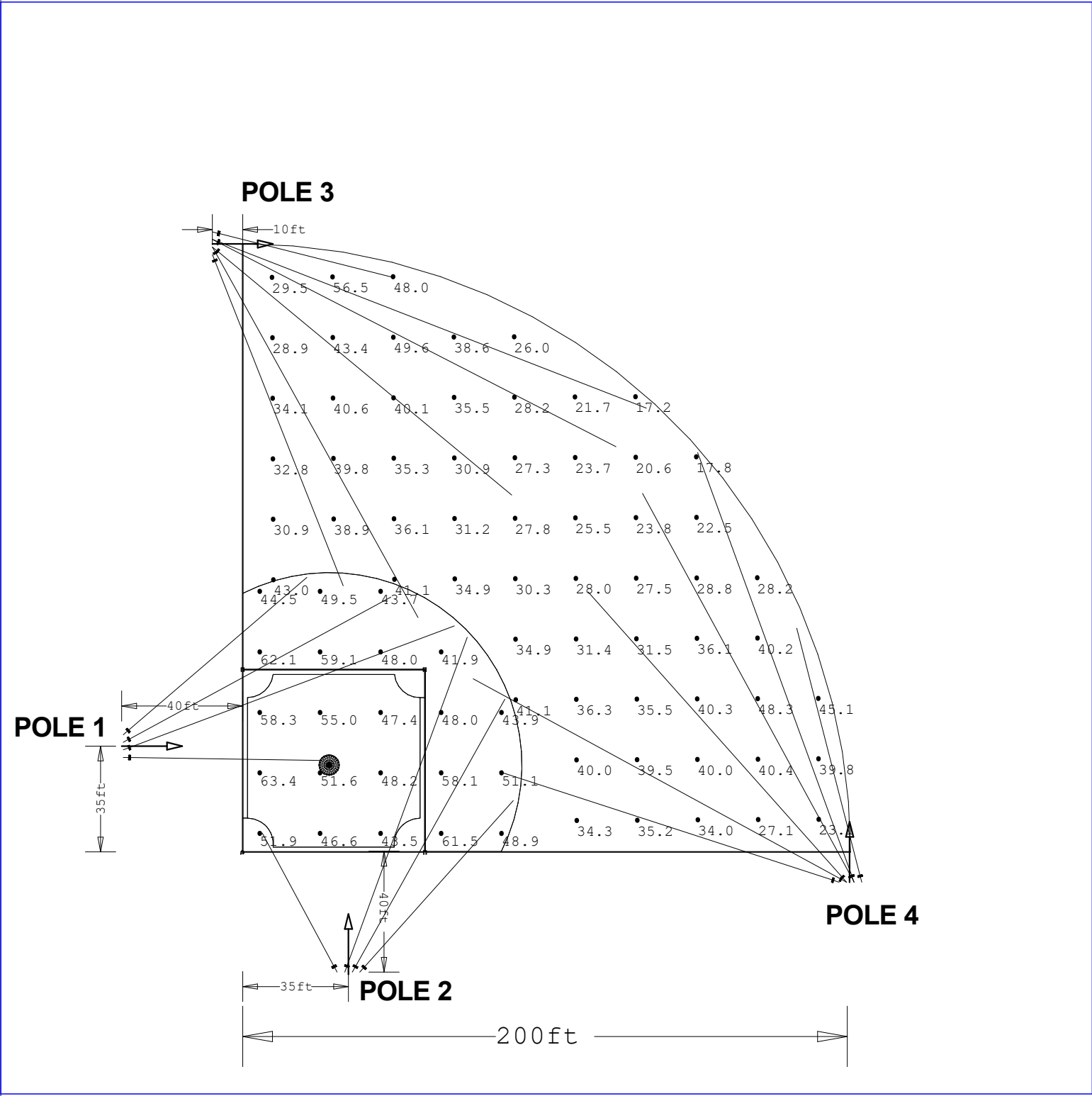




Scale: 1 inch= 45 Ft.

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	51.19	63.4	41.9	1.51
OUTFIELD	Illuminance	Fc	33.98	56.5	17.2	3.28

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 LUMEN EFFICIENCY, AND A NEW MOUNT. FLOOD MOUNT OPTION, THE CENTARIO PRO IS 0-16. CERTIFIED - THE FINANCE OF SPORT LIGHTING!

800W CENTARIO PRO-BOW

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 0-10V
- ✓ 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
Energy (Efficiency: 3%)	140 LUMW
CRI	>90
Color Consistency	±7 Steps (or ±7 BROAD)
Beam Angle	30°
Beam Angle (30°) (Efficiency: 21%)	35,000 lumens (included in box)
Input Voltage and Frequency	120-277VAC, 50/60Hz
IP (Efficiency: 3%)	IP66
IP65 (Efficiency: 3%)	IP65
Product Weight	25LBS
Driver Board	90°/90°/90°
Driver Model	LED-800W-CAS2-20W
Driver Surge protection	100V/100V/100V
Dimming	0-10V Dimming, Handset
Driver Assembly	Driver Assembly, Photocell, Sensor, Rechargeable + Short Cap
LED Board	Superior LED Board
LED Type	Superior LED
LED DUTY	100% DUTY
Housing	Die-cast aluminum
Housing Color	Black, White, or Customized
IP Rating	IP66
Warranty	5 Year
Operating Temperature	-40°C to 50°C
Storage Temperature	-40°C to 50°C
Operating Humidity	90% - 95% RH
Storage Humidity	90% - 95% RH
Warranty	5 Year warranty with 24/7 operating hours Luminaire lifetime at 25°C

PRODUCT ACCESSORIES

TYPE SP3

PLAN VIEW

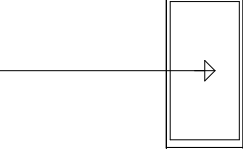
LEDLightExpert.com

200' BASELINE 800 WATT

Date:9/9/2025

Drawn By: MS

Revision #:

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	51.19	63.4	41.9	1.22
OUTFIELD		Fc	33.98	56.5	17.2	1.98

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
2	SP3	-10	205	50	345.851	49.893
3	SP3	-10	202.5	50	332.837	71.339
4	SP3	-10	200	46	299.035	71.578
5	SP3	-10	197.5	50	291.553	66.634
10	SP3	-39.5	38.75	50	40.562	57.328
11	SP3	-39.5	36.25	50	28.474	63.129
12	SP3	-39.5	33.75	50	20.527	66.488
13	SP3	-39.5	31.25	50	359.125	51.786
15	SP3	38.75	-39.75	50	48.195	56.002
16	SP3	36.25	-39.75	50	60.771	63.756
17	SP3	33.75	-39.75	50	69.913	66.668
18	SP3	31.25	-39.75	50	118.282	45.135
20	SP3	204.75	-10	50	104.357	59.448
21	SP3	202.25	-10	46	110.024	72.858
22	SP3	199.75	-10	46	151.43	71.642
23	SP3	197.25	-10	50	161.987	66.689
27	SP3	199.75	-10	50	131.689	68.442
28	SP3	202.25	-10	50	118.579	70.892
29	SP3	-10	200	50	320.366	68.441
30	SP3	-10	202.5	46	338.769	73.157

