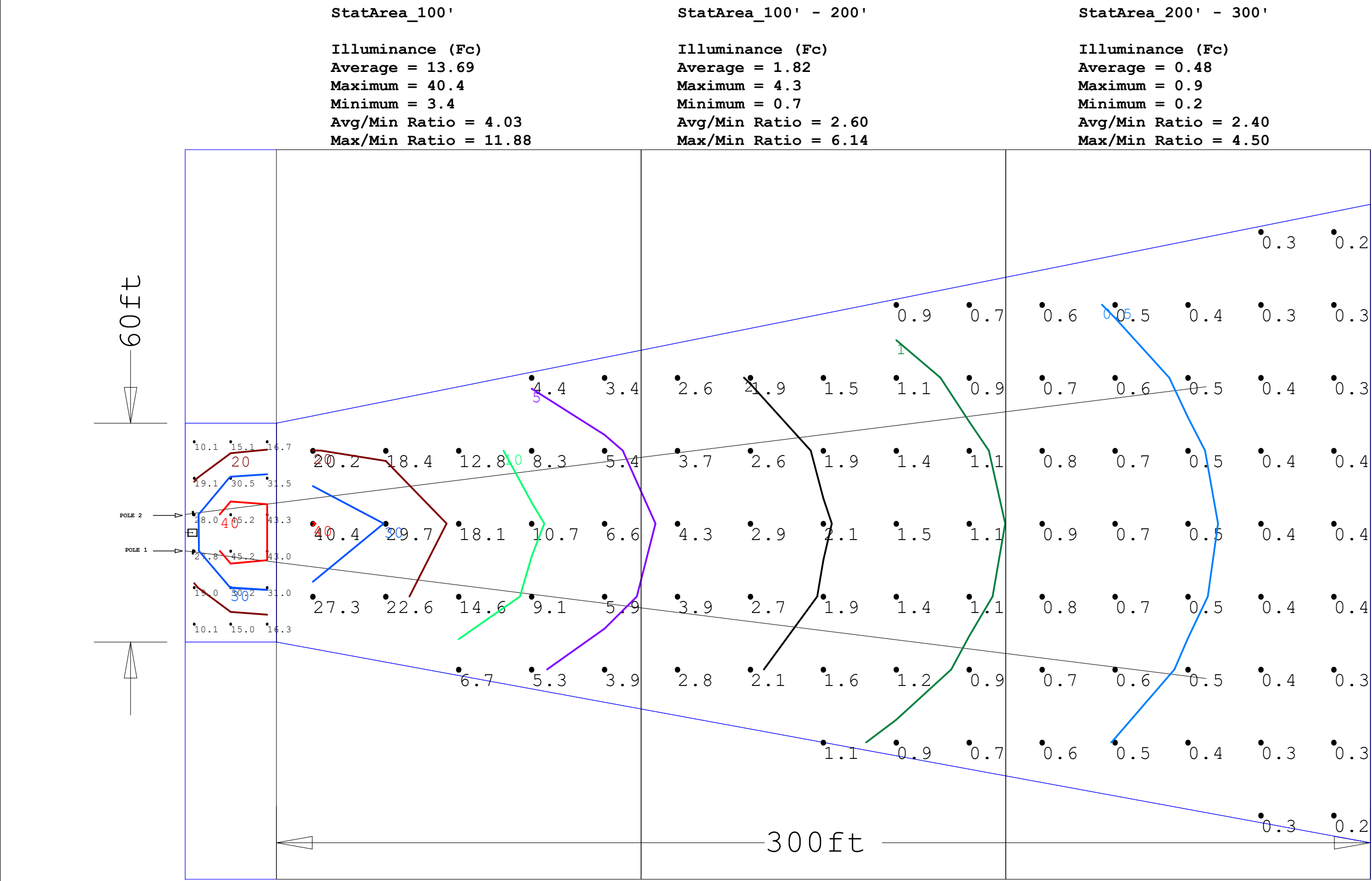




Scale: 1 inch= 26.67 Ft.

LIGHTING DETAILS:

Luminaire Schedule							
Label	Symbol	Qty	LLF	Description	Arrangement	Luminaire Lumens	Luminaire Watts
A1		1	1.000	NextGen 4 300W T3	Single	42839	297.43
SP2		2	1.000	StadiumPro IV 1400W 40D	Single	196265	1398.9

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Grid Z
Object_4_Top	Illuminance	Fc	3.90	40.4	0.2	0.6
Object_6_Top_1	Illuminance	Fc	26.51	45.2	10.1	0
StatArea_100'	Illuminance	Fc	13.69	40.4	3.4	
StatArea_100' - 200'	Illuminance	Fc	1.82	4.3	0.7	
StatArea_200' - 300'	Illuminance	Fc	0.48	0.9	0.2	

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.

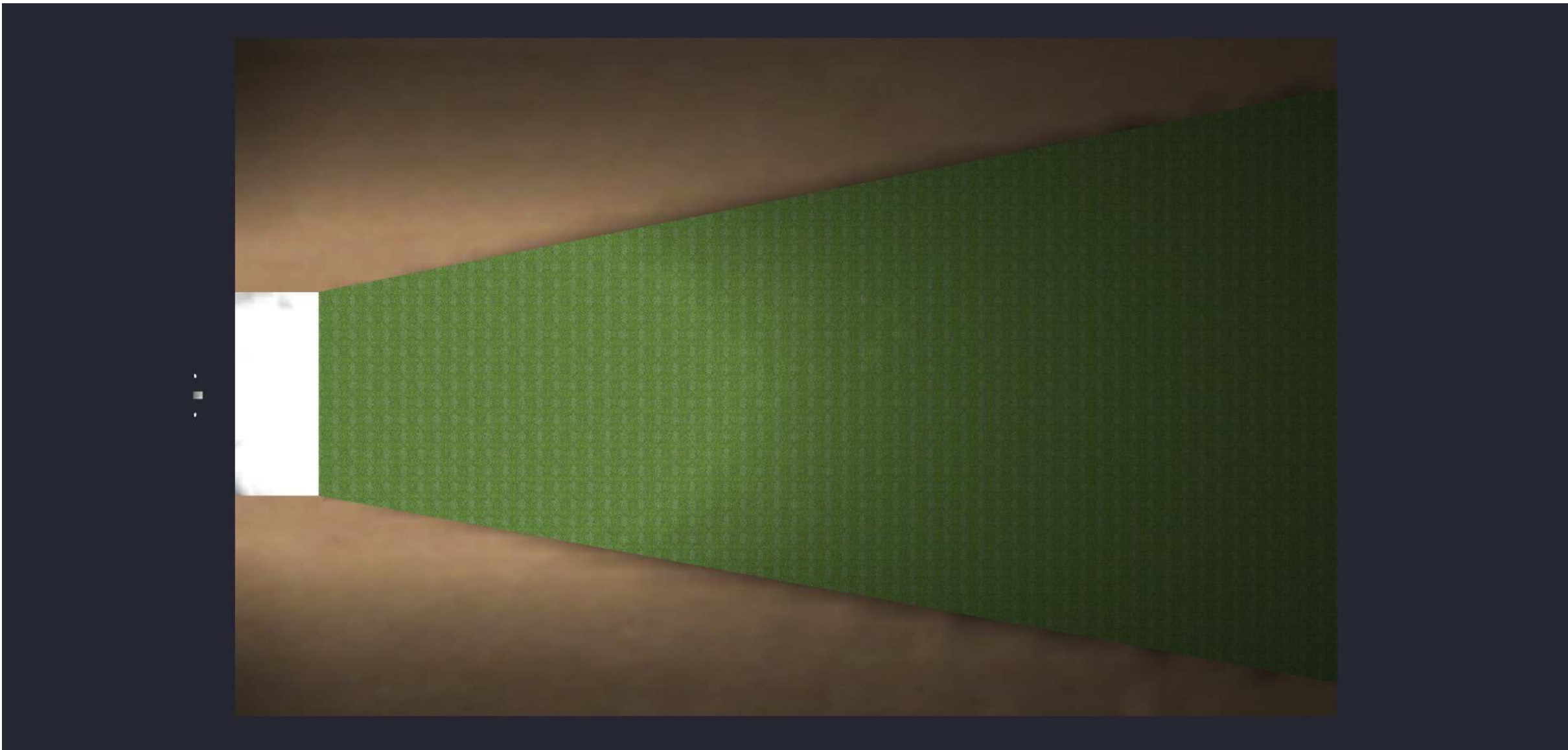
SPEC SHEET & RENDERS



TYPE A1

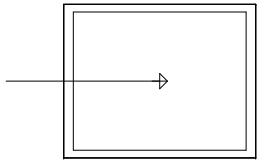
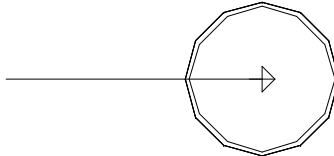


TYPE SP2



PLAN VIEW

LIGHTING DETAILS:

Luminaire Schedule						
Label	Symbol	Qty	LLF	Description	Luminaire Lumens	Luminaire Watts
A1		1	1.000	NextGen 4 300W T3	42839	297.43
SP2		2	1.000	StadiumPro IV 1400W 40D	196265	1398.9

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
Object_4_Top	Illuminance	Fc	3.90	40.4	0.2	202.00
Object_6_Top_1	Illuminance	Fc	26.51	45.2	10.1	4.48
StatArea_100'	Illuminance	Fc	13.69	40.4	3.4	11.88
StatArea_100' - 200'	Illuminance	Fc	1.82	4.3	0.7	6.14
StatArea_200' - 300'	Illuminance	Fc	0.48	0.9	0.2	4.50

Luminaire Location Summary						
		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
114	A1	0	95	20	0	0
115	SP2	0	100	21.5	7.125	85.612
116	SP2	0	90	21.5	352.875	85.612

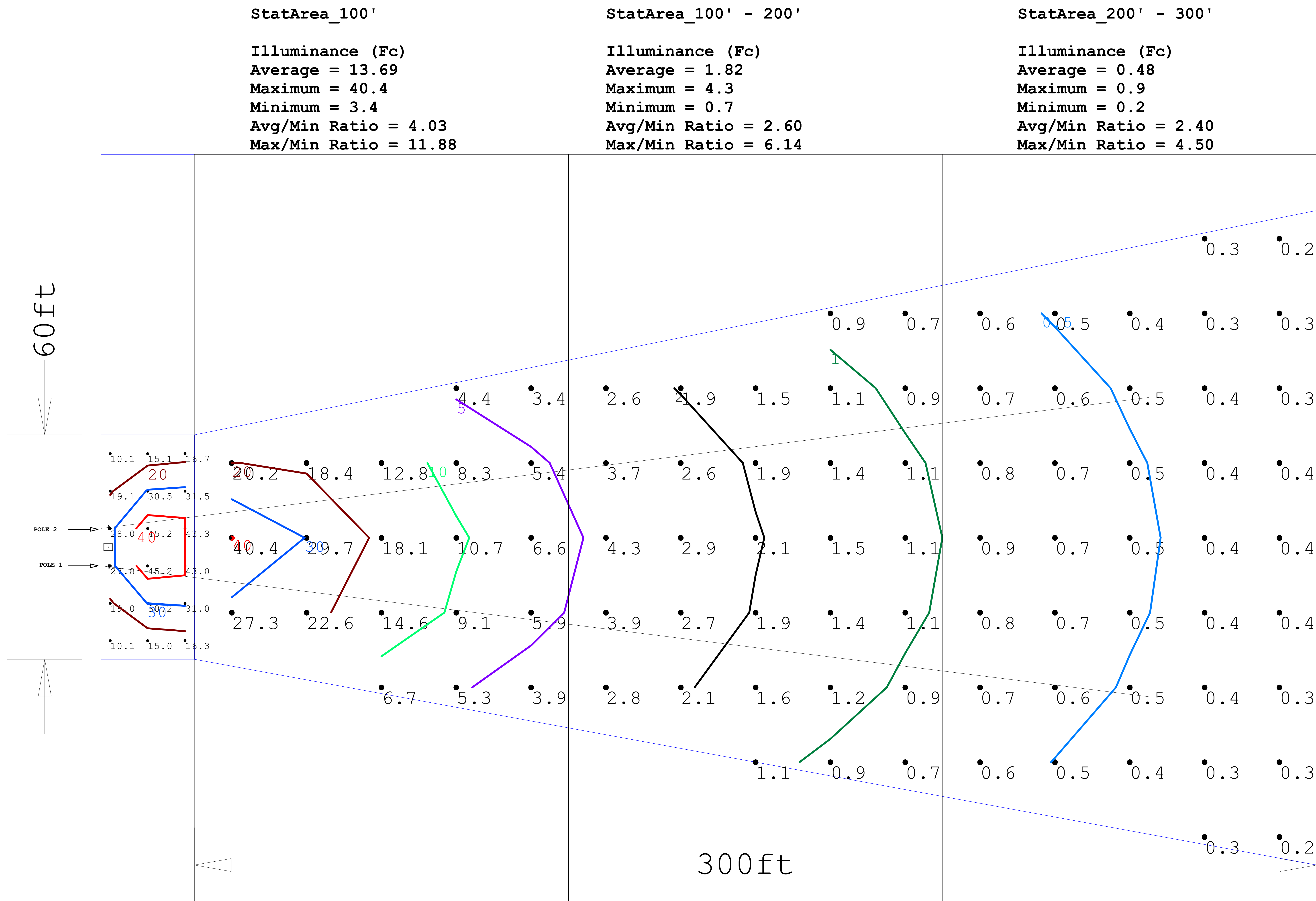
Note on this Design:
This report makes no representations in regard to Lighting Design or Specification, rather it attempts to accurately reflect the photometric results of a design,as approved by others.

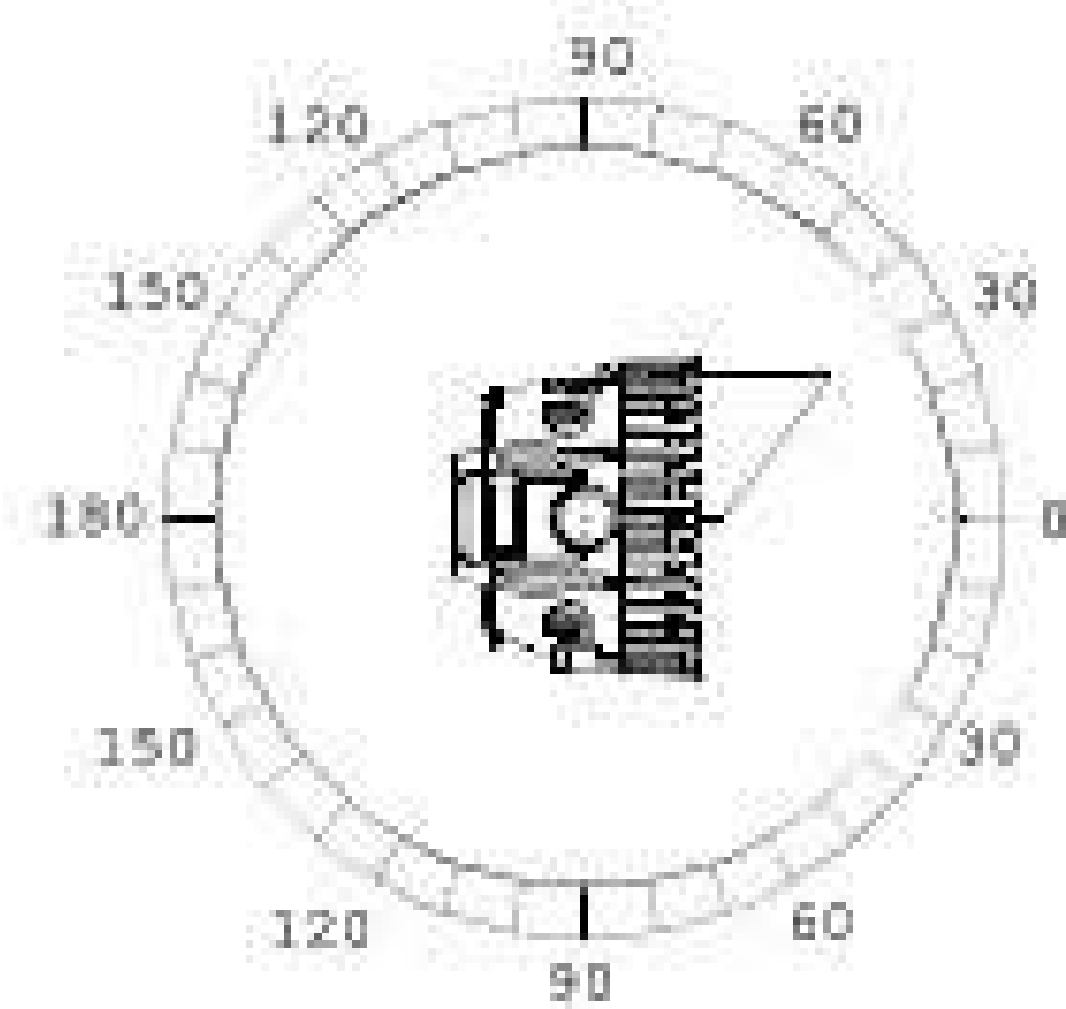
This analysis is a mathematical model and can be only as accurate as is permitted by the third-party software and the IES standards used. All digital CAD data appear to be accurate, however, this apparent accuracy is an artifact of the techniques used to generate it and is in no way intended to imply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

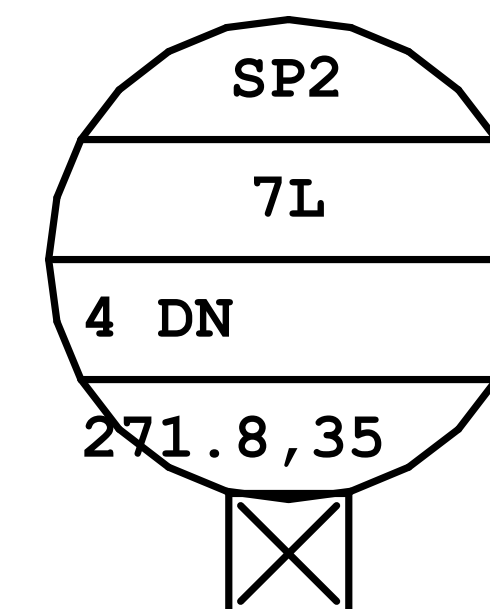
- DESIGN NOTES:
- -
 -
 -



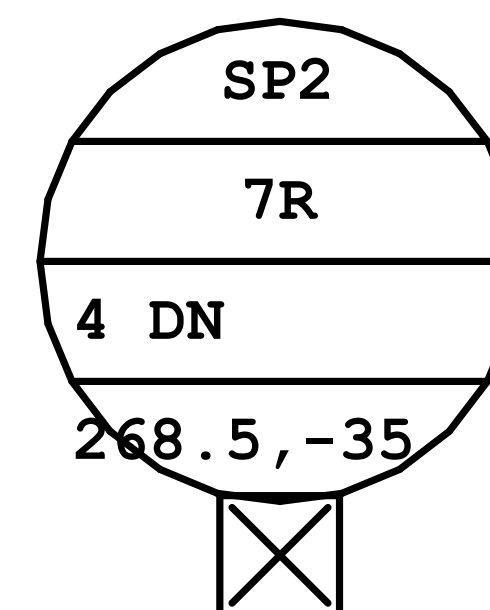


Aiming Diagram Key:
Orientation - Orientation angle left (L)
or Right (R) of reference angle
TiltDN - Tilt angle down from horizontal
SeqNum - Luminaire sequence number
LumLabel - Luminaire label

Horizontal Aiming Diagram
Fixture Shown Aimed at Zero (0) (ie: Horizontal)



POLE 2
20' POLE TOP 1400W
Diagram Height = 21.5
Actual Location (X,Y) = 0, 100
Offset Location (X,Y) = 8.25, 100
Quantity = 1



POLE 1
20' POLE TOP 1400W
Diagram Height = 21.5
Actual Location (X,Y) = -2.25, 90
Offset Location (X,Y) = 11.5, 90
Quantity = 1

