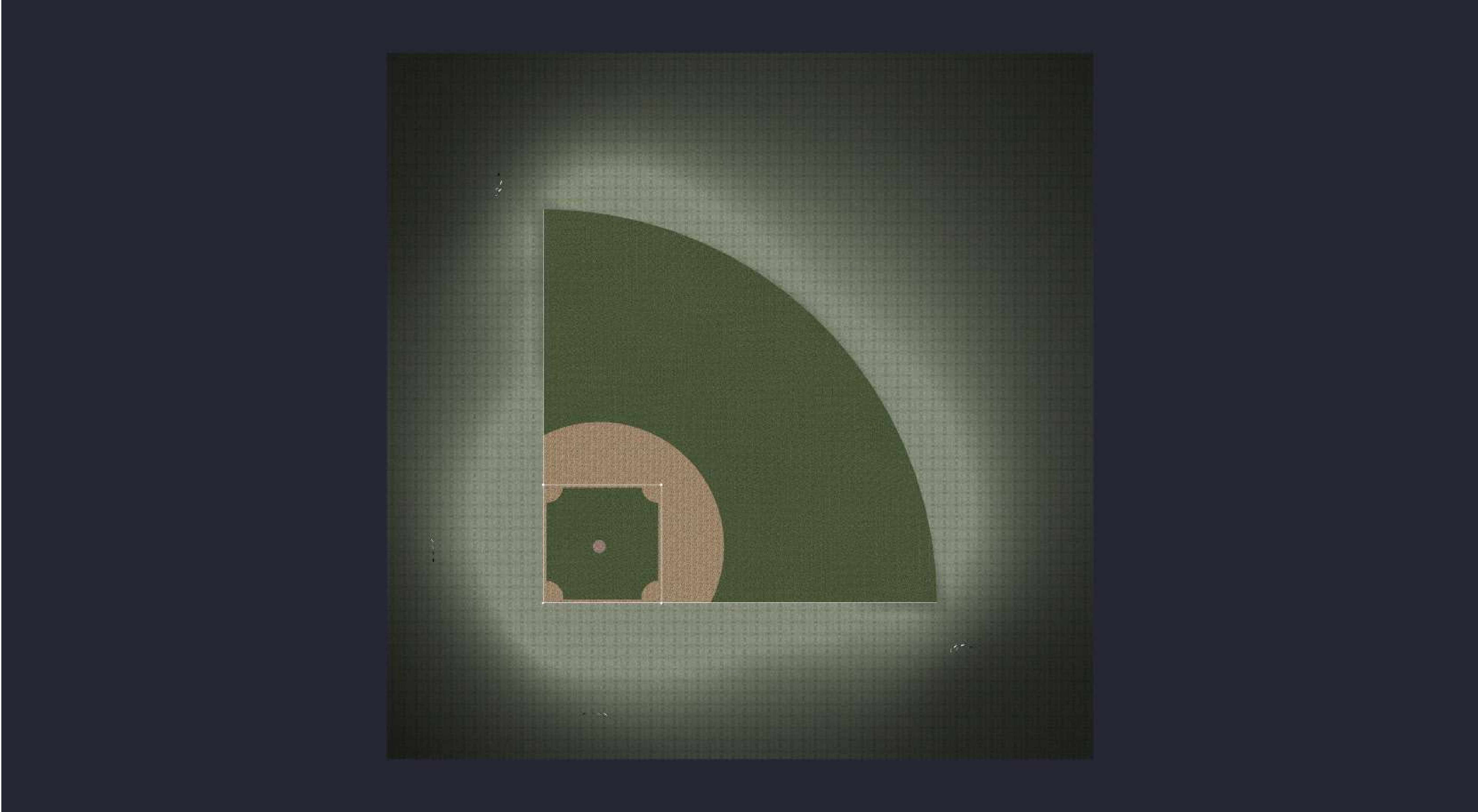
SP3	SP3	SP3	SP3
41L	28L	21L	1R
38 DN	31 DN	28 DN	43 DN
55,55.5	82.8,49	103.8,39.5	59.8,-5

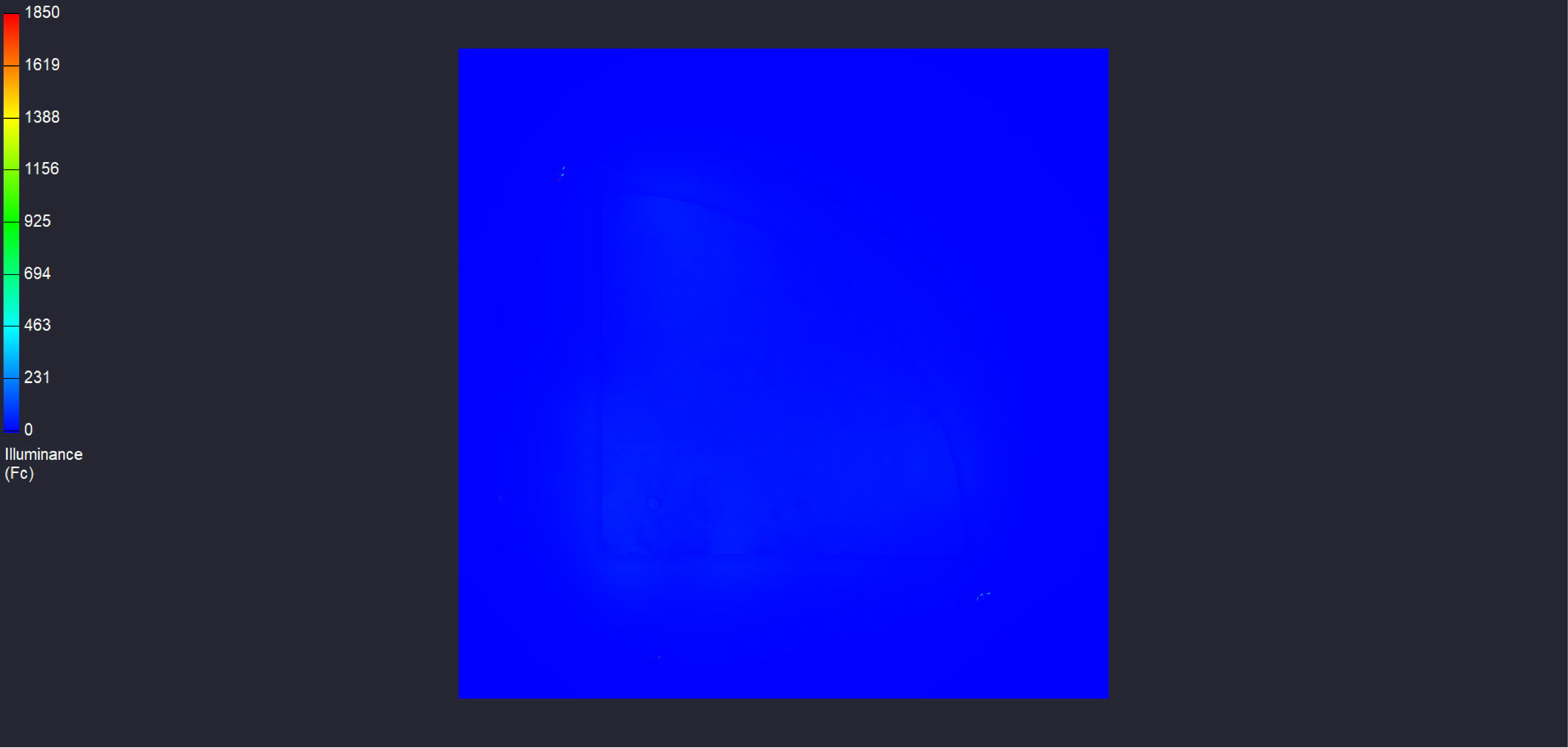
Diagram Height = 60
Actual Location (X,Y) = -40.25, 35.25
Offset Location (X,Y) = -33.75, 35.25
Quantity = 4

POLE 2

SP3	SP3	SP3	SP3
28L	20R	29R	42R
50 DN	27 DN	31 DN	39 DN
-28.5,33.8	39.3,98.5	51.8,78	54.5,44.5

Diagram Height = 60
Actual Location (X,Y) = 35, -39.5
Offset Location (X,Y) = 35, -27.5
Quantity = 4





200' BASELINE 800 WATT