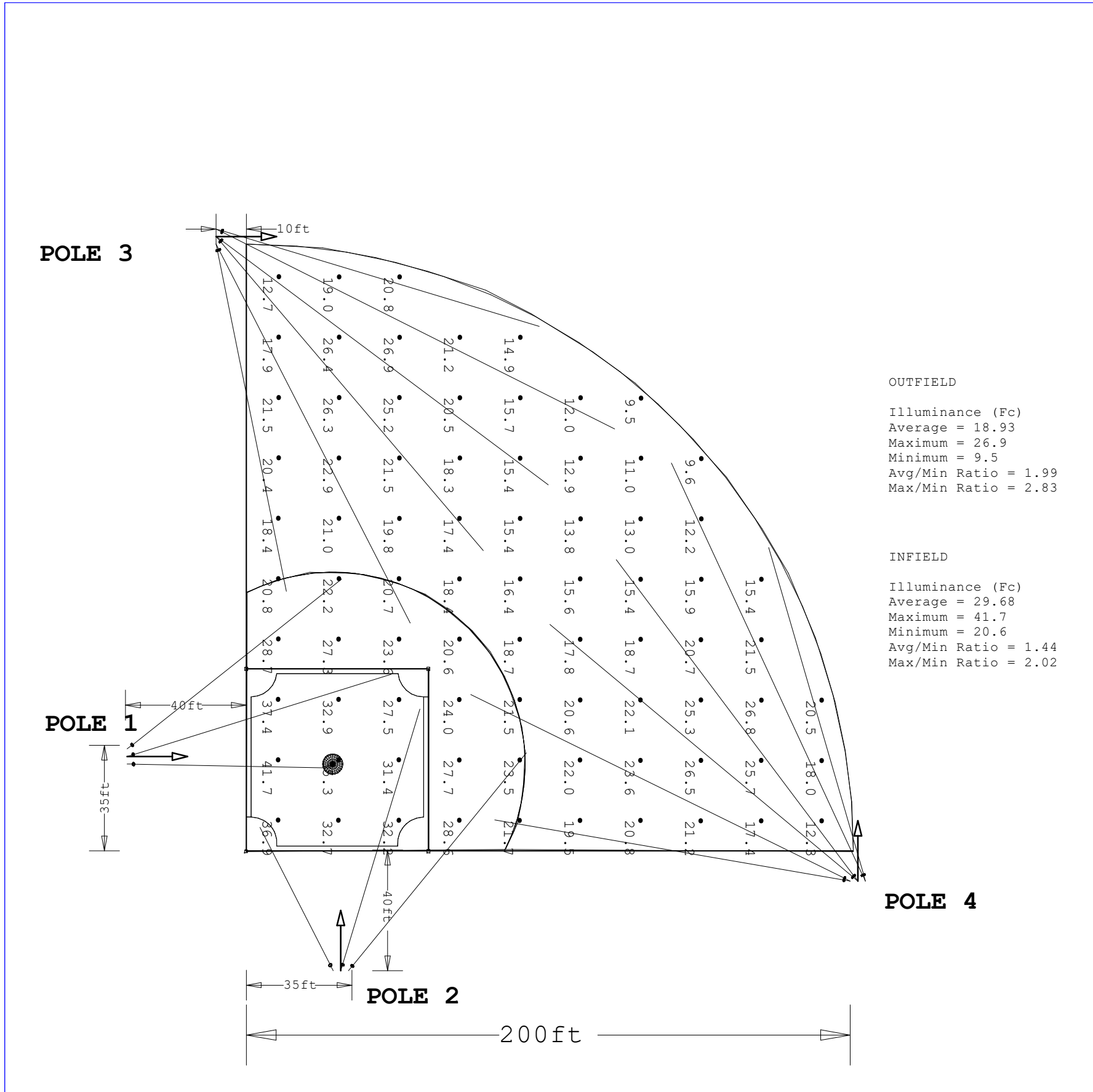




Scale: 1 inch= 39.13 Ft.

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
SP2		12	1.000	StadiumPro IV 500W 40D	77064	493.64
SP1		6	1.000	StadiumPro IV 500W 30D	76439	493.6

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
CalcPts_1	Illuminance	Fc	21.38	41.7	9.5	4.39
INFIELD	Illuminance	Fc	29.68	41.7	20.6	2.02
OUTFIELD	Illuminance	Fc	18.93	26.9	9.5	2.83

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

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

PRODUCT DESCRIPTION

The StadiumPro Series reaches new heights with the Series IV it boasts enhanced efficiency, delivering an impressive 160 Lumens per watt. Equipped with input-voltage universal LED Driver, it offers versatile mounting options and advanced optics. The Stadium Pro IV is UL Listed and DLC Premium S-1 Certification this upcoming fall, solidifying its status as the pinnacle of sports lighting!

UL LISTED

DLC PREMIUM S-1

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, DLC S-1 premium certificate
- Wattage adjustable
- Input voltage 120-277 Vac
- 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 mode can be adjusted through output cable with 0-10V
- Gymnasium
- Square plaza
- Chaparral, Airport, wharf
- High threat area (airport lighting, etc.)

PRODUCT DIMENSIONS

500W STADIUMPRO IV SERIES | LED SPORT LIGHT

PRODUCT TECHNICAL SPECIFICATIONS

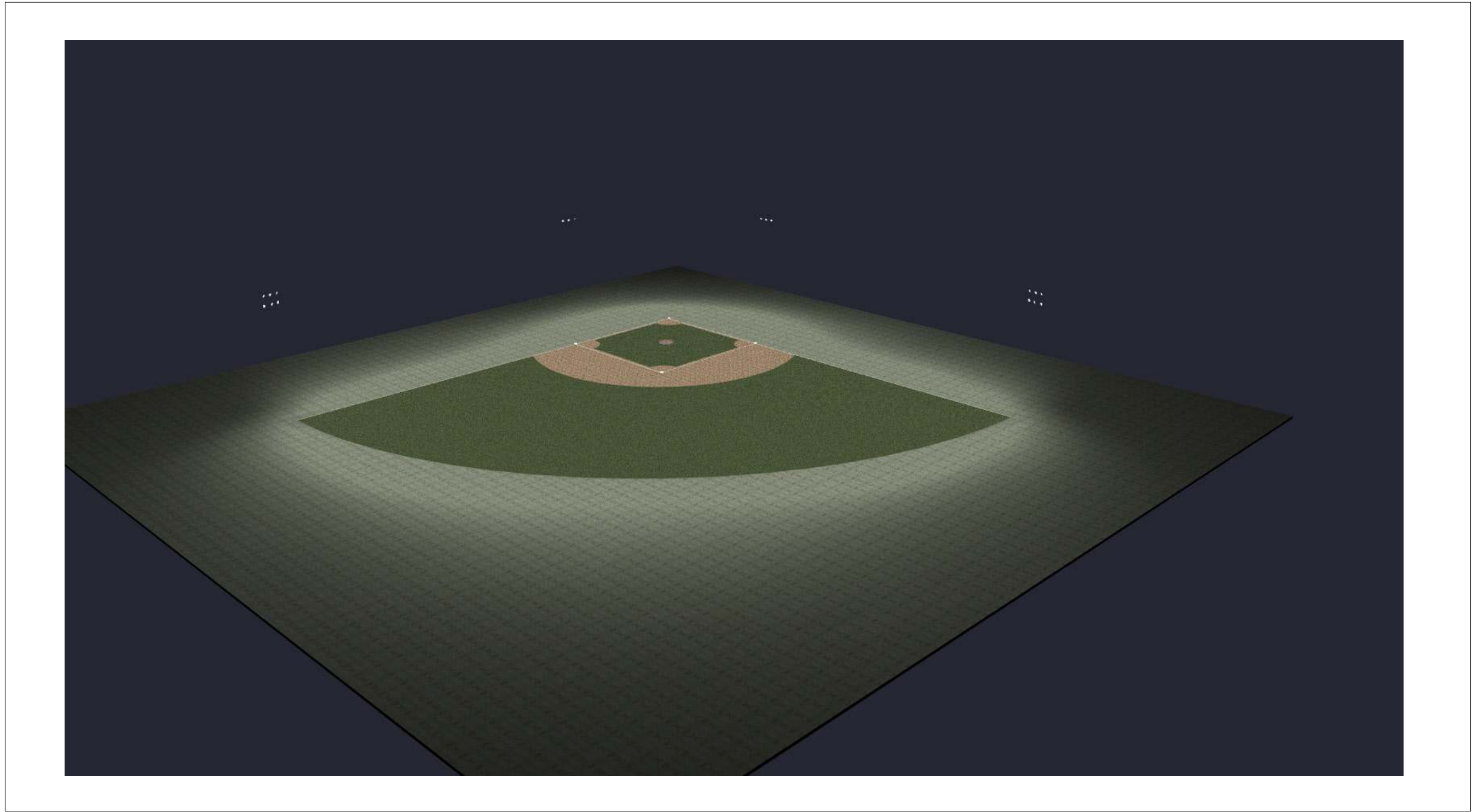
OPTICAL	Input Power (Tolerance: ±10%)	500W (Voltage Adjustable Range 20%~100%)
	Color Temperature	4000K
	Lumen (Tolerance: ±10%)	76000 LM
	Efficiency (Tolerance: ±10%)	152 LM/W
ELECTRONIC	Color Consistency	±3
	CRI	>90
	Color Consistency	±3 Steps (or ±0.050CM)
	Beam Angle	30°/40°
	Distribution Pattern	NEMA 4
	Beam Angle (30°/40°) (Tolerance: ±15%)	30°/40°
	Input Voltage and Frequency	120-277 VAC, 50/60Hz
	PF (Tolerance: ±3%)	0.99
	THD (Tolerance: ±5%)	<20%
	Factor Protect	0%
MATERIALS	Driver Brand	Reputable Lighting
	Driver Model	Reputable Lighting Driver
	Driver Surge protection	UL94 V-0, 1000V
	Dimming	0-10V Dimming standard
	Sensor Type	Human Sensing, PIR Motion Sensor, Photoacoustic
	Optional Accessory	Sensor Replaceable, Photocopy, Sensor Replaceable Short Cap
	LED Brand	Reputable Lighting
	LED Type	Reputable LED
	LED QTY	504 PCS
	Housing	Black/White/Brushed/Customized
OTHERS	Warranty	5 years

PART NUMBER GUIDE

Model	Wattage	Driver	LED'S	Lens	Color Temp
RGL-STADIUMPRO-4	500	Upwarrtek	BridgeLux	PS2A1 30°	3000K
	1400			PS2A1 40°	500K

Image File : RGL-STADIUMPRO-4-500WT1PS2A1_002Image File : RGL-STADIUMPRO-4-500WT1PS3A1_002

TYPE SP SP1 30 DEGREE SP2 40 DEGREE

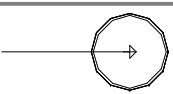


3D RENDERING

DESIGN NOTES:

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

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OUTFIELD	Illuminance	Fc	18.93	26.9	9.5	2.83

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	SP1	-10	206	46	343.227	67.261
2	SP2	-10	206	50	333.348	71.058
3	SP2	-10	203.5	50	323.214	69.725
4	SP1	-10	201	50	297.11	70.214
7	SP1	205	-10	46	106.151	67.857
13	SP2	-39.5	28.75	50	358.939	52.648
14	SP2	-39.5	33.75	50	38.388	60.557
18	SP2	28.75	-39.75	50	117.045	45.753
19	SP2	33.75	-39.75	50	50.765	61.287
20	SP2	205	-10	50	114.887	71.642
21	SP2	202.5	-10	50	126.913	69.138
22	SP1	200	-10	50	153.846	70.096
25	SP2	-10	203.5	46	310.396	71.127
26	SP1	-10	201	46	281.43	68.255
27	SP1	200	-10	46	170.242	68.617
28	SP2	202.5	-10	46	140.194	70.621
31	SP2	-39.5	31.25	50	17.298	60.849
32	SP2	31.25	-39.75	50	73.165	60.572

POLE 3

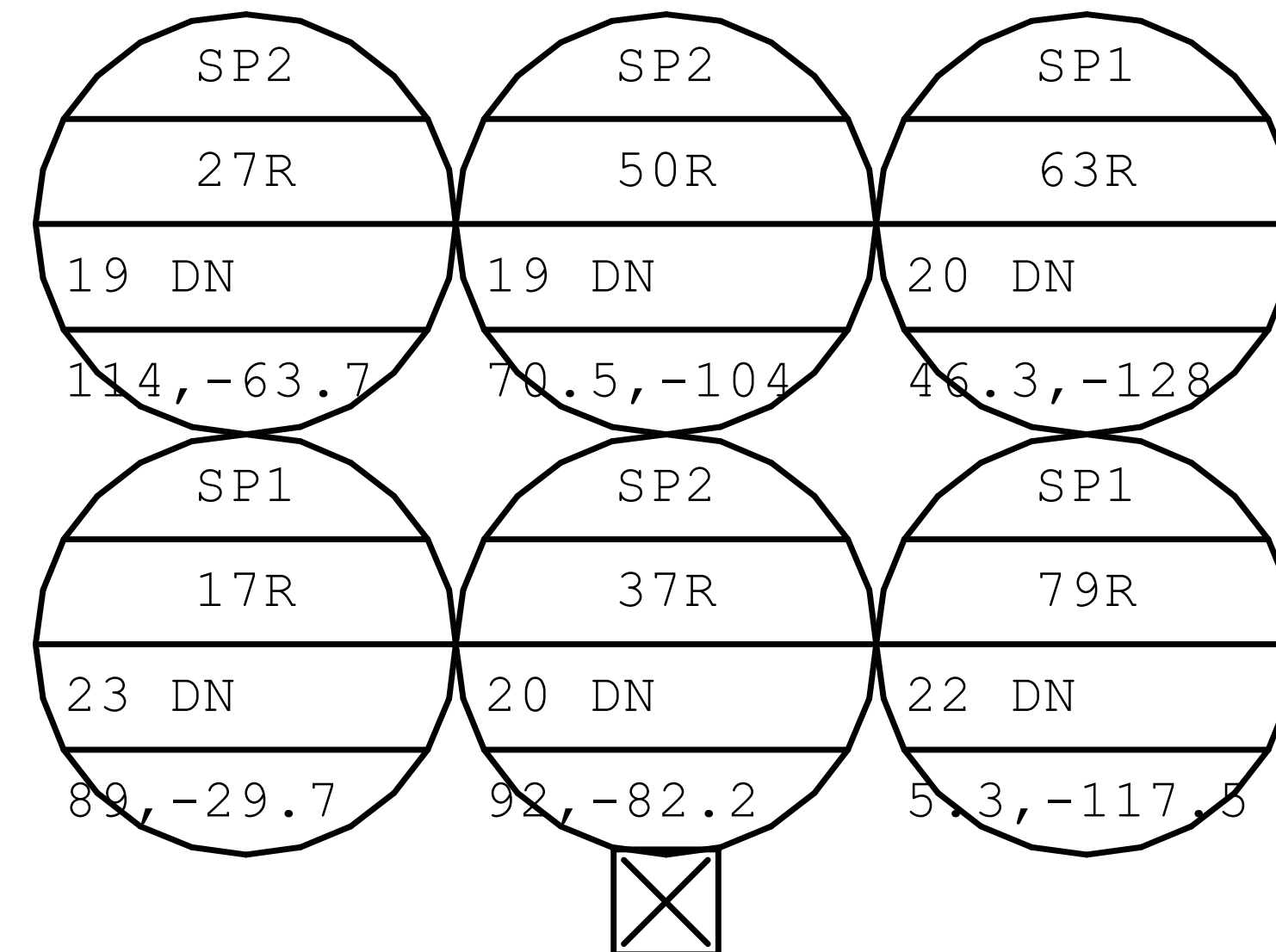


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Offset Location (X,Y) = 8, 203.5
Quantity = 6

POLE 4

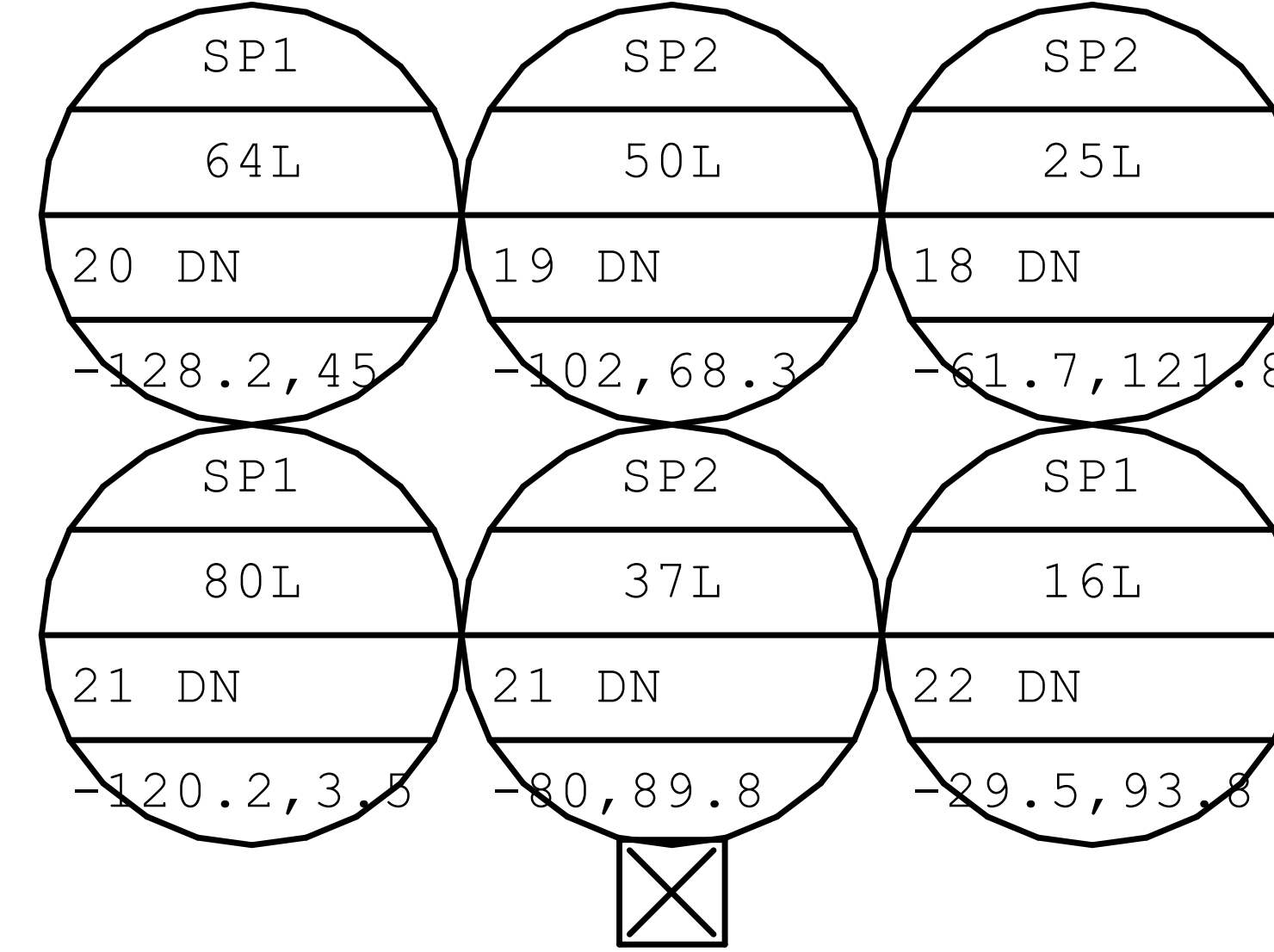


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Offset Location (X,Y) = 202.5, 6.75
Quantity = 6

POLE 1

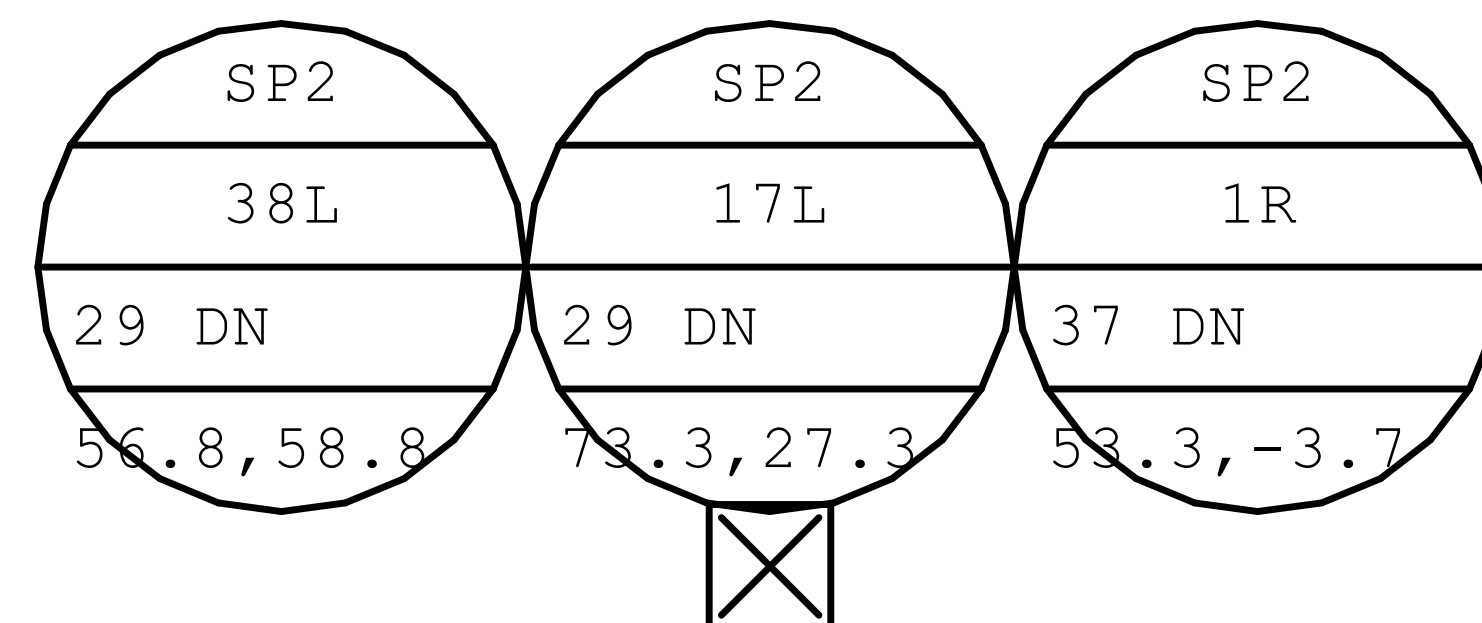


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POLE 2

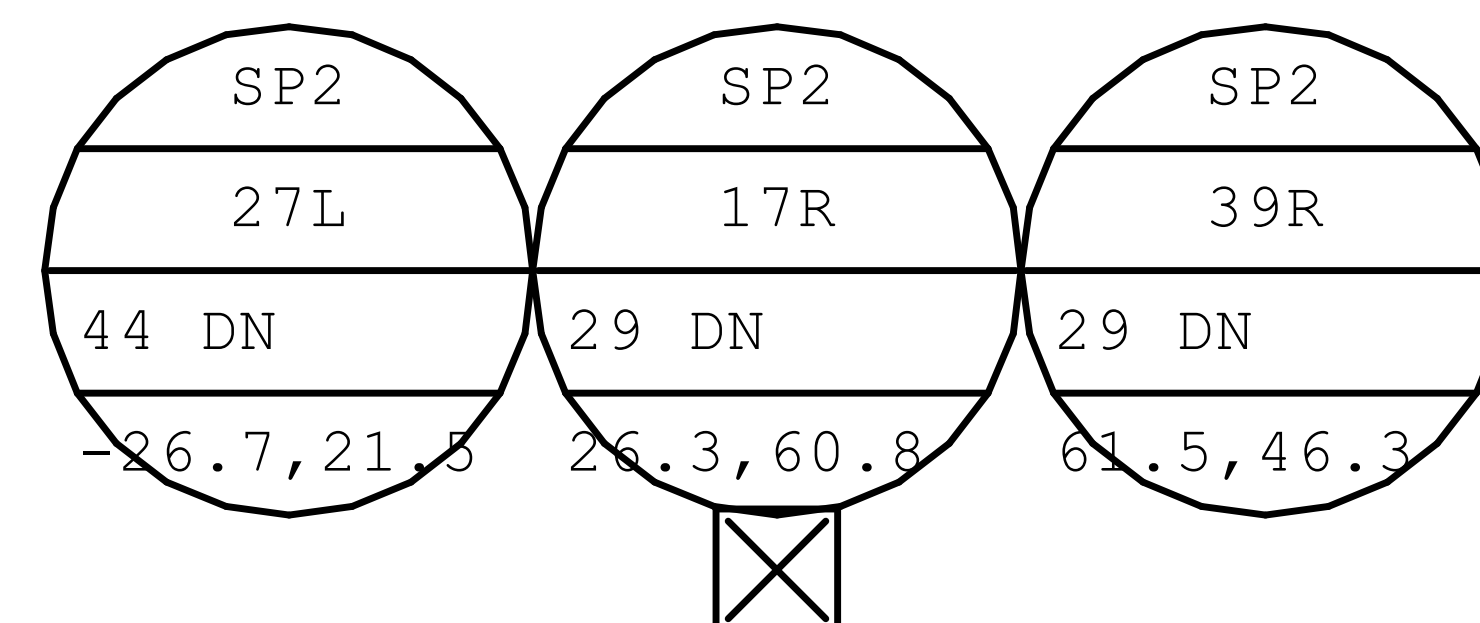


Diagram Height = 50
Actual Location (X,Y) = 31.25, -39.75
Offset Location (X,Y) = 31.25, -13.75
Quantity = 3

