

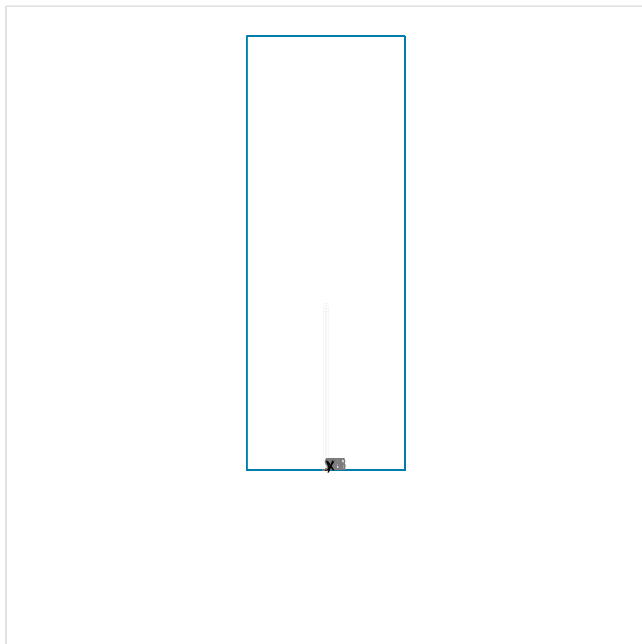
Date:
4/27/2020



J25698 layout

Photometric Report 01

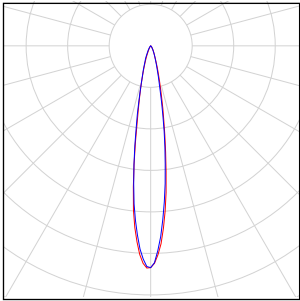
Site 1



LARSON ELECTRONICS GAU-LTL-500W-LED-10SP 500W LED FLOOD LIGHT - 10 DEGREE OPTICS

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	-4.867	0.295	120.000	0.80
2	-1.613	0.295	120.000	0.80
3	1.641	0.295	120.000	0.80
4	4.895	0.295	120.000	0.80
5	-4.867	0.295	122.000	0.80
6	-1.613	0.295	122.000	0.80
7	1.641	0.295	122.000	0.80
8	4.895	0.295	122.000	0.80
9	-4.867	0.295	124.000	0.80
10	-1.613	0.295	124.000	0.80
11	1.641	0.295	124.000	0.80
12	4.895	0.295	124.000	0.80
13	-4.867	0.295	126.000	0.80
14	-1.613	0.295	126.000	0.80
15	1.641	0.295	126.000	0.80
16	4.895	0.295	126.000	0.80

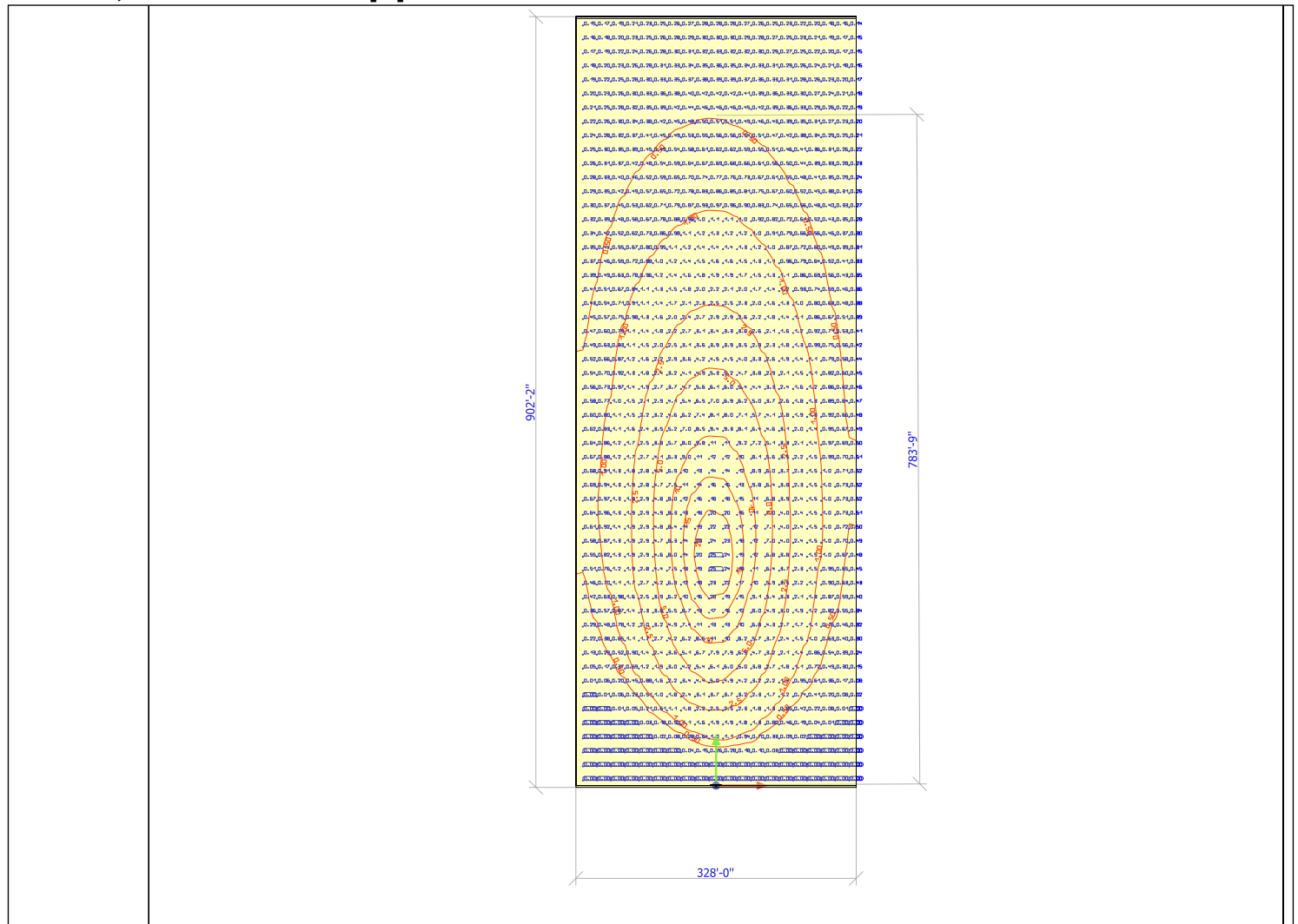
Site 1

Quantity	Luminaire (Luminous emittance)		
16	LARSON ELECTRONICS - GAU-LTL-500W-LED-10SP 500W LED FLOOD LIGHT - 10 DEGREE OPTICS Luminous emittance 1 Fitting: 1x Absolute photometry Luminaire luminous flux: 65101 lm Power: 502.3 W Luminous efficacy: 129.6 lm/W Colourimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

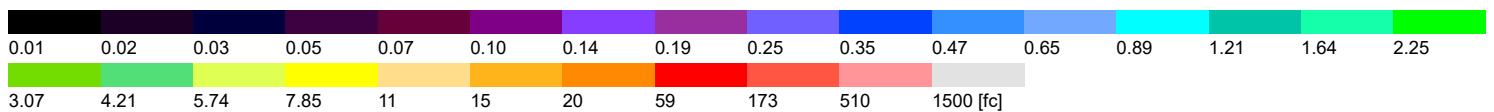
Total lamp luminous flux: 1041616 lm, Total luminaire luminous flux: 1041616 lm, Total Load: 8036.8 W, Luminous efficacy: 129.6 lm/W

Site 1

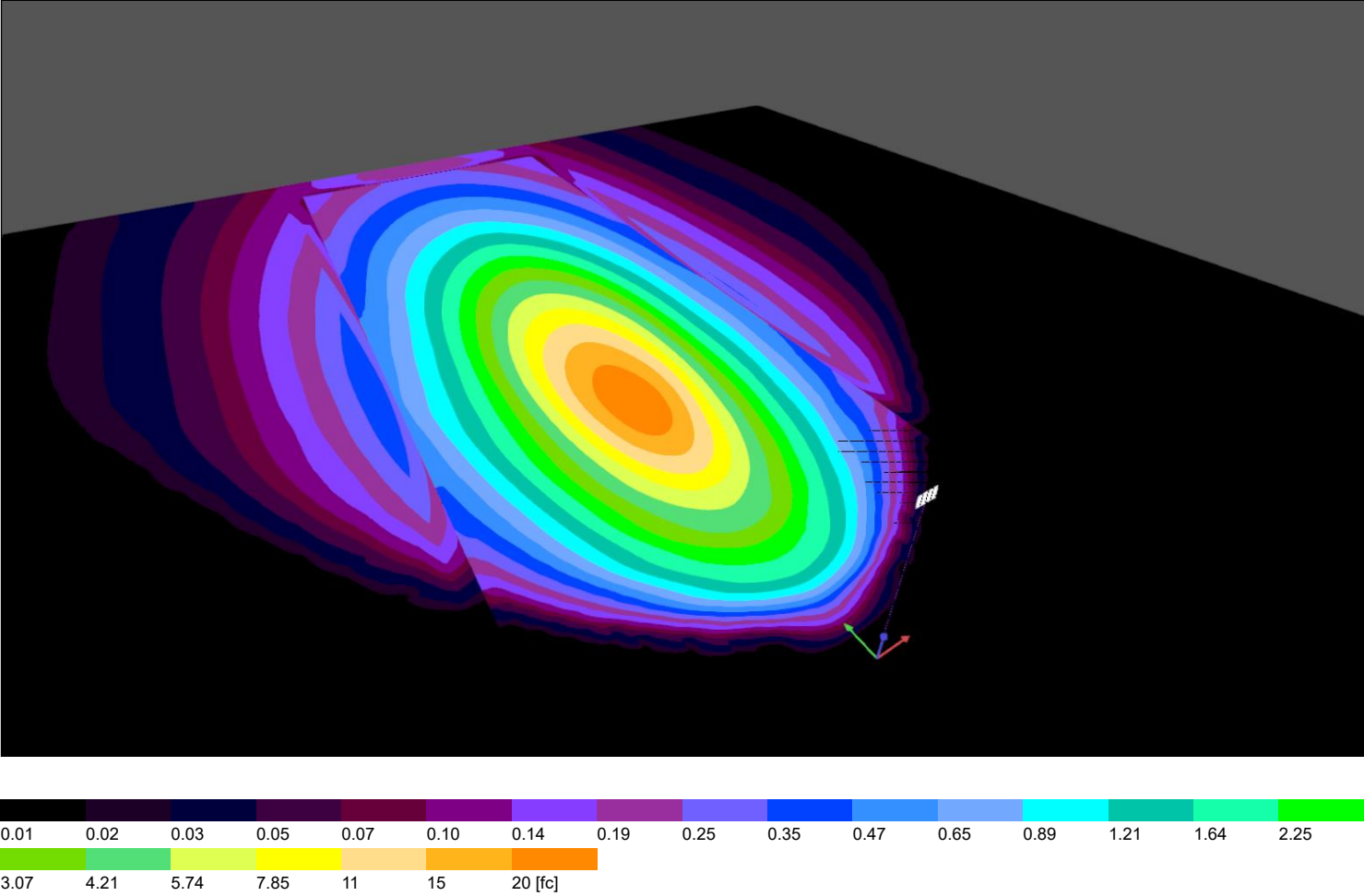
FC Levels, Illuminance values in [fc]



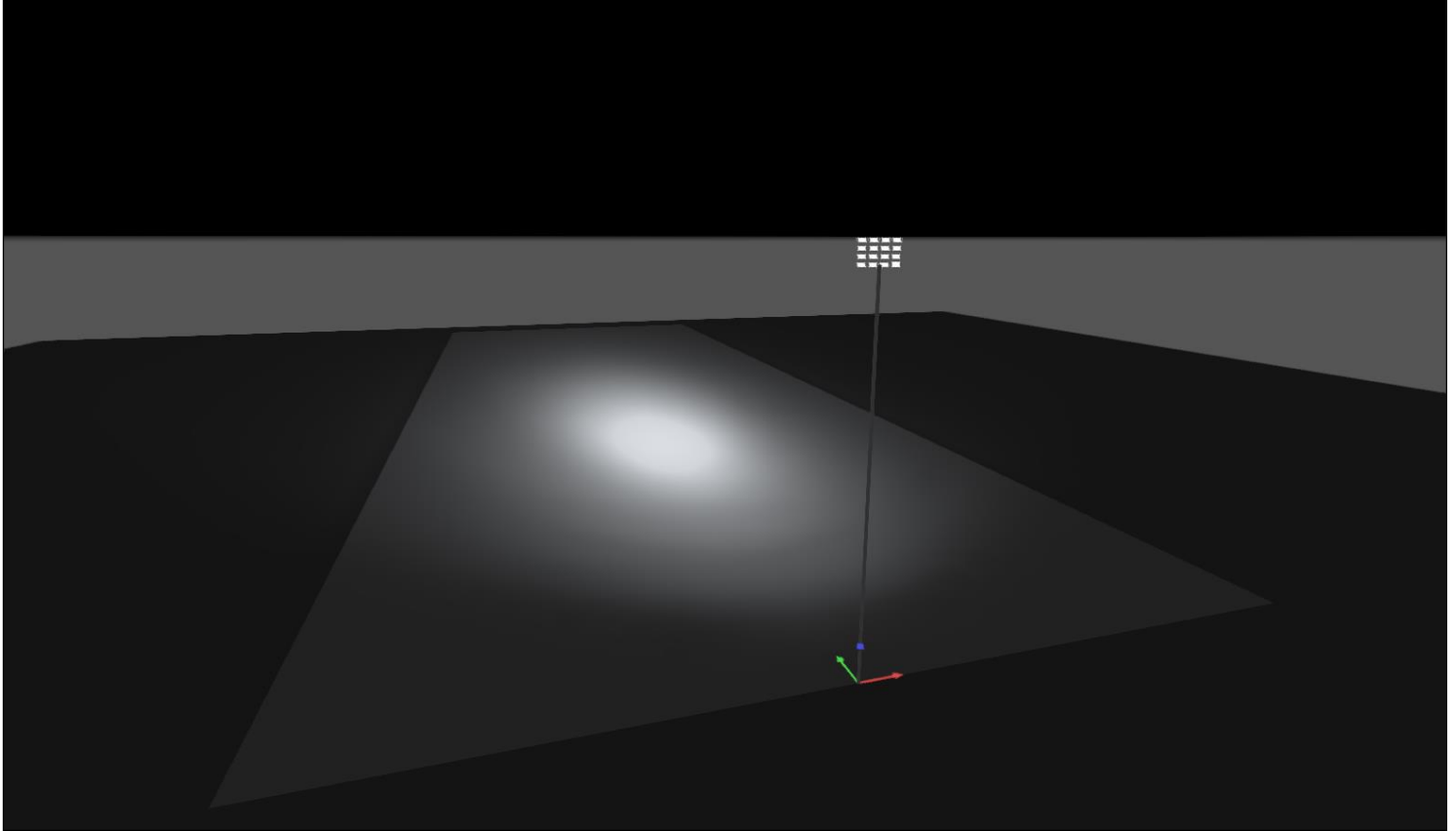
Scale: 1 : 1935



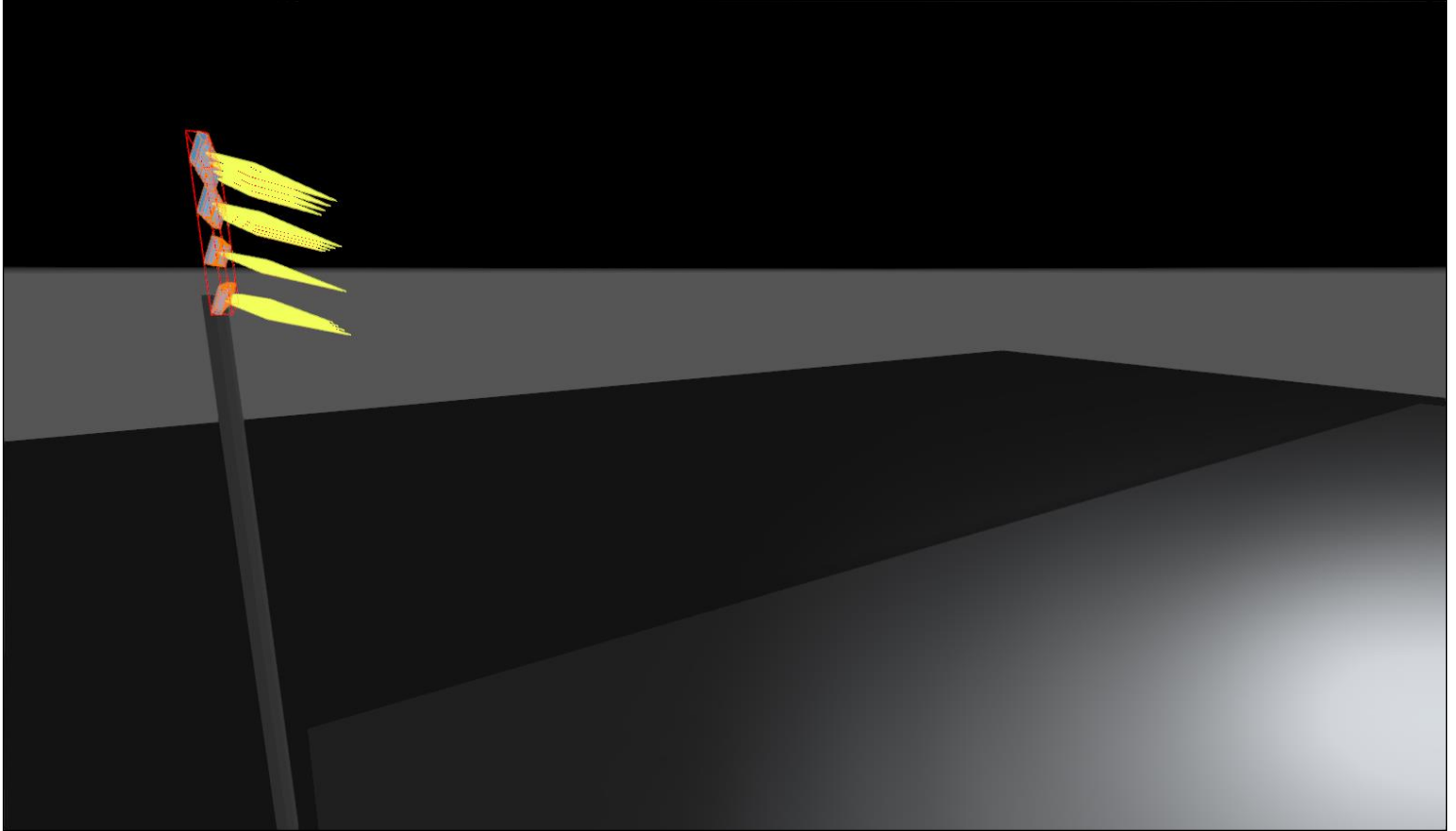
False Color Render, Illuminance values in [fc]



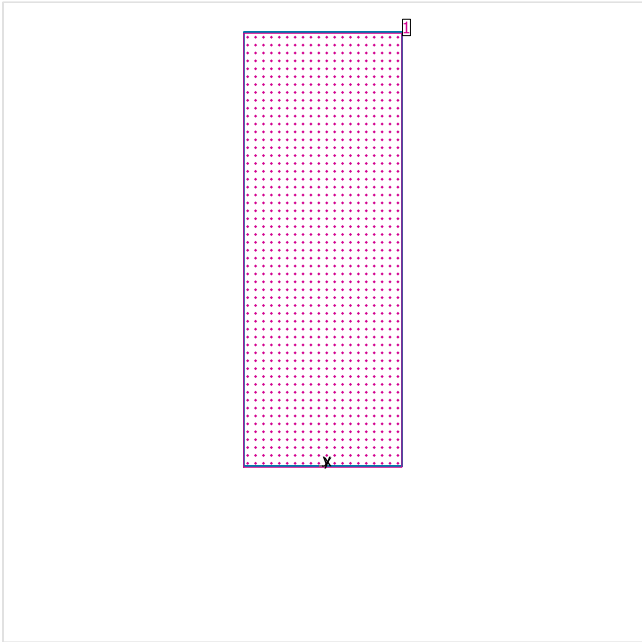
3D View



20 degree tilt



Site 1



Maintenance factor: 0.80

General

Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	2.43	0.00	24.8	/	/

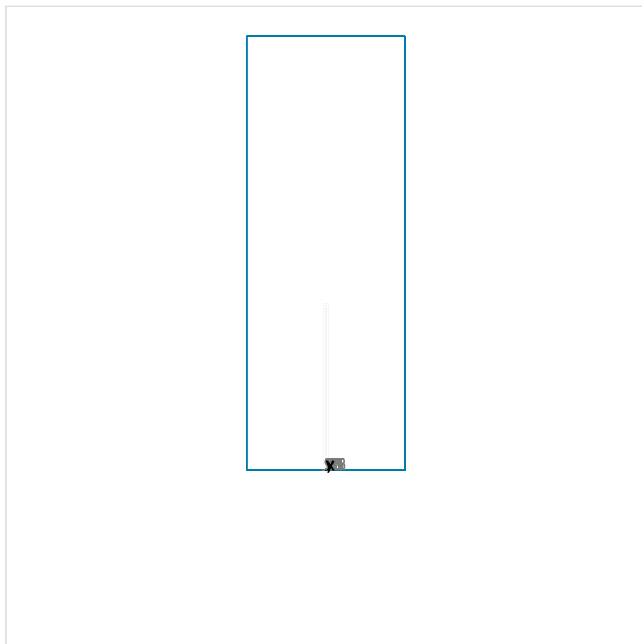
Date:
4/27/2020



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Photometric Report 02

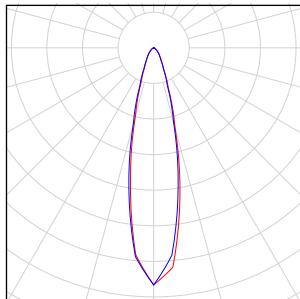
Site 1



LARSON ELECTRONICS GAU-LTL-500W-LED-24WS 500W LED FLOOD LIGHT - 24 DEGREE OPTICS

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	-4.867	0.295	120.000	0.80
2	-1.613	0.295	120.000	0.80
3	1.641	0.295	120.000	0.80
4	4.895	0.295	120.000	0.80
5	-4.867	0.295	122.000	0.80
6	-1.613	0.295	122.000	0.80
7	1.641	0.295	122.000	0.80
8	4.895	0.295	122.000	0.80
9	-4.867	0.295	124.000	0.80
10	-1.613	0.295	124.000	0.80
11	1.641	0.295	124.000	0.80
12	4.895	0.295	124.000	0.80
13	-4.867	0.295	126.000	0.80
14	-1.613	0.295	126.000	0.80
15	1.641	0.295	126.000	0.80
16	4.895	0.295	126.000	0.80

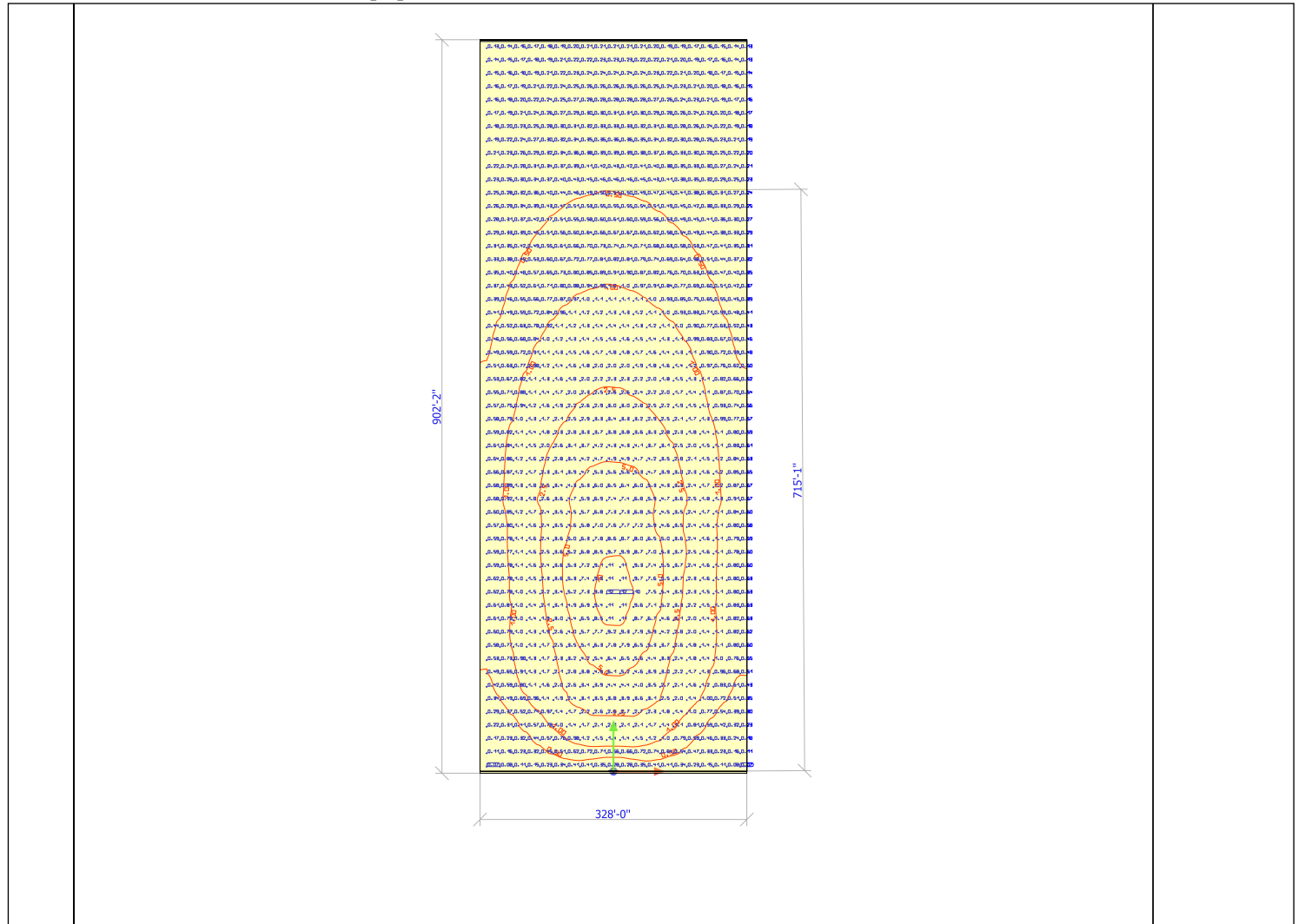
Site 1

Quantity	Luminaire (Luminous emittance)		
16	LARSON ELECTRONICS - GAU-LTL-500W-LED-24WS 500W LED FLOOD LIGHT - 24 DEGREE OPTICS Luminous emittance 1 Fitting: 1x Light output ratio: 93.46% Lamp luminous flux: 65000 lm Luminaire luminous flux: 60746 lm Power: 500.0 W Luminous efficacy: 121.5 lm/W Colourimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

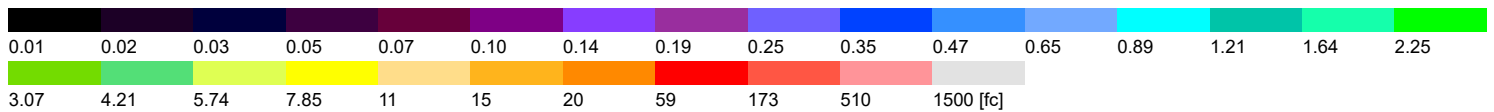
Total lamp luminous flux: 1040000 lm, Total luminaire luminous flux: 971936 lm, Total Load: 8000.0 W, Luminous efficacy: 121.5 lm/W

Site 1

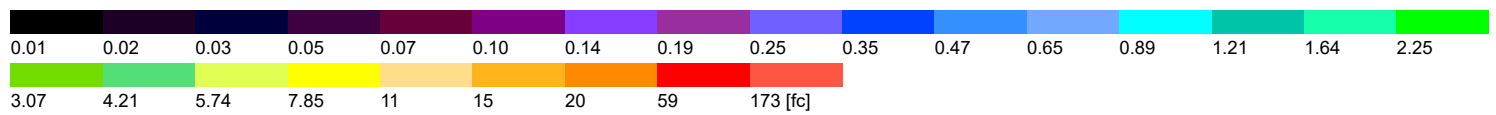
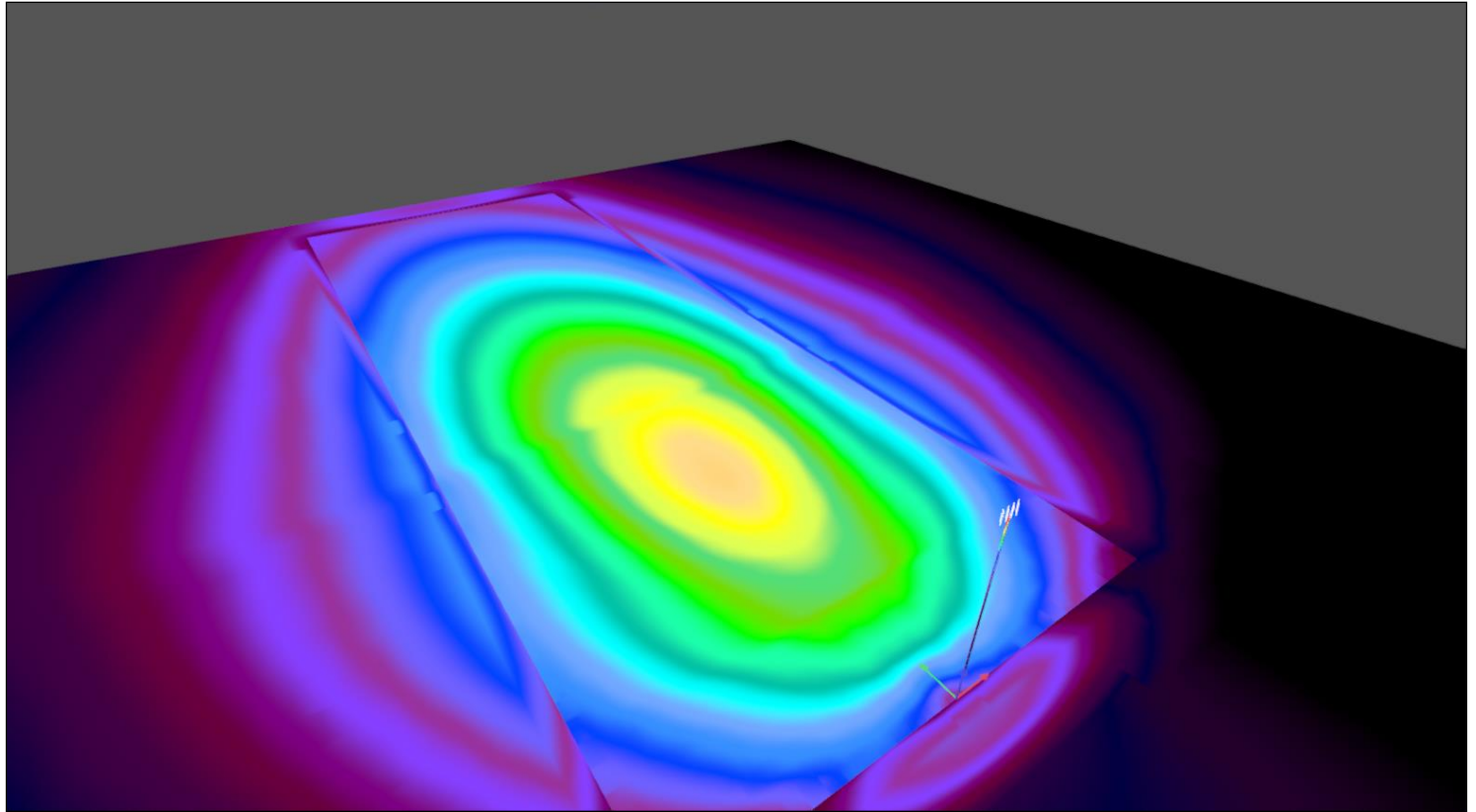
FC Levels, Illuminance values in [fc]



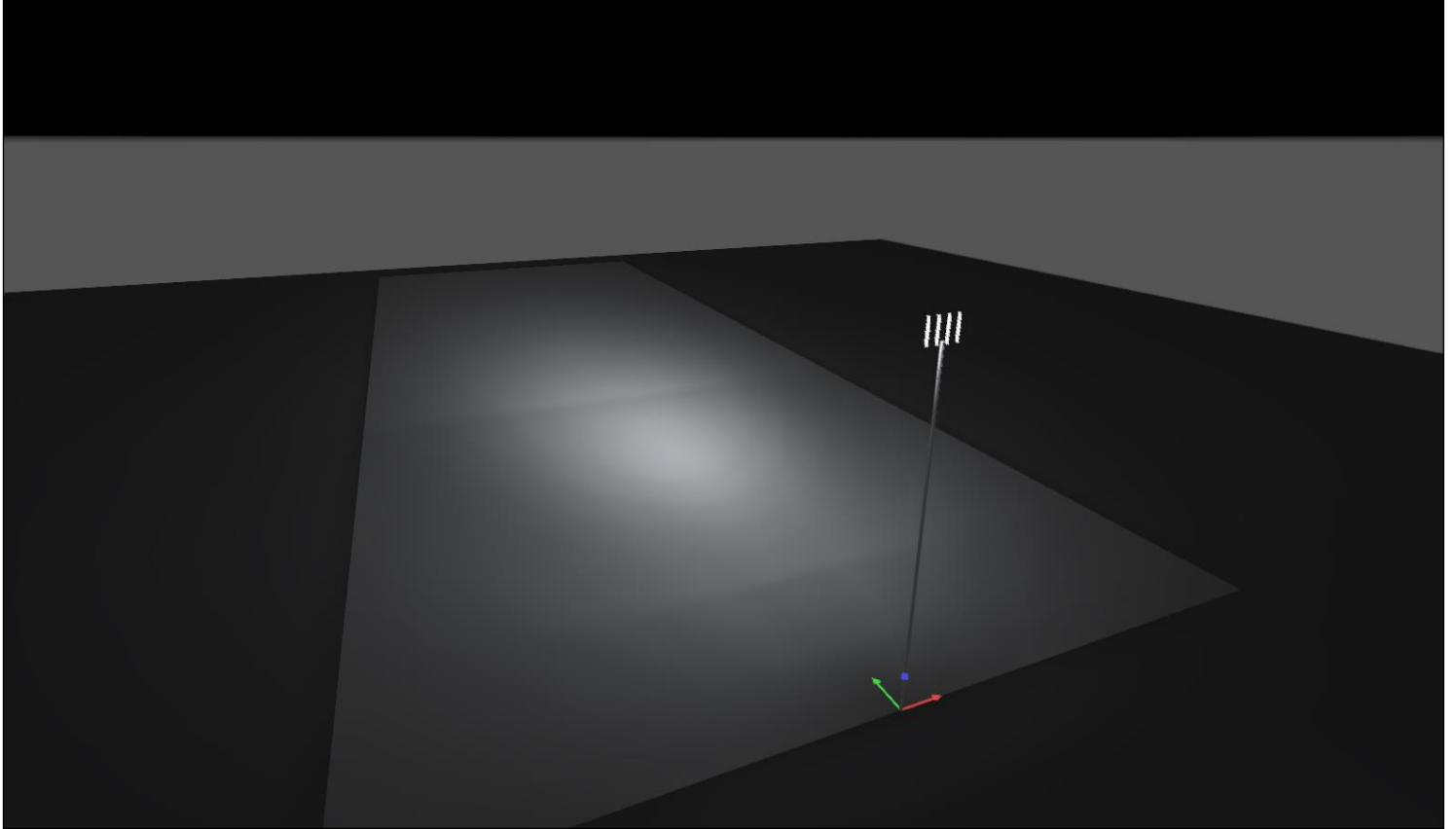
Scale: 1 : 2460



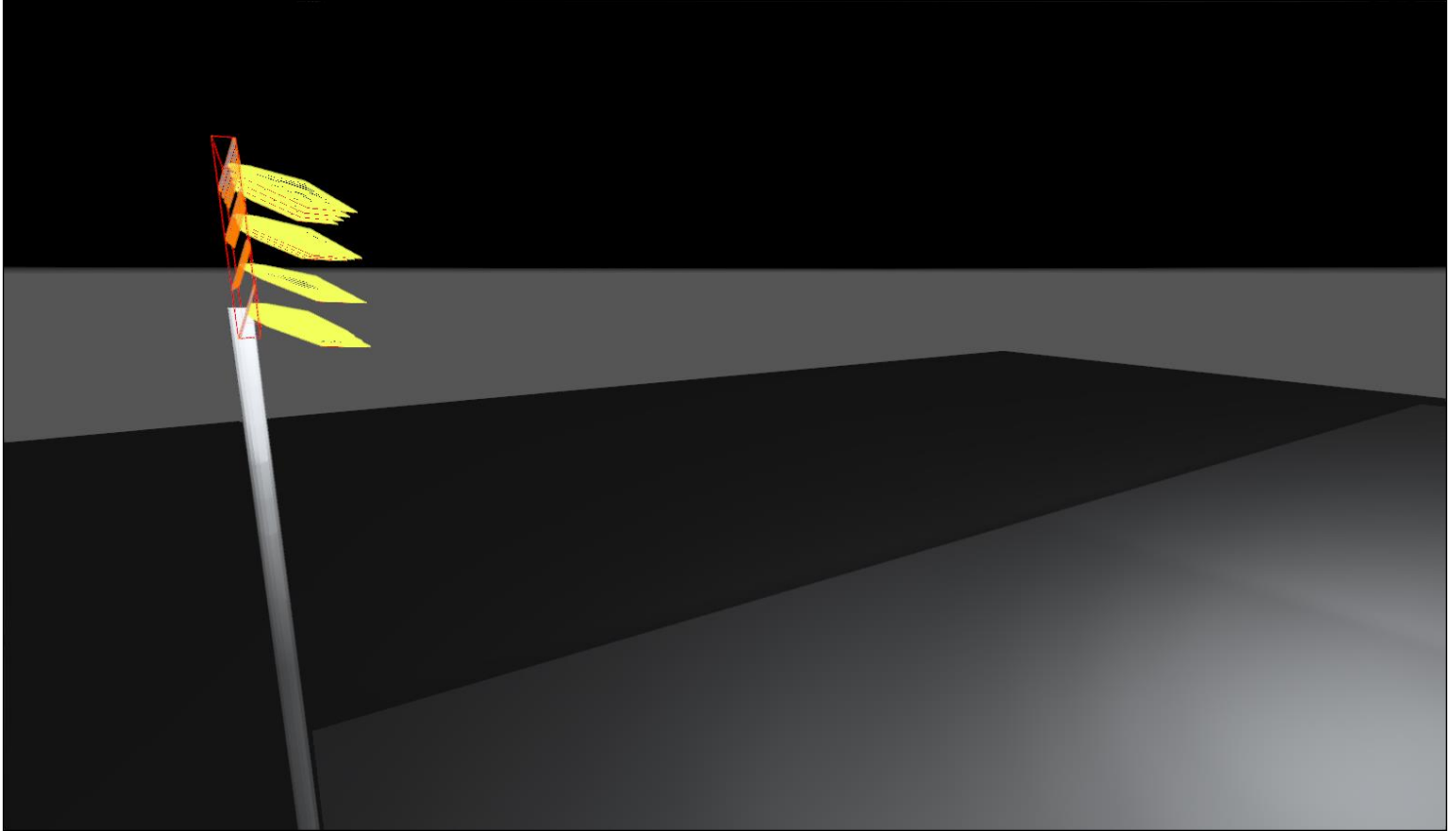
False Color Render, Illuminance values in [fc]



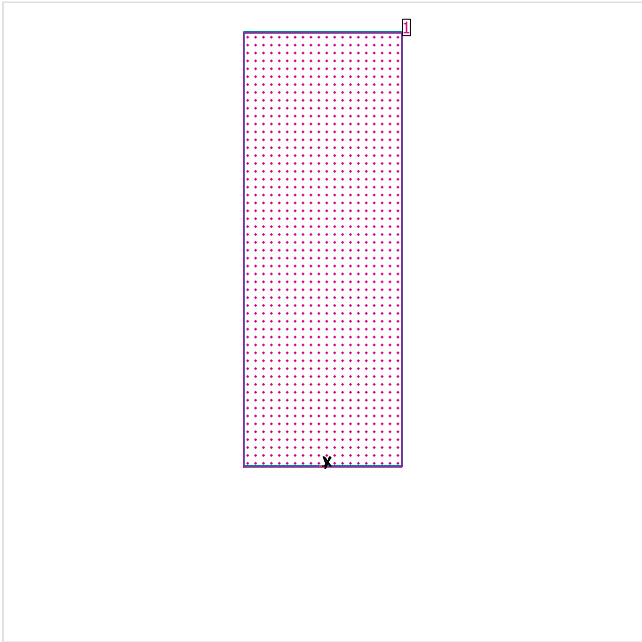
3D View



20 degree tilt



Site 1



Maintenance factor: 0.80

General

Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	1.68	0.067	12.1	25.2	181

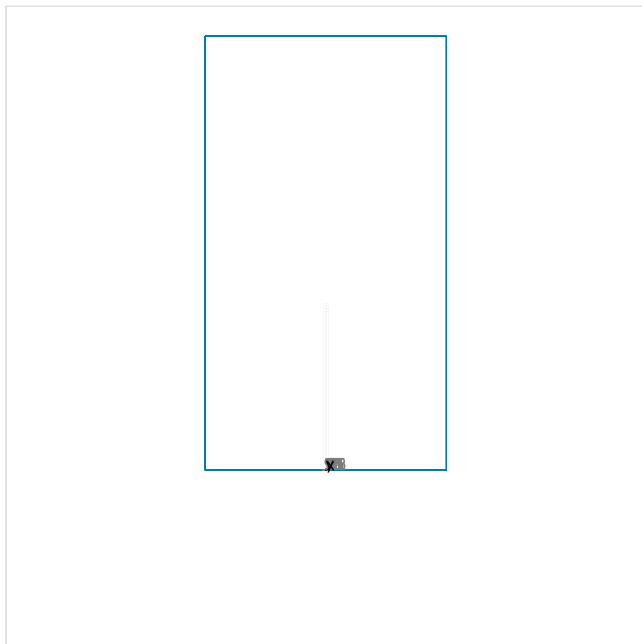
Date:
4/27/2020



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Photometric Report 03

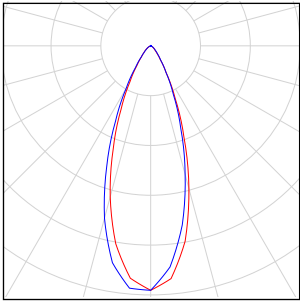
Site 1



LARSON ELECTRONICS GAU-LTL-500W-LED-38NF 500W LED FLOOD LIGHT - 38 DEGREE OPTICS

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	-4.867	0.295	120.000	0.80
2	-1.613	0.295	120.000	0.80
3	1.641	0.295	120.000	0.80
4	4.895	0.295	120.000	0.80
5	-4.867	0.295	122.000	0.80
6	-1.613	0.295	122.000	0.80
7	1.641	0.295	122.000	0.80
8	4.895	0.295	122.000	0.80
9	-4.867	0.295	124.000	0.80
10	-1.613	0.295	124.000	0.80
11	1.641	0.295	124.000	0.80
12	4.895	0.295	124.000	0.80
13	-4.867	0.295	126.000	0.80
14	-1.613	0.295	126.000	0.80
15	1.641	0.295	126.000	0.80
16	4.895	0.295	126.000	0.80

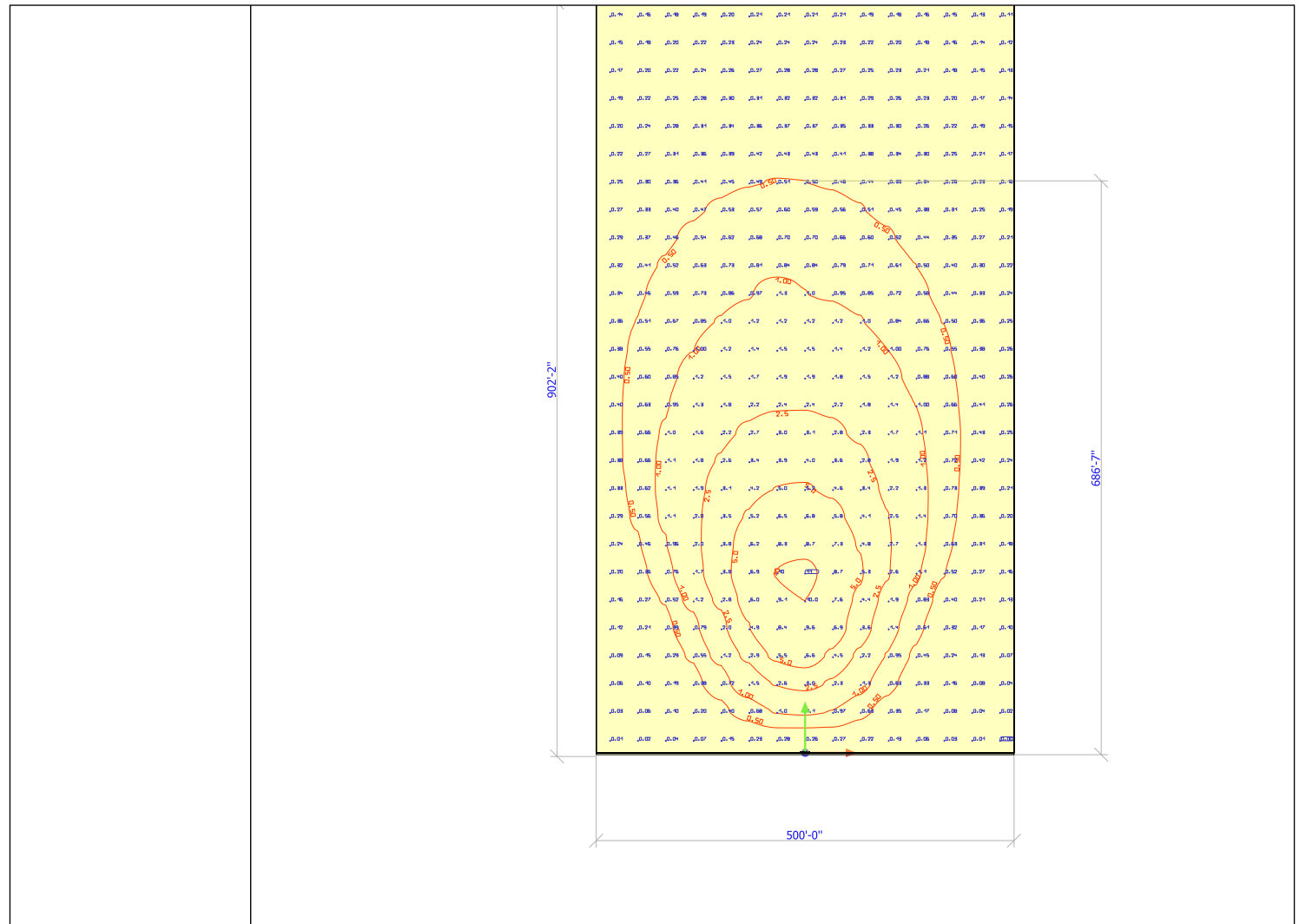
Site 1

Quantity	Luminaire (Luminous emittance)		
16	LARSON ELECTRONICS - GAU-LTL-500W-LED-38NF 500W LED FLOOD LIGHT - 38 DEGREE OPTICS Luminous emittance 1 Fitting: 1x Light output ratio: 96.00% Lamp luminous flux: 65000 lm Luminaire luminous flux: 62402 lm Power: 500.0 W Luminous efficacy: 124.8 lm/W Colourimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 1040000 lm, Total luminaire luminous flux: 998432 lm, Total Load: 8000.0 W, Luminous efficacy: 124.8 lm/W

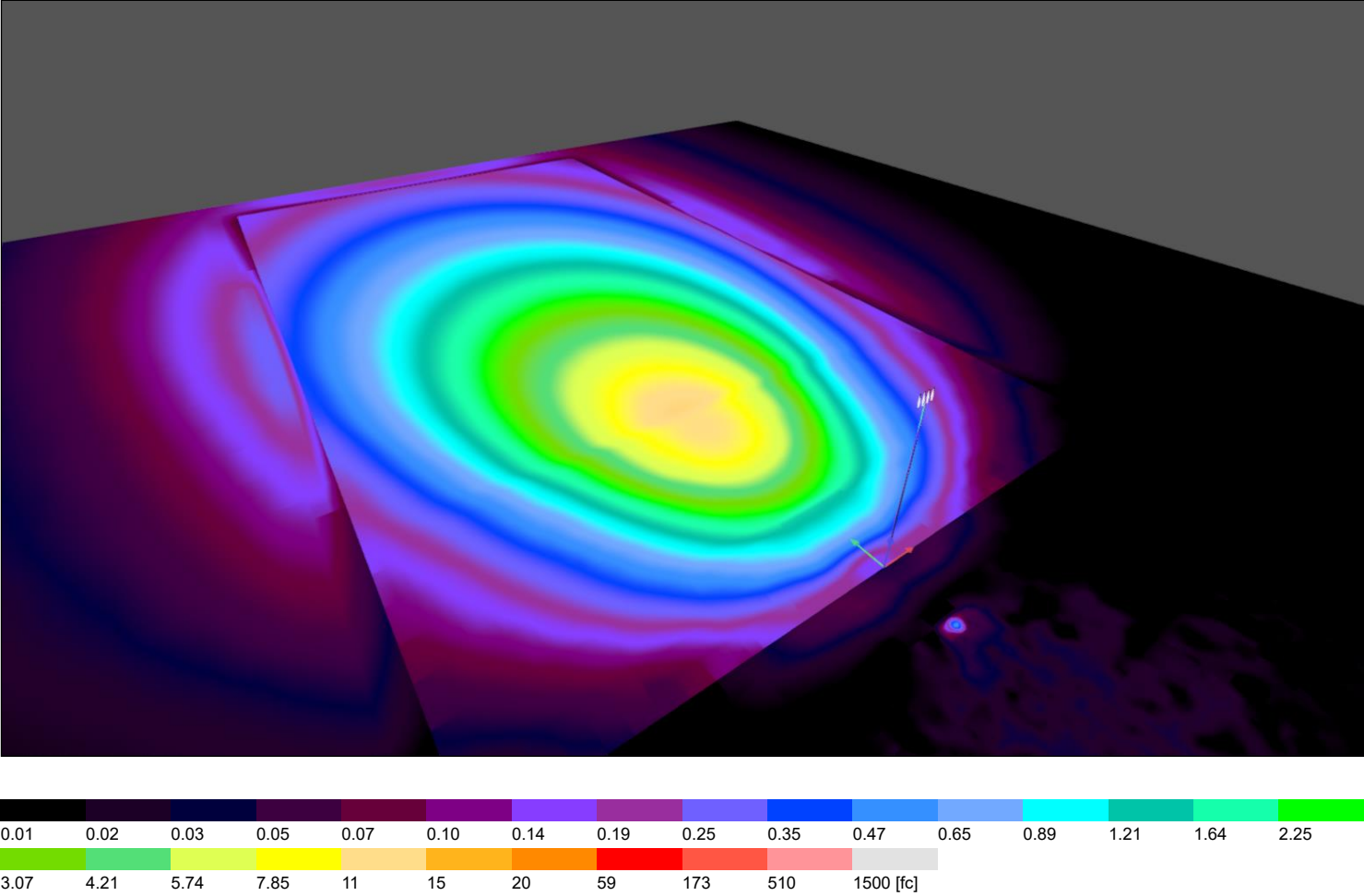
Site 1

FC Levels

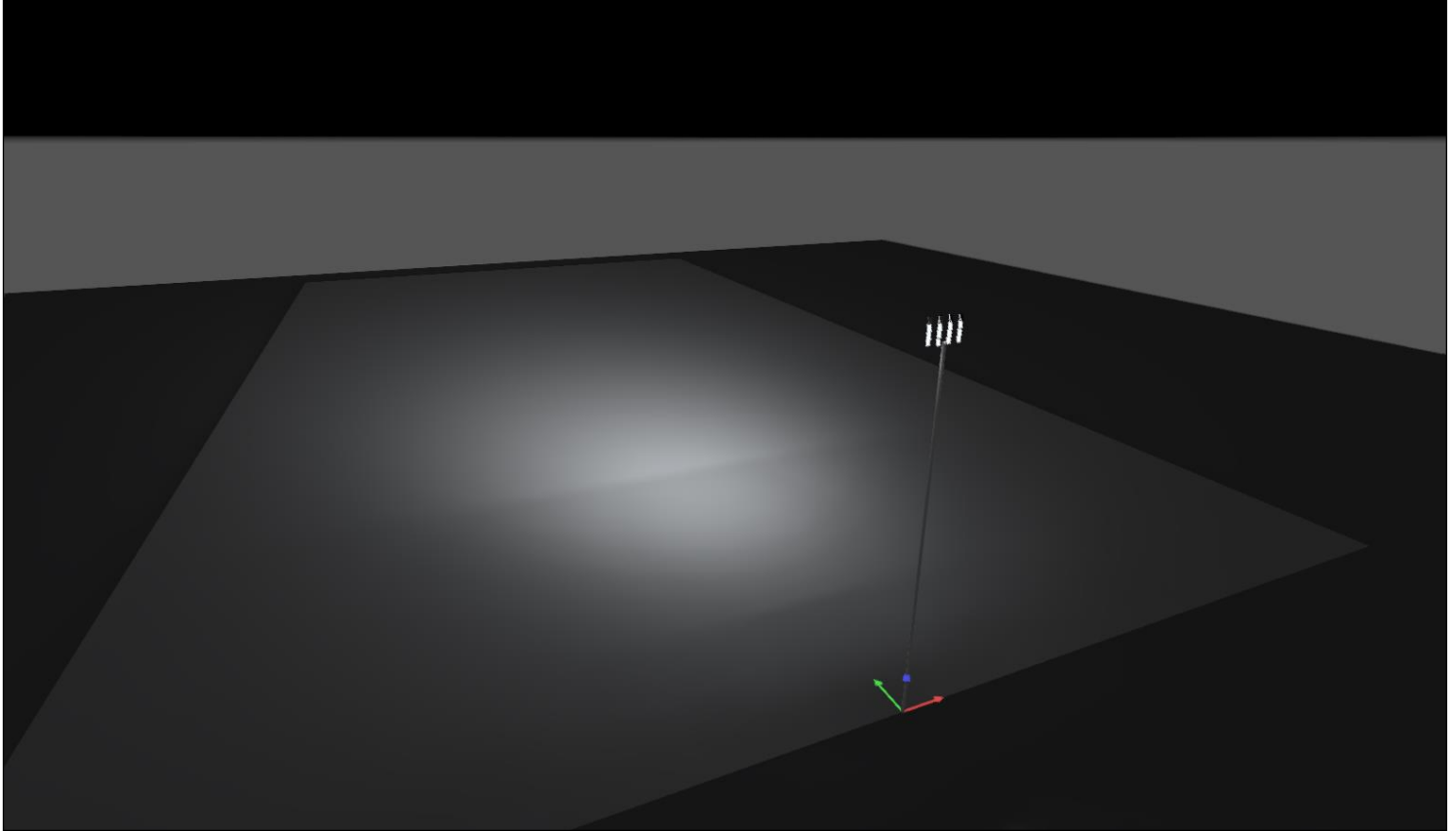


Scale: 1 : 2394

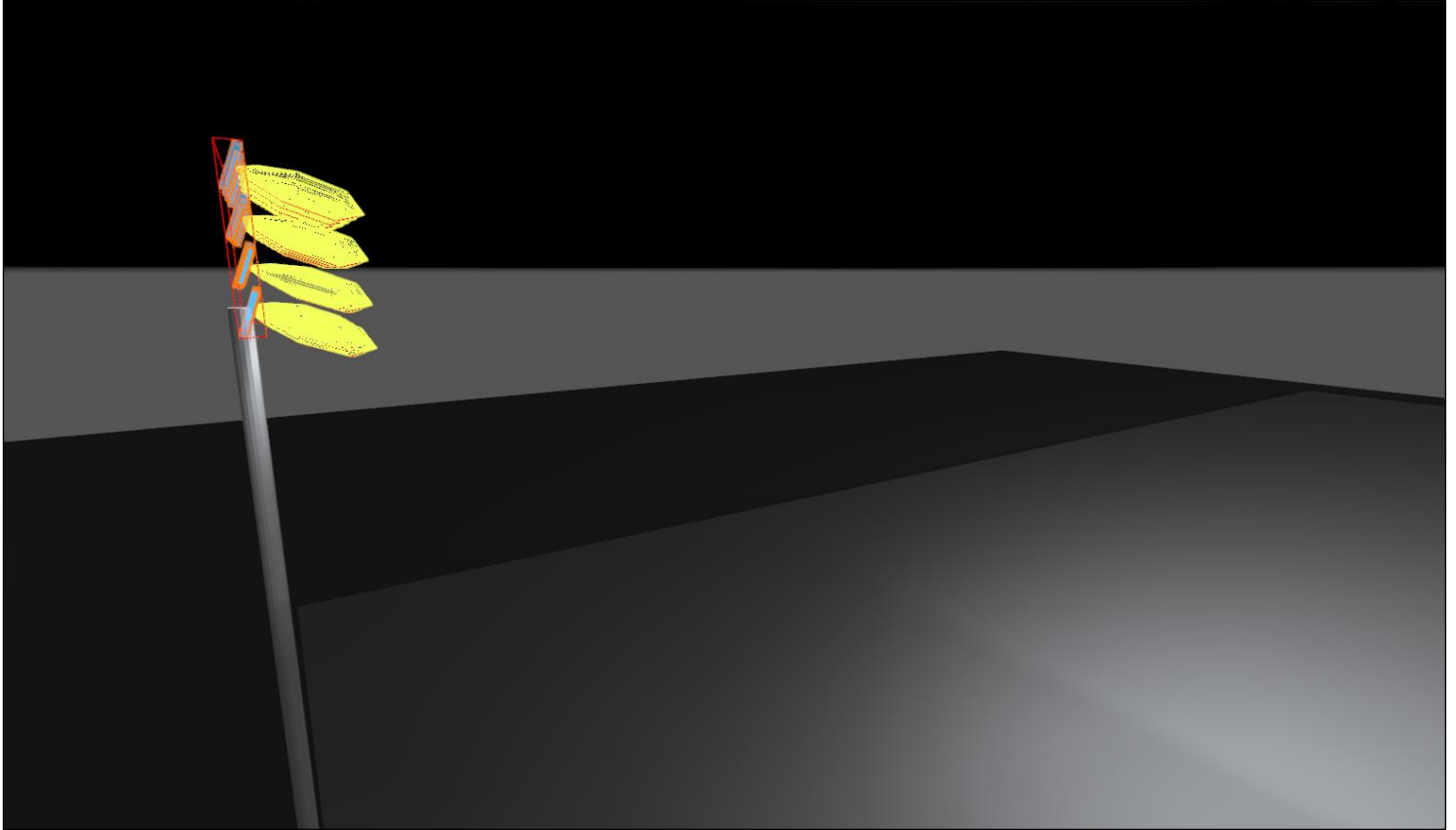
False Color Render, Illuminance values in [fc]



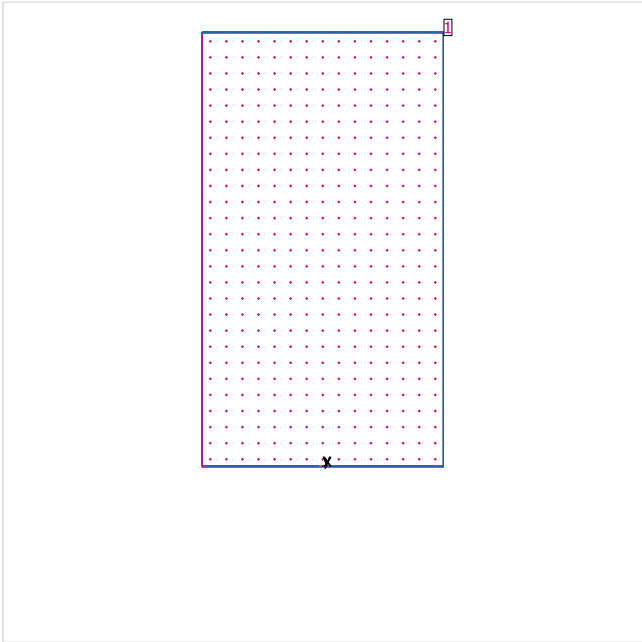
3D View



20 degree tilt



Site 1



Maintenance factor: 0.80

General

Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	1.19	0.004	10.9	268	2440

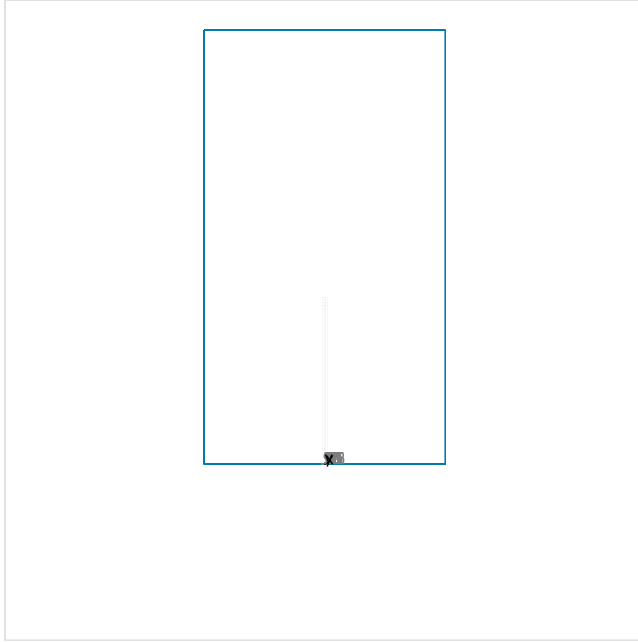
Date:
4/27/2020



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Photometric Report 04

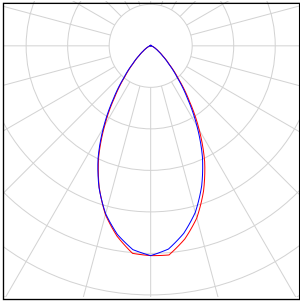
Site 1



LARSON ELECTRONICS GAU-LTL-500W-LED-60F 500W LED FLOOD LIGHT - 60 DEGREE OPTICS

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	-4.867	0.295	120.000	0.80
2	-1.613	0.295	120.000	0.80
3	1.641	0.295	120.000	0.80
4	4.895	0.295	120.000	0.80
5	-4.867	0.295	122.000	0.80
6	-1.613	0.295	122.000	0.80
7	1.641	0.295	122.000	0.80
8	4.895	0.295	122.000	0.80
9	-4.867	0.295	124.000	0.80
10	-1.613	0.295	124.000	0.80
11	1.641	0.295	124.000	0.80
12	4.895	0.295	124.000	0.80
13	-4.867	0.295	126.000	0.80
14	-1.613	0.295	126.000	0.80
15	1.641	0.295	126.000	0.80
16	4.895	0.295	126.000	0.80

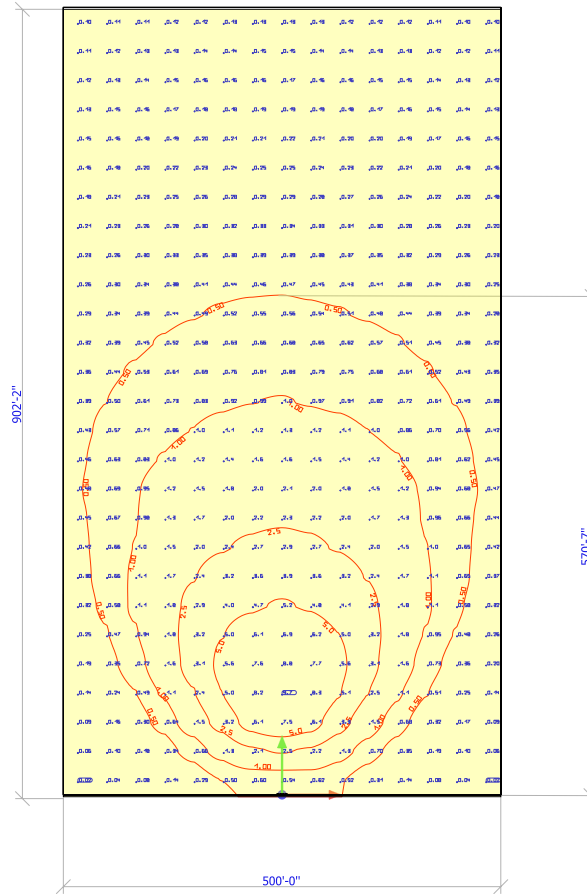
Site 1

Quantity	Luminaire (Luminous emittance)		
16	LARSON ELECTRONICS - GAU-LTL-500W-LED-60F 500W LED FLOOD LIGHT - 60 DEGREE OPTICS Luminous emittance 1 Fitting: 1x Light output ratio: 97.05% Lamp luminous flux: 65000 lm Luminaire luminous flux: 63082 lm Power: 500.0 W Luminous efficacy: 126.2 lm/W Colourimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 1040000 lm, Total luminaire luminous flux: 1009312 lm, Total Load: 8000.0 W, Luminous efficacy: 126.2 lm/W

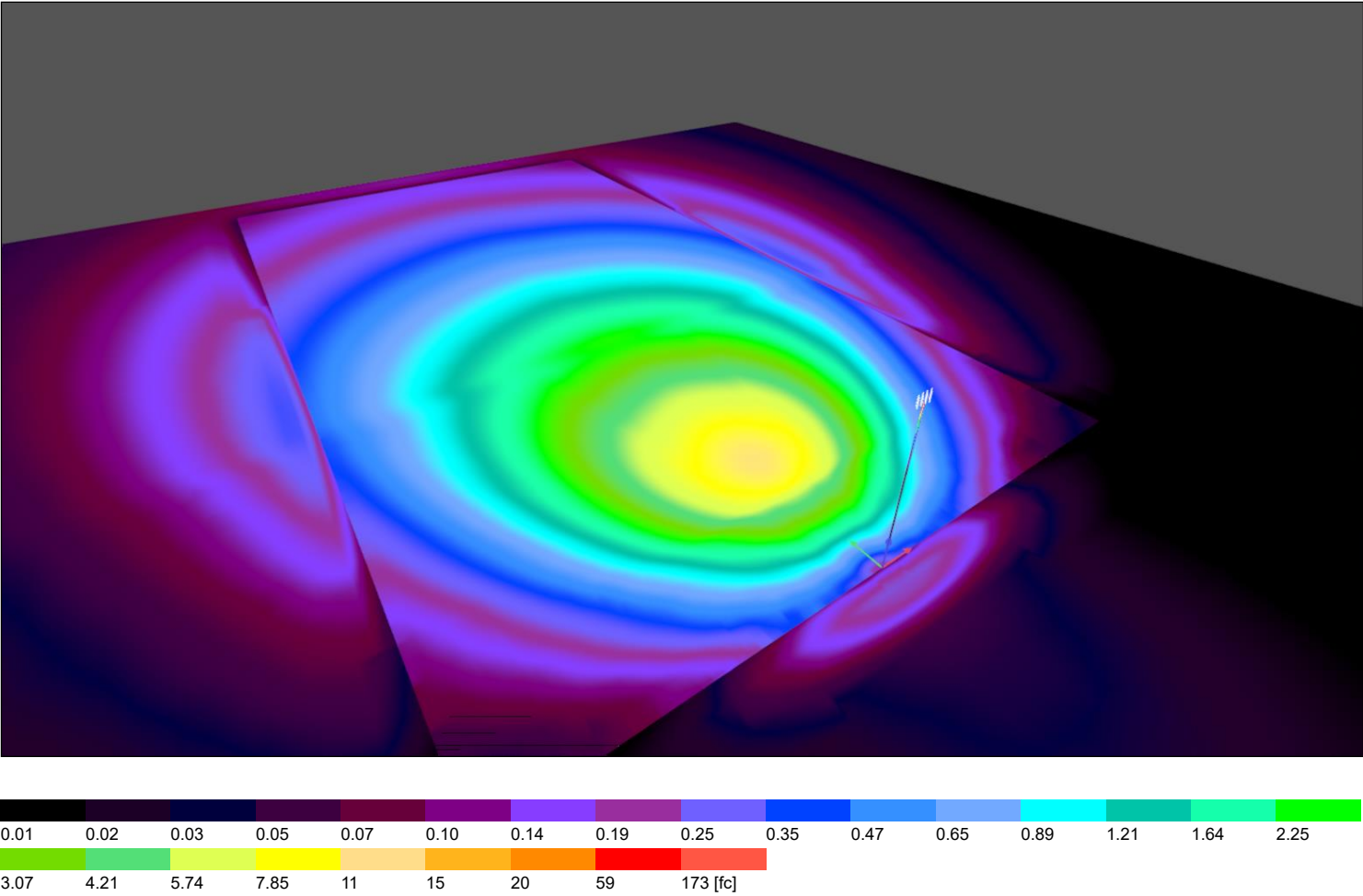
Site 1

FC Levels

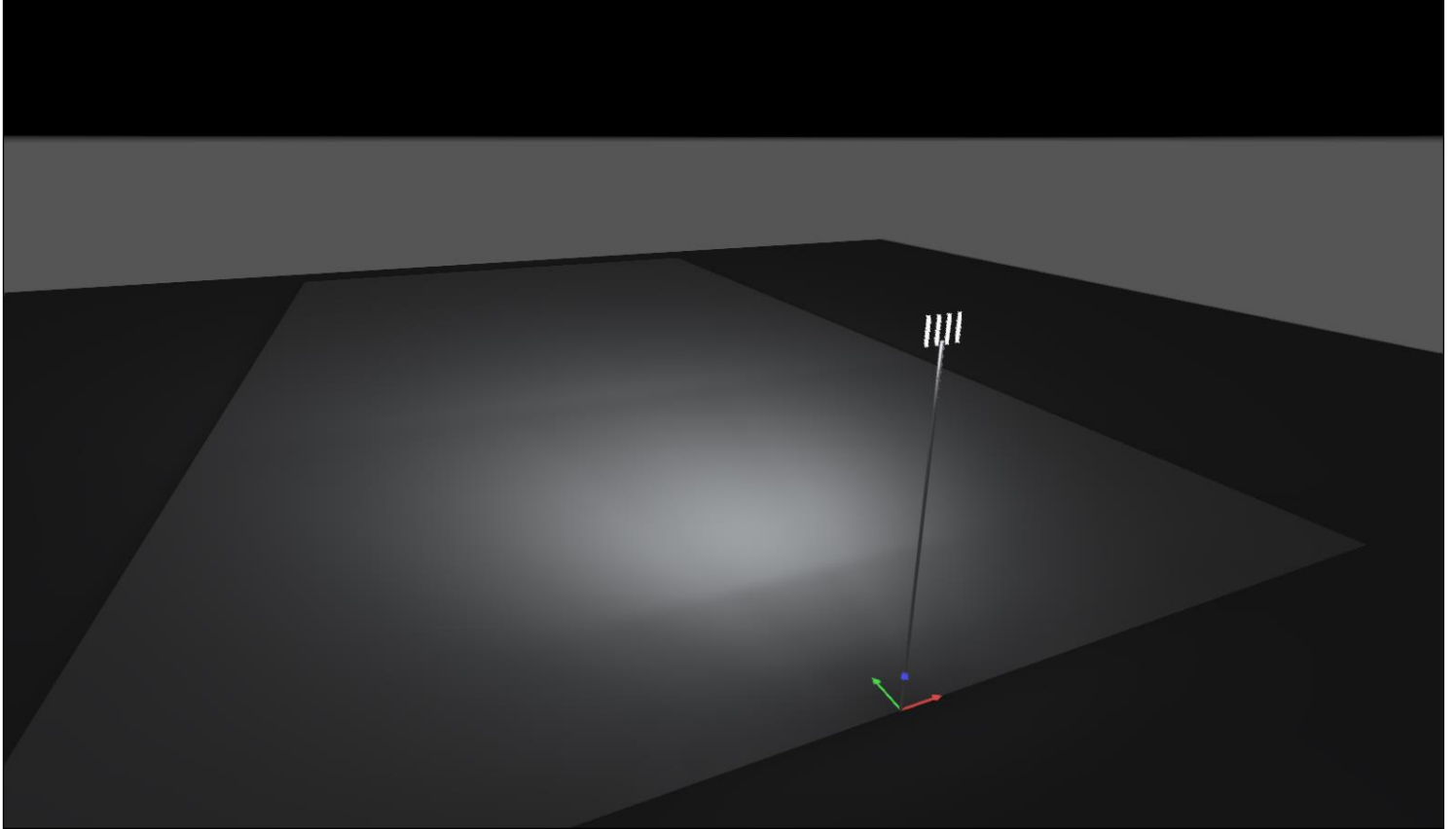


Scale: 1 : 2633

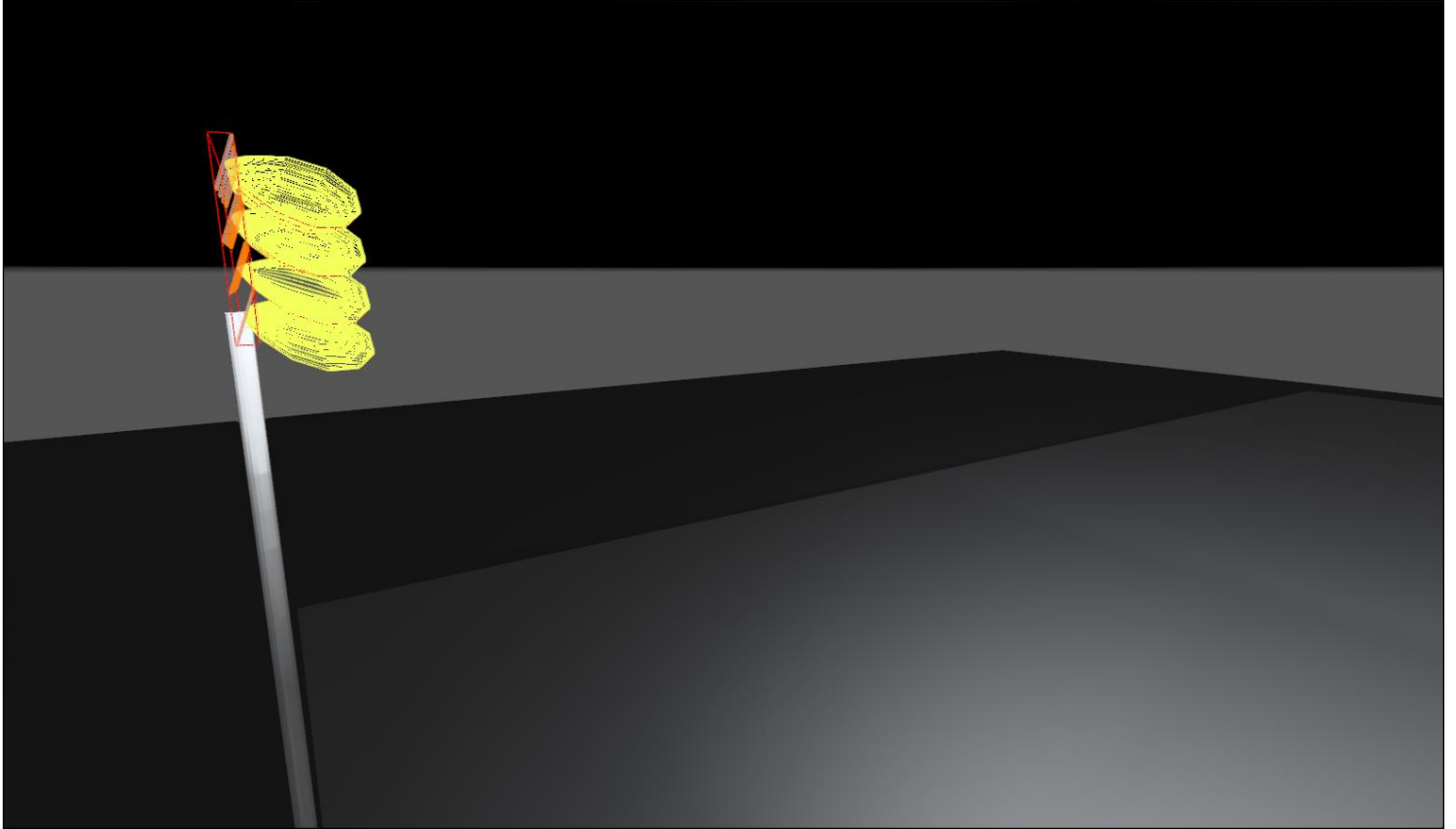
False Color Render, Illuminance values in [fc]



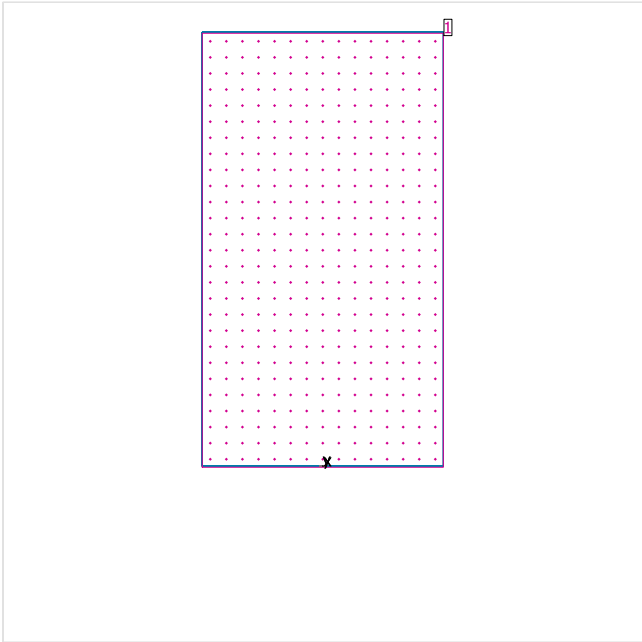
3D View



20 degree tilt



Site 1



Maintenance factor: 0.80

General

Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	1.01	0.020	9.74	49.6	479

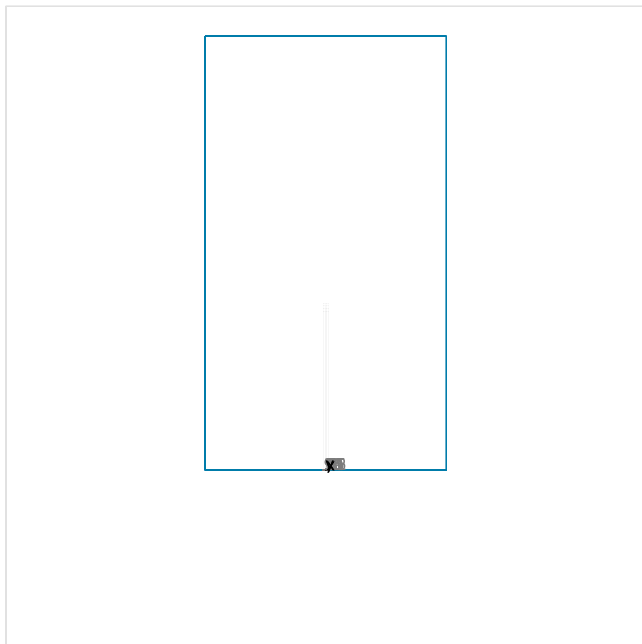
Date:
4/27/2020



J25698 layout

Photometric Report 05

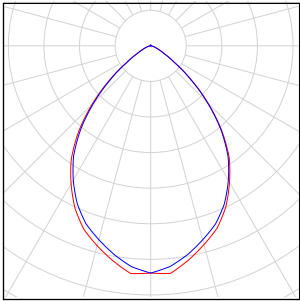
Site 1



LARSON ELECTRONICS GAU-LTL-500W-LED-90WF 500W LED FLOOD LIGHT - 90 DEGREE OPTICS

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	-4.867	0.295	120.000	0.80
2	-1.613	0.295	120.000	0.80
3	1.641	0.295	120.000	0.80
4	4.895	0.295	120.000	0.80
5	-4.867	0.295	122.000	0.80
6	-1.613	0.295	122.000	0.80
7	1.641	0.295	122.000	0.80
8	4.895	0.295	122.000	0.80
9	-4.867	0.295	124.000	0.80
10	-1.613	0.295	124.000	0.80
11	1.641	0.295	124.000	0.80
12	4.895	0.295	124.000	0.80
13	-4.867	0.295	126.000	0.80
14	-1.613	0.295	126.000	0.80
15	1.641	0.295	126.000	0.80
16	4.895	0.295	126.000	0.80

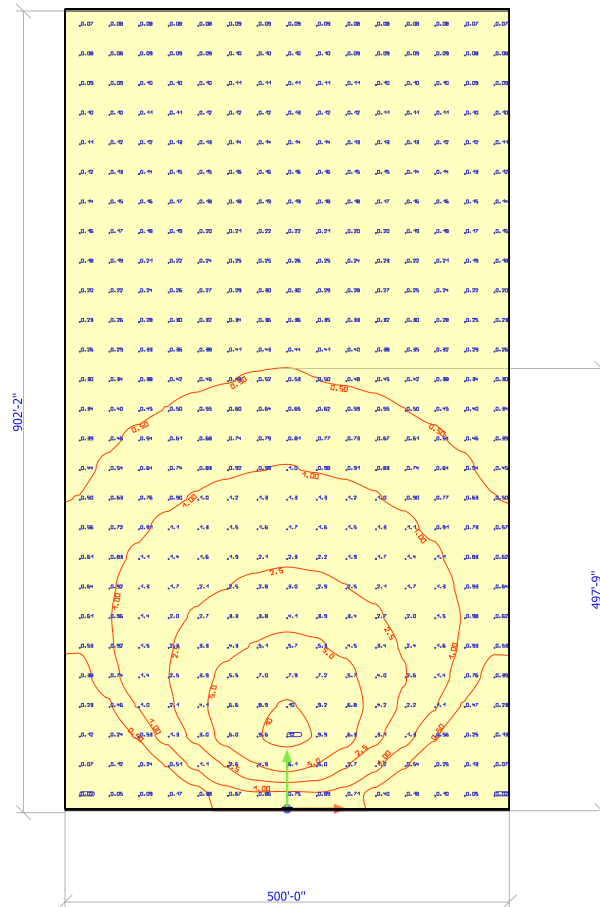
Site 1

Quantity	Luminaire (Luminous emittance)		
16	LARSON ELECTRONICS - GAU-LTL-500W-LED-90WF 500W LED FLOOD LIGHT - 90 DEGREE OPTICS Luminous emittance 1 Fitting: 1x Light output ratio: 97.30% Lamp luminous flux: 65000 lm Luminaire luminous flux: 63247 lm Power: 500.0 W Luminous efficacy: 126.5 lm/W Colourimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 1040000 lm, Total luminaire luminous flux: 1011952 lm, Total Load: 8000.0 W, Luminous efficacy: 126.5 lm/W

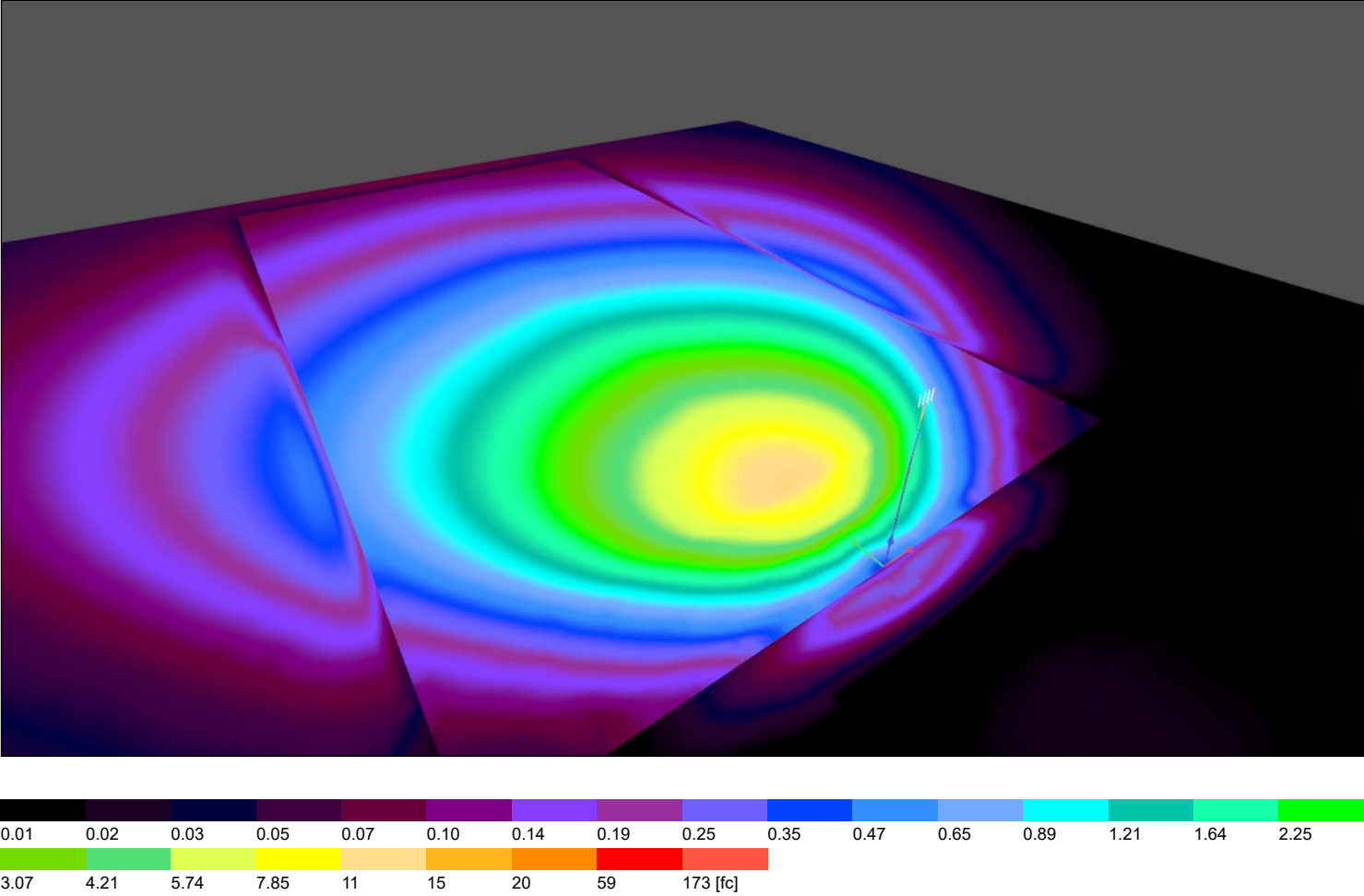
Site 1

FC Levels

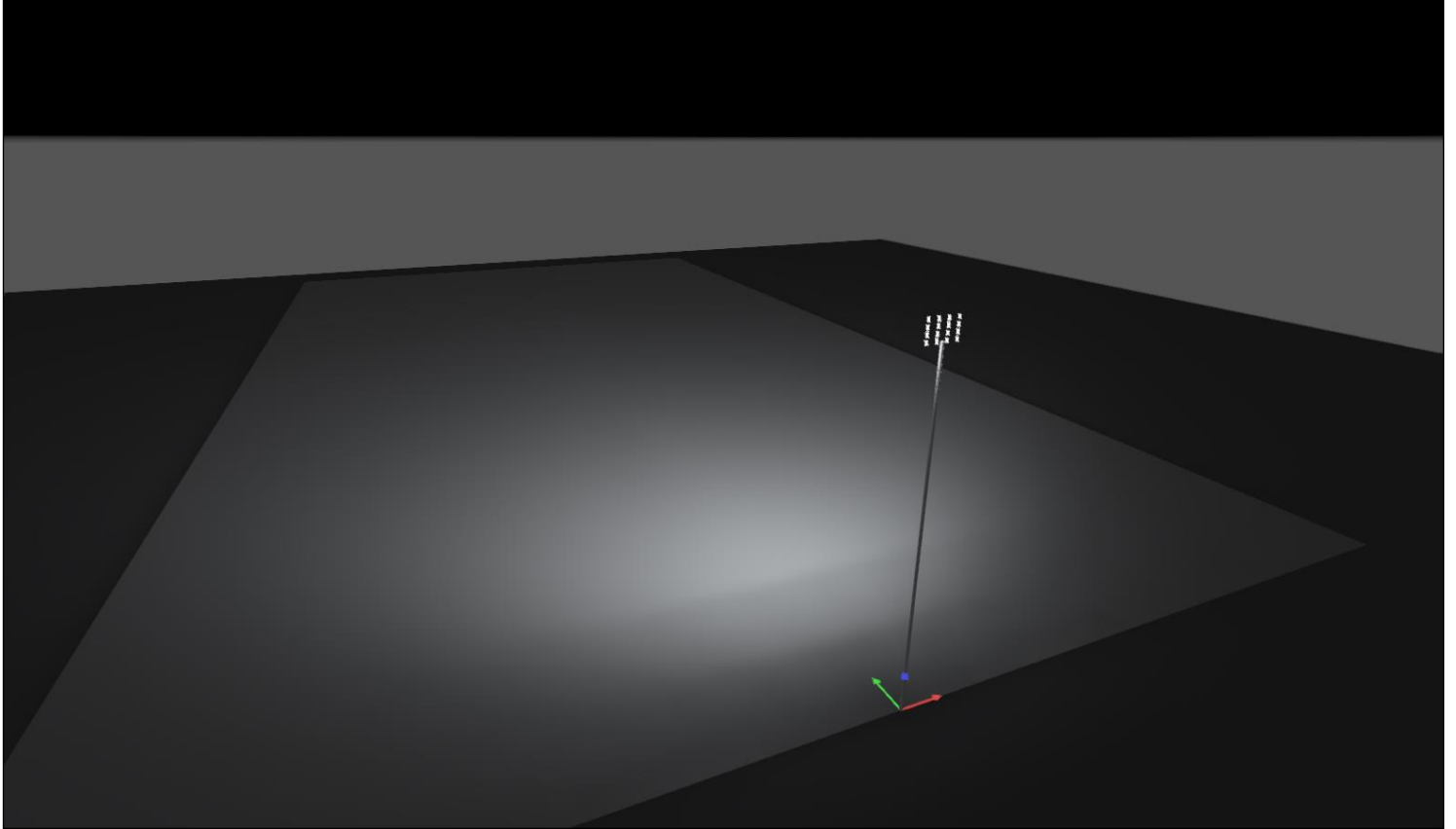


Scale: 1 : 2592

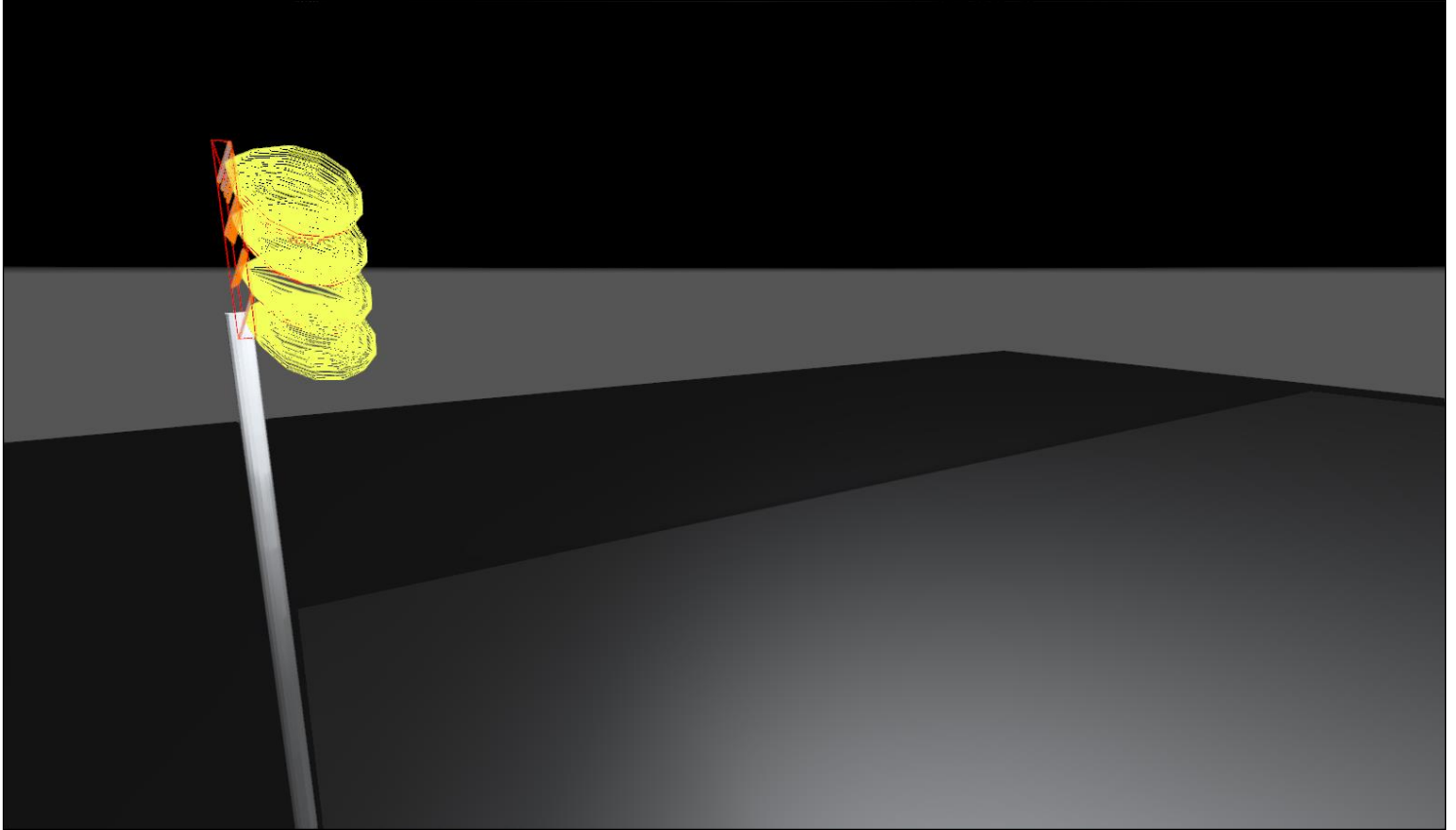
False Color Render, Illuminance values in [fc]



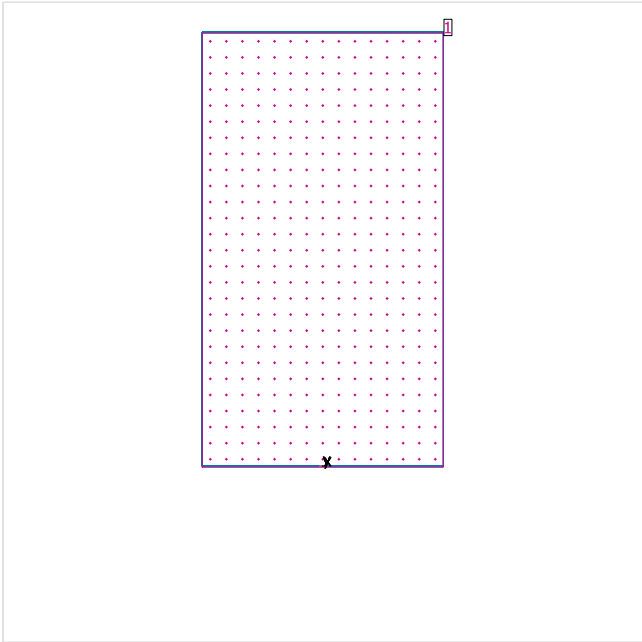
3D View



20 degree tilt



Site 1



Maintenance factor: 0.80

General

Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	1.03	0.022	11.5	46.8	527