Date:
19.12.2017

J12848 layout - Football field

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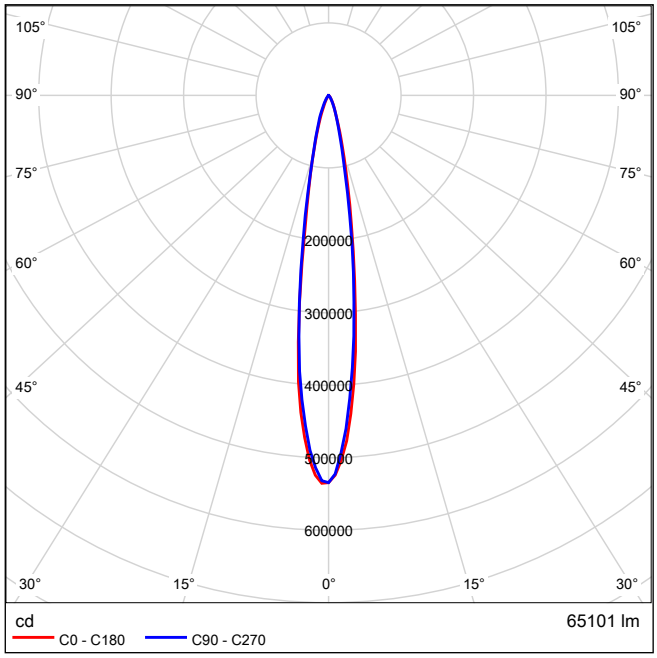
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LARSON ELECTRONICS LLC RT-BLLF500W-10DEG GAU-LTL-500W-LED-10DB-2017 1x

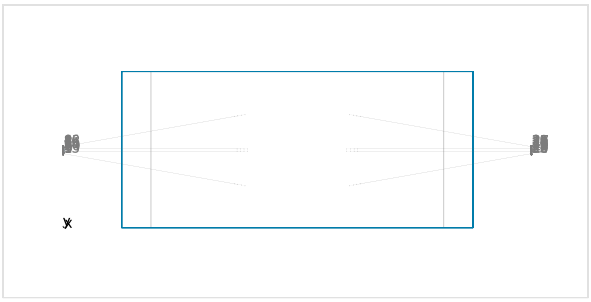
See our luminaire catalog for an image of the luminaire.

Absolute photometry
Luminaire luminous flux: 65101 lm
Power: 502.3 W
Luminous efficacy: 129.6 lm/W

Luminous emittance 1 / Polar LDC



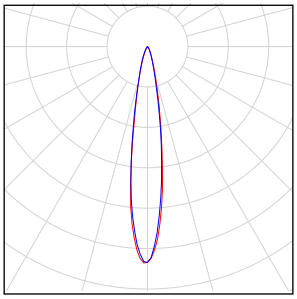
Site 1



LARSON ELECTRONICS LLC RT-BLLF500W-10DEG GAU-LTL-500W-LED-10DB-2017

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	0.000	75.878	65.000	0.80
2	0.000	78.253	65.000	0.80
3	0.000	80.628	65.000	0.80
4	0.000	83.003	65.000	0.80
5	0.000	75.878	66.272	0.80
6	0.000	78.253	66.272	0.80
7	0.000	80.628	66.272	0.80
8	0.000	83.003	66.272	0.80
9	0.000	75.878	69.000	0.80
10	0.000	78.253	69.000	0.80
11	0.000	80.628	69.000	0.80
12	0.000	83.003	69.000	0.80
13	0.000	75.878	67.584	0.80
14	0.000	78.253	67.584	0.80
15	0.000	80.628	67.584	0.80
16	0.000	83.003	67.584	0.80
17	480.000	83.003	66.272	0.80
18	480.000	80.628	66.272	0.80
19	480.000	78.253	66.272	0.80
20	480.000	75.878	66.272	0.80
21	480.000	83.003	65.000	0.80
22	480.000	80.628	65.000	0.80
23	480.000	78.253	65.000	0.80
24	480.000	75.878	65.000	0.80
25	480.000	83.003	67.584	0.80
26	480.000	80.628	67.584	0.80
27	480.000	78.253	67.584	0.80
28	480.000	75.878	67.584	0.80
29	480.000	83.003	69.000	0.80
30	480.000	80.628	69.000	0.80
31	480.000	78.253	69.000	0.80
32	480.000	75.878	69.000	0.80

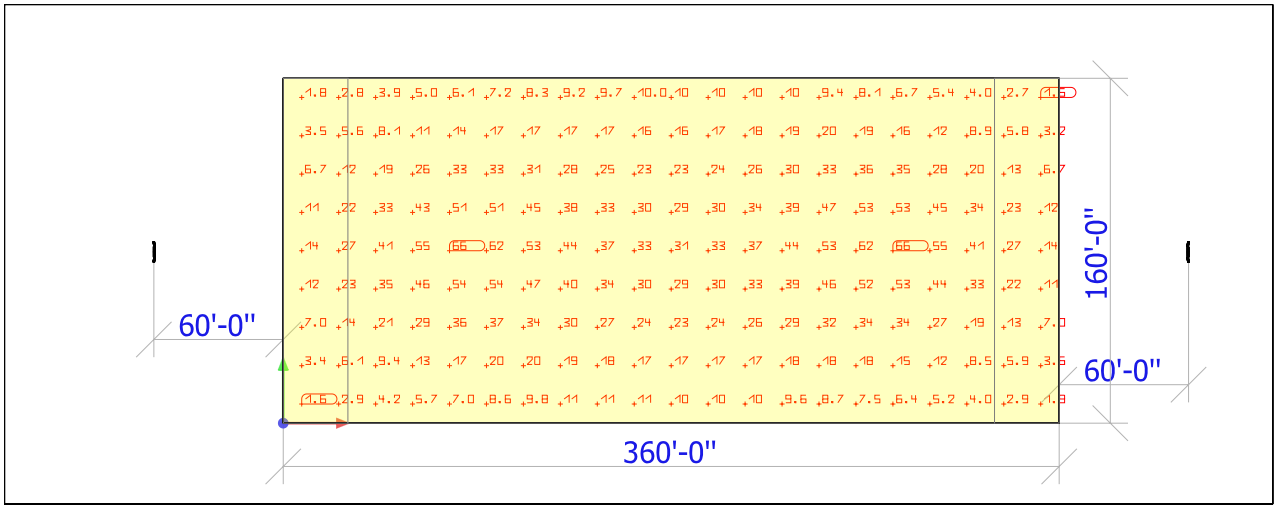
Site 1

Quantity	Luminaire (Luminous emittance)		
32	LARSON ELECTRONICS LLC - RT-BLLF500W-10DEG GAU-LTL-500W-LED-10DB-2017 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: 2083232 lm, Total luminaire luminous flux: 2083232 lm, Total Load: 16073.6 W, Luminous efficacy: 129.6 lm/W

Site 1

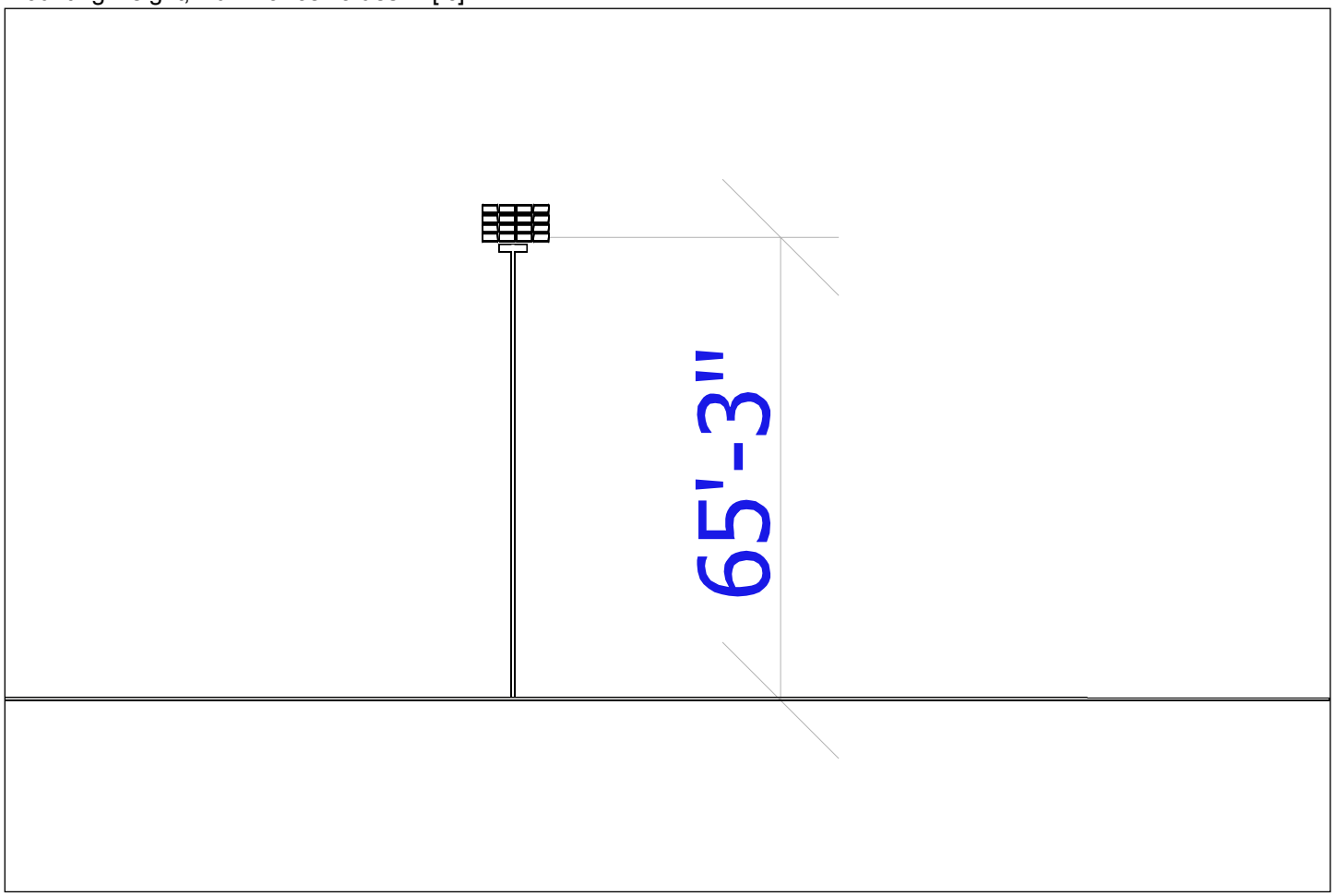
FC levels, Illuminance values in [fc]



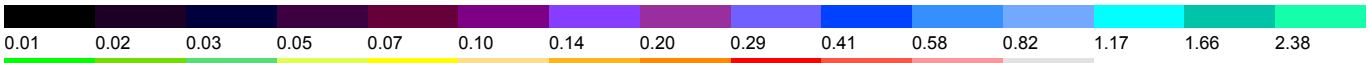
Scale: 1 : 1070

0.01	0.02	0.03	0.05	0.07	0.10	0.14	0.20	0.29	0.41	0.58	0.82	1.17	1.66	2.38
3.38	4.81	6.85	9.66	14	20	28	40	99	245	606	1500 [fc]			

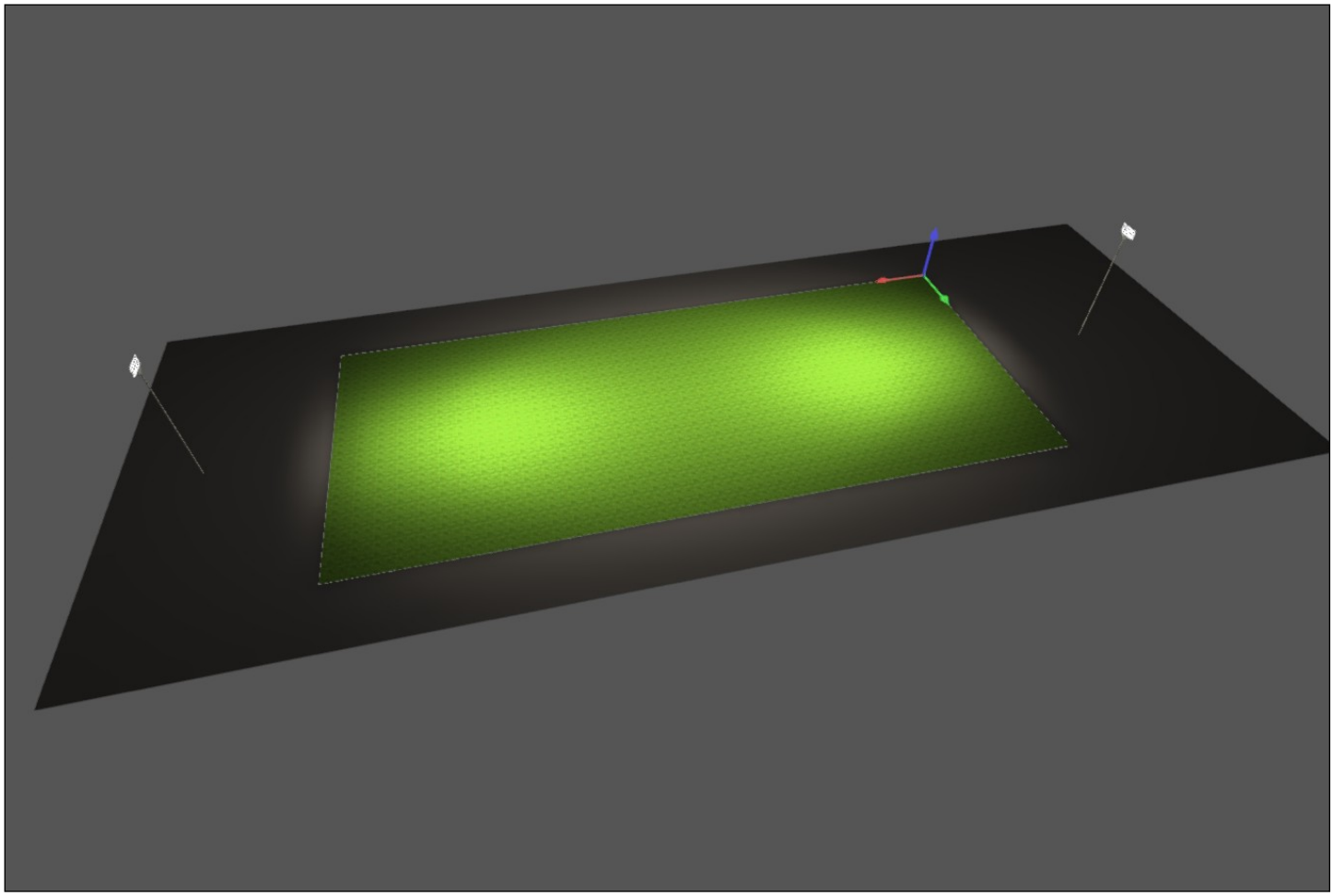
Mounting Height, Illuminance values in [fc]



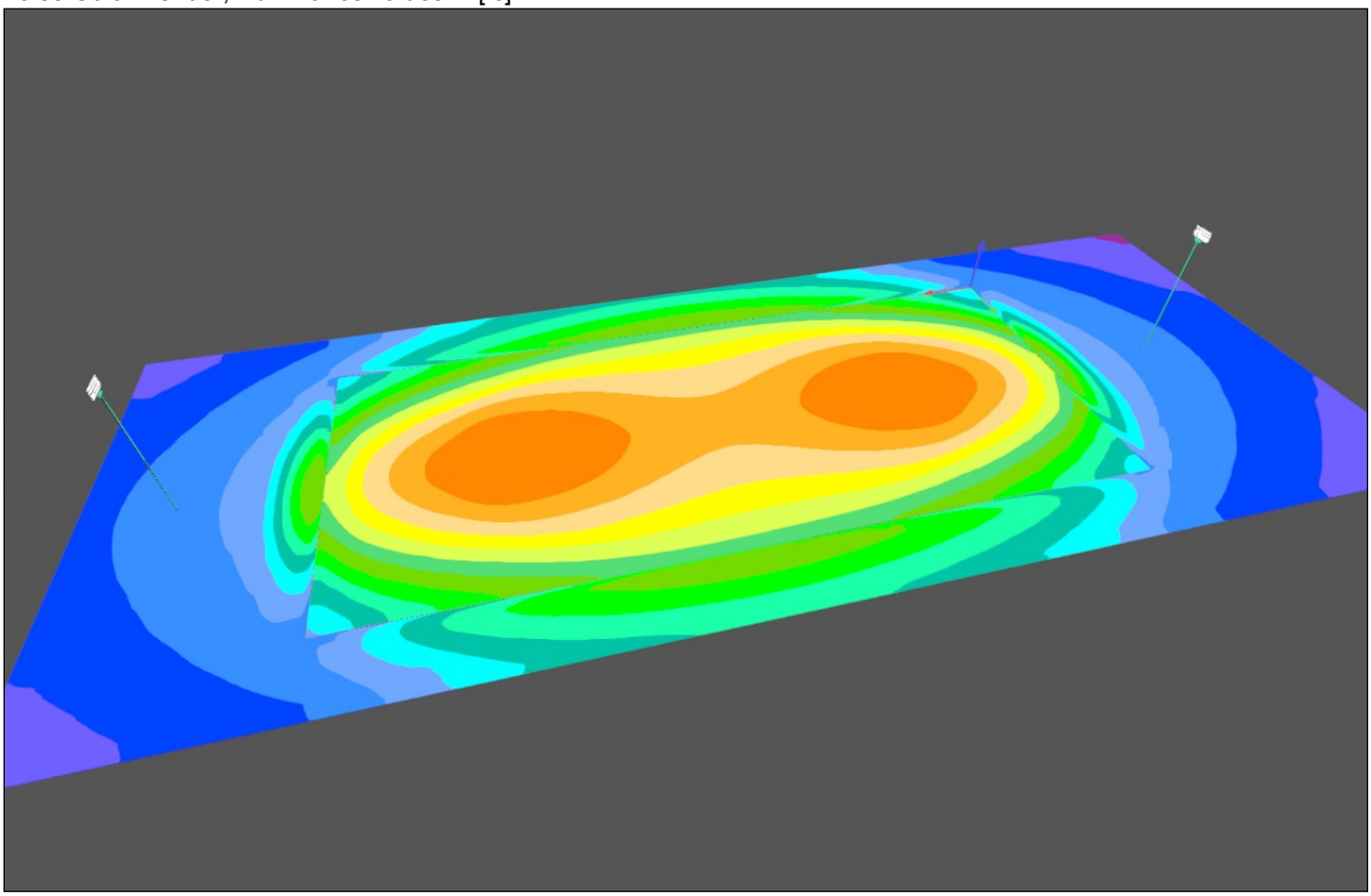
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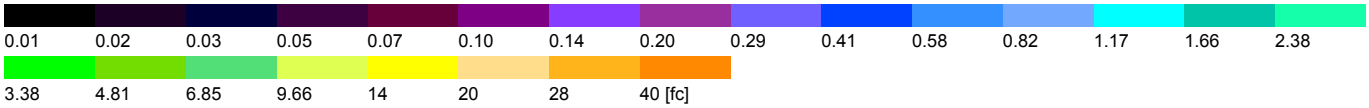


3D render

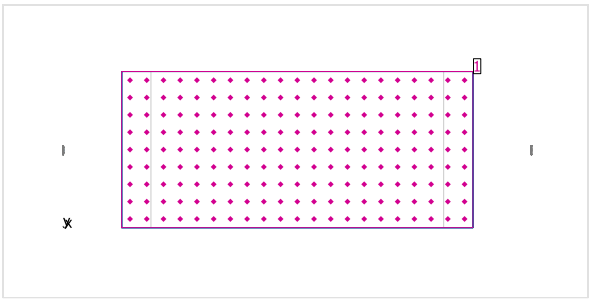


False Color Render, Illuminance values in [fc]





Site 1

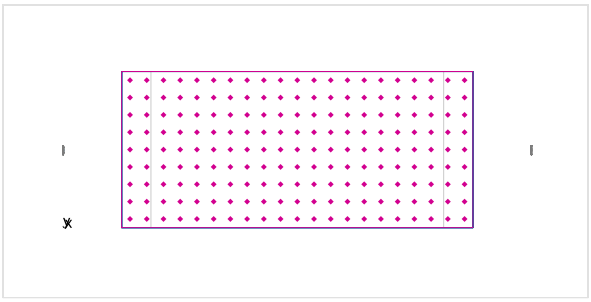


Maintenance factor: 0.80

General

	Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1	Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	22.82	1.6	65.62	0.07	0.02

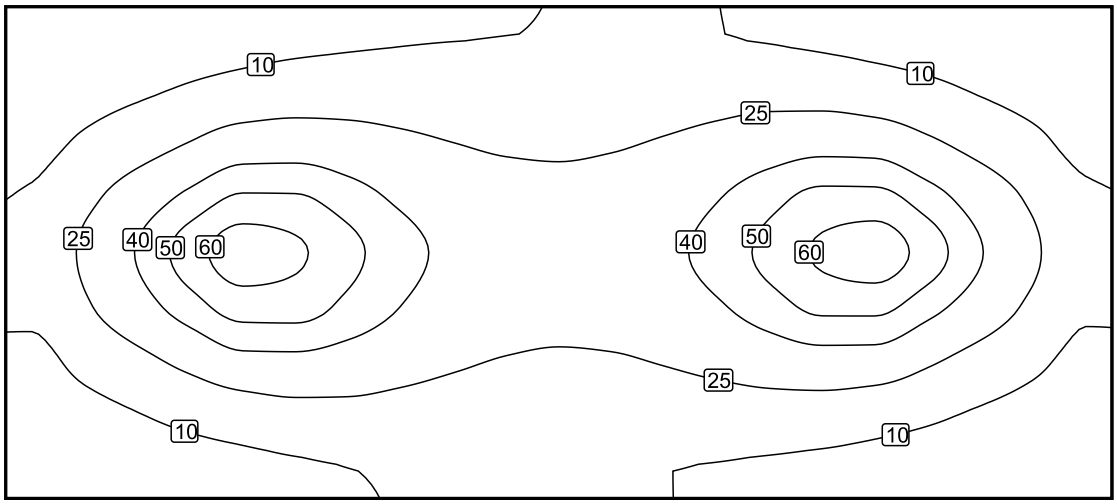
Calculation surface 1 / Perpendicular illuminance



Maintenance factor: 0.80

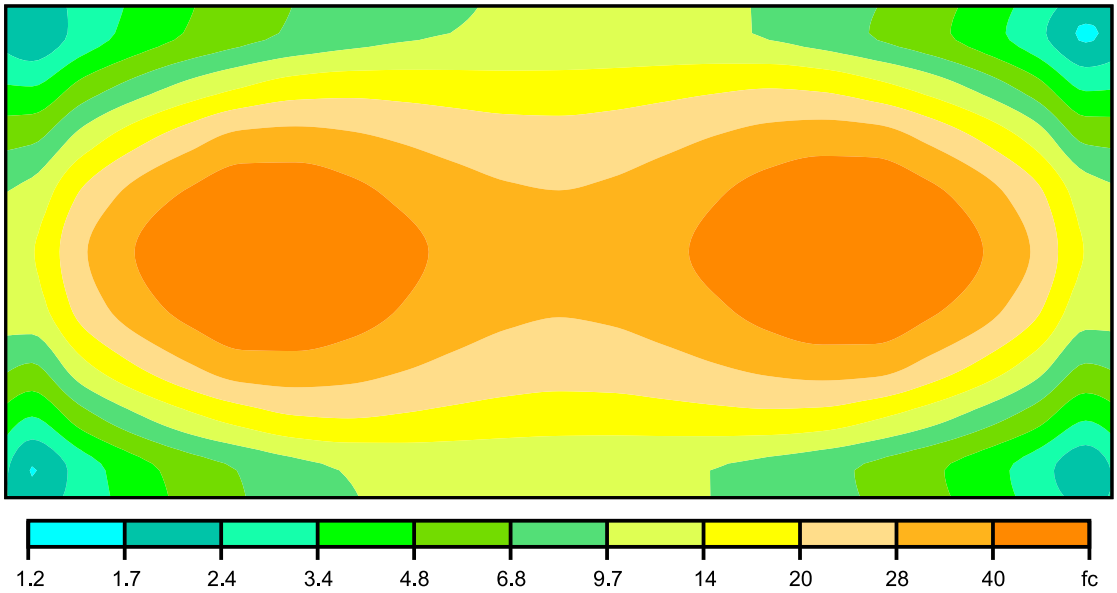
Calculation surface 1: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 22.82 fc, Min: 1.6 fc, Max: 65.62 fc, Min/average: 0.07, Min/max: 0.02
Height: 0.100 ft

Isolines [fc]



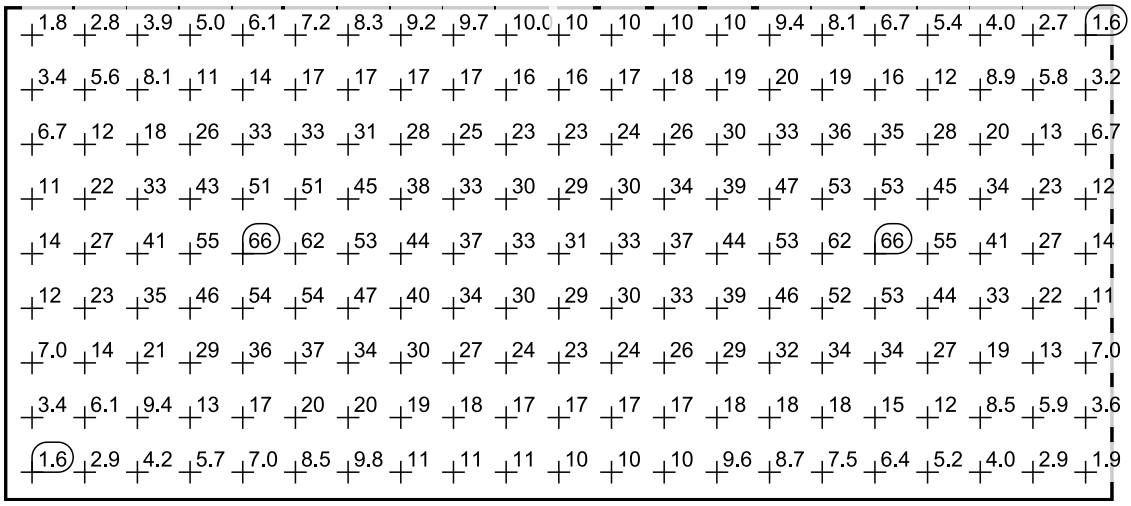
Scale: 1 : 750

False colours [fc]



Scale: 1 : 750

Value grid [fc]



Scale: 1 : 750

Date:
19.12.2017

J12848 layout - Football field

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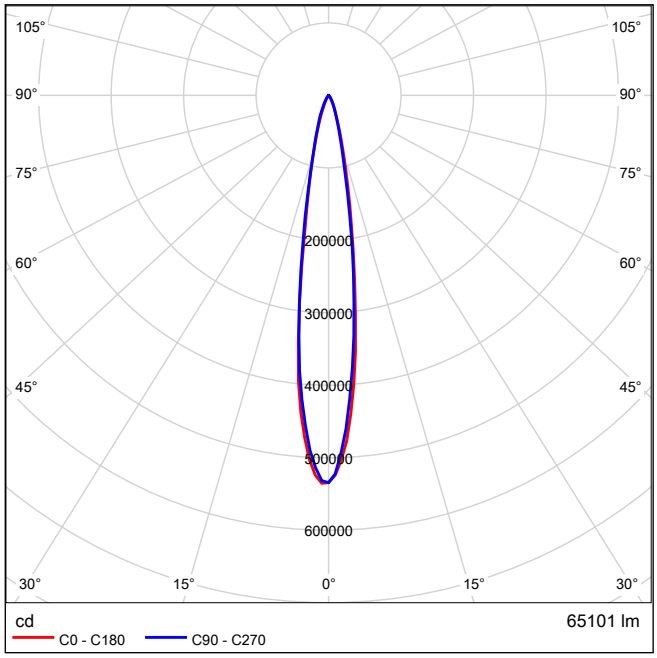
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LARSON ELECTRONICS LLC RT-BLLF500W-10DEG GAU-LTL-500W-LED-10DB-2017 1x

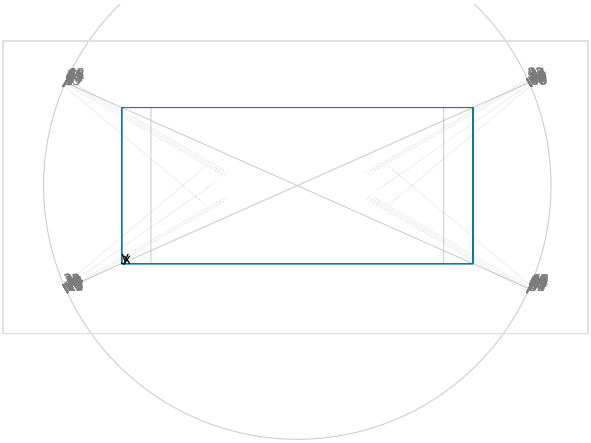
See our luminaire catalog for an image of the luminaire.

Absolute photometry
Luminaire luminous flux: 65101 lm
Power: 502.3 W
Luminous efficacy: 129.6 lm/W

Luminous emittance 1 / Polar LDC



Site 1



LARSON ELECTRONICS LLC RT-BLLF500W-10DEG GAU-LTL-500W-LED-10DB-2017

No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
1	-59.505	182.586	65.000	0.80
2	-58.318	184.642	65.000	0.80
3	-57.130	186.699	65.000	0.80
4	-55.943	188.756	65.000	0.80
5	-59.505	182.586	66.272	0.80
6	-58.318	184.642	66.272	0.80
7	-57.130	186.699	66.272	0.80
8	-55.943	188.756	66.272	0.80
9	-59.505	182.586	69.000	0.80
10	-58.318	184.642	69.000	0.80
11	-57.130	186.699	69.000	0.80
12	-55.943	188.756	69.000	0.80
13	-59.505	182.586	67.584	0.80
14	-58.318	184.642	67.584	0.80
15	-57.130	186.699	67.584	0.80
16	-55.943	188.756	67.584	0.80
17	-55.943	-28.758	69.000	0.80
18	-57.130	-26.701	69.000	0.80
19	-58.318	-24.644	69.000	0.80
20	-59.505	-22.588	69.000	0.80
21	-55.943	-28.758	67.584	0.80
22	-57.130	-26.701	67.584	0.80
23	-58.318	-24.644	67.584	0.80
24	-59.505	-22.588	67.584	0.80
25	-55.943	-28.758	66.272	0.80
26	-57.130	-26.701	66.272	0.80
27	-58.318	-24.644	66.272	0.80
28	-59.505	-22.588	66.272	0.80
29	-55.943	-28.758	65.000	0.80
30	-57.130	-26.701	65.000	0.80
31	-58.318	-24.644	65.000	0.80
32	-59.505	-22.588	65.000	0.80
33	415.938	188.756	69.000	0.80
34	417.126	186.699	69.000	0.80

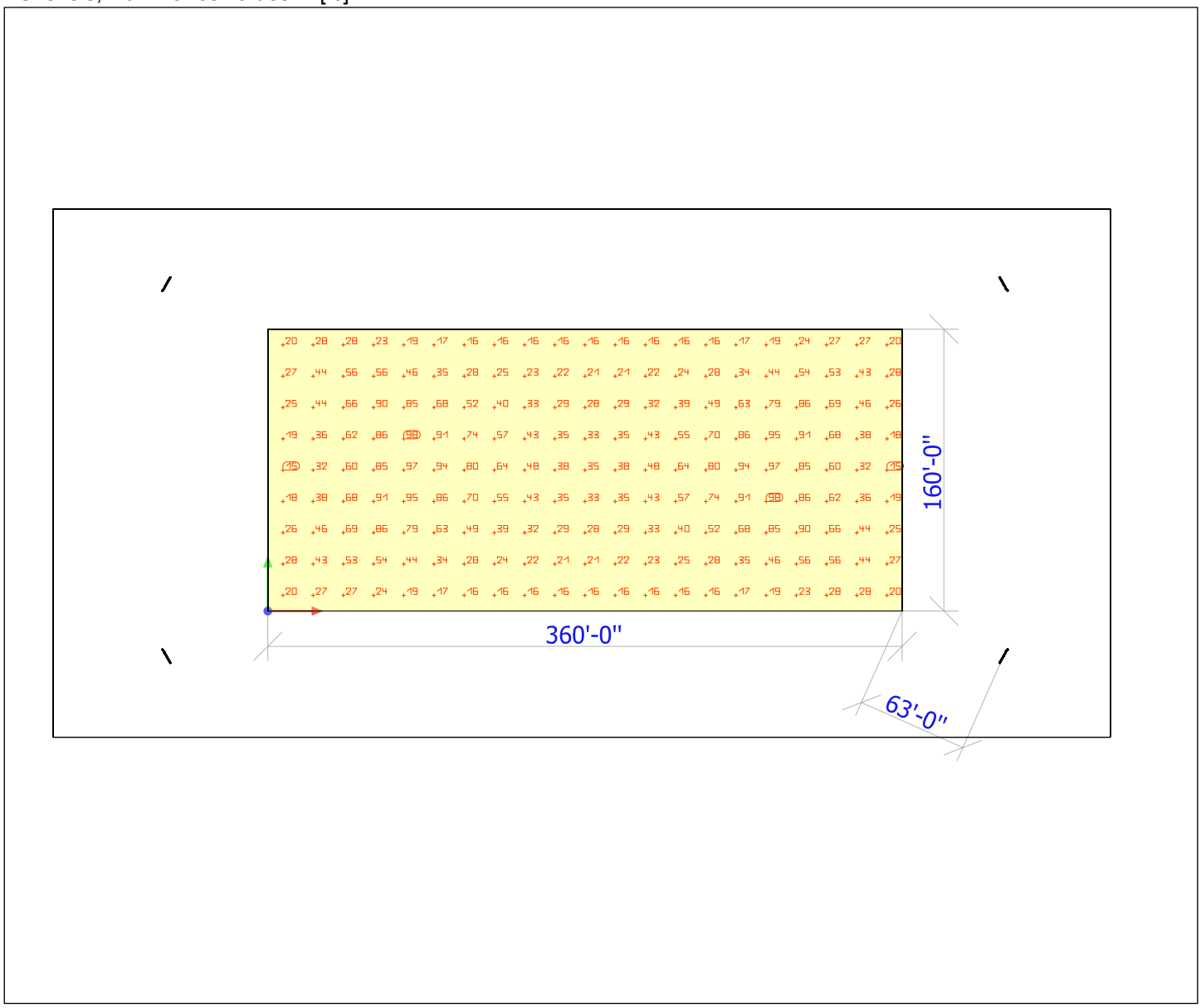
No.	X [ft]	Y [ft]	Mounting height [ft]	Maintenance factor
35	418.313	184.642	69.000	0.80
36	419.501	182.586	69.000	0.80
37	415.938	188.756	67.584	0.80
38	417.126	186.699	67.584	0.80
39	418.313	184.642	67.584	0.80
40	419.501	182.586	67.584	0.80
41	419.501	-22.588	69.000	0.80
42	418.313	-24.644	69.000	0.80
43	417.126	-26.701	69.000	0.80
44	415.938	-28.758	69.000	0.80
45	415.938	188.756	66.272	0.80
46	417.126	186.699	66.272	0.80
47	418.313	184.642	66.272	0.80
48	419.501	182.586	66.272	0.80
49	419.501	-22.588	67.584	0.80
50	418.313	-24.644	67.584	0.80
51	417.126	-26.701	67.584	0.80
52	415.938	-28.758	67.584	0.80
53	415.938	188.756	65.000	0.80
54	417.126	186.699	65.000	0.80
55	418.313	184.642	65.000	0.80
56	419.501	182.586	65.000	0.80
57	419.501	-22.588	66.272	0.80
58	418.313	-24.644	66.272	0.80
59	417.126	-26.701	66.272	0.80
60	415.938	-28.758	66.272	0.80
61	419.501	-22.588	65.000	0.80
62	418.313	-24.644	65.000	0.80
63	417.126	-26.701	65.000	0.80
64	415.938	-28.758	65.000	0.80

Site 1

#	Luminaire	Φ(Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
64	LARSON ELECTRONICS LLC - RT-BLLF500W-10DEG GAU-LTL-500W-LED-10DB-2017	65101	502.3	129.6
	Total via all luminaires	4166464	32147.2	129.6

Site 1

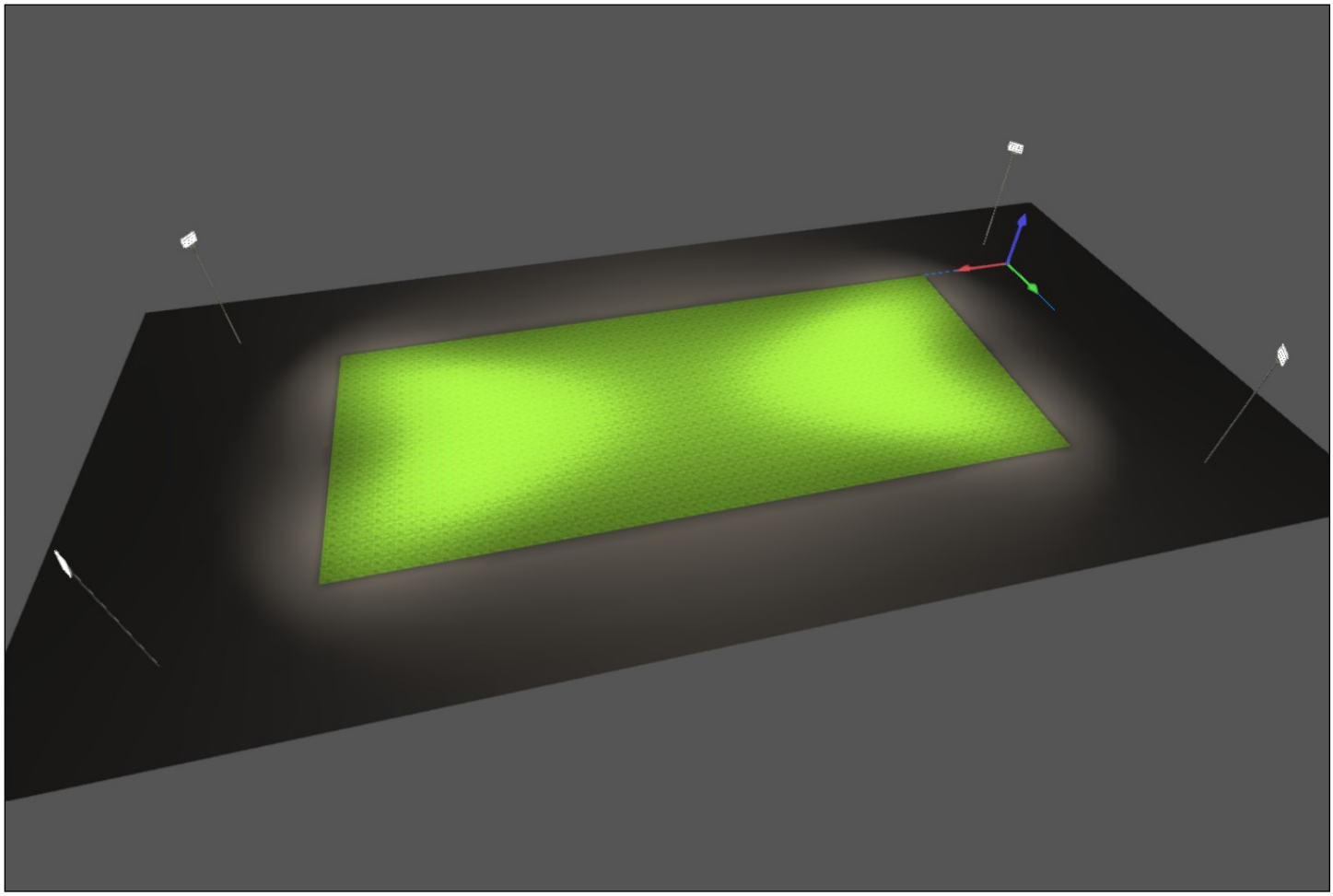
FC levels, Illuminance values in [fc]



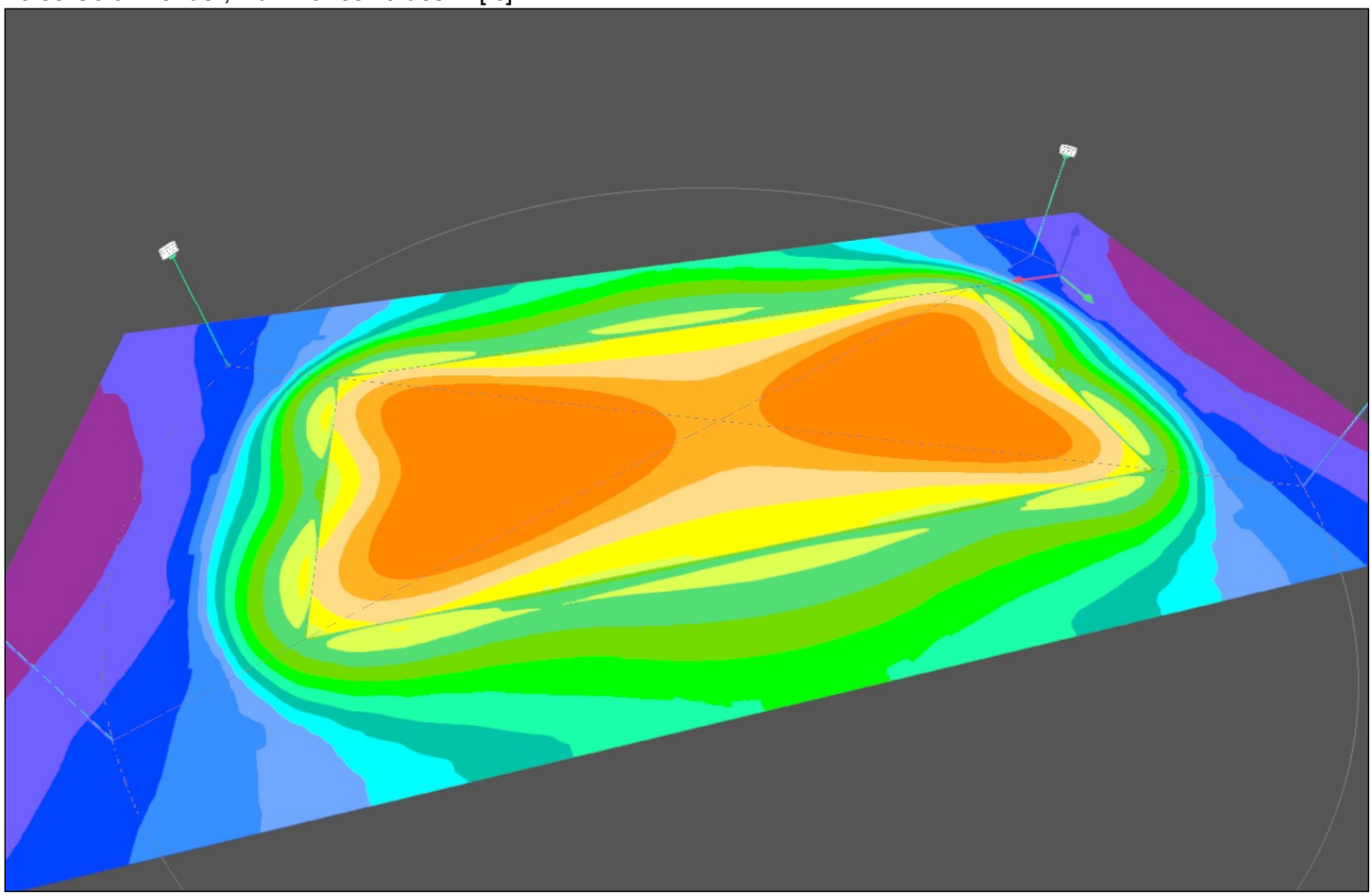
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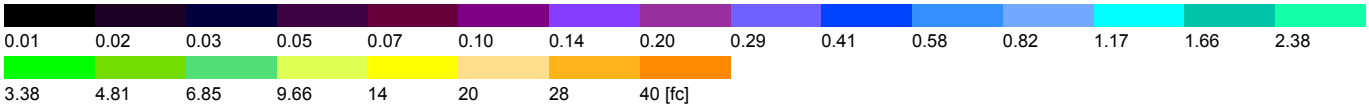
0.01	0.02	0.03	0.05	0.07	0.10	0.14	0.20	0.29	0.41	0.58	0.82	1.17	1.66	2.38
3.38	4.81	6.85	9.66	14	20	28	40	99	245	606	1500 [fc]			

3D render

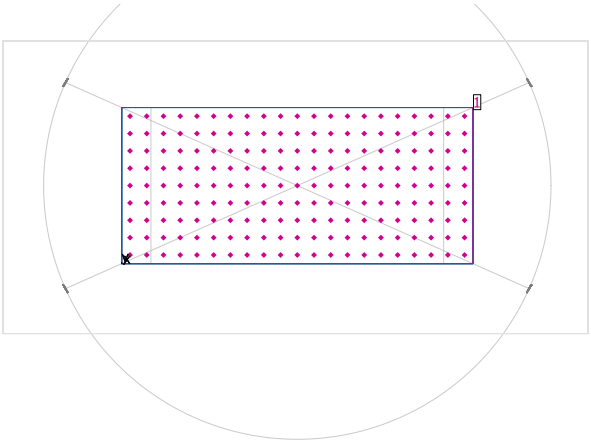


False Color Render, Illuminance values in [fc]





Site 1

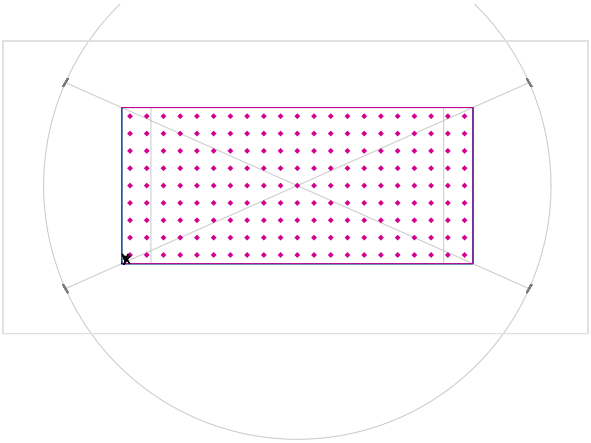


Maintenance factor: 0.80

General

	Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1	Calculation surface 1	Perpendicular illuminance [fc] Height: 0.100 ft	43.23	15.27	98.02	0.35	0.16

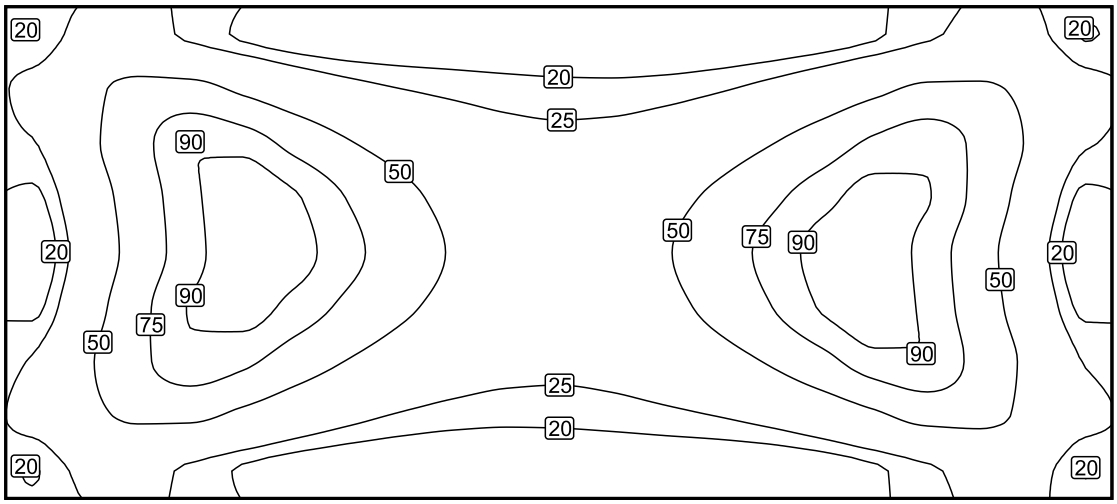
Calculation surface 1 / Perpendicular illuminance



Maintenance factor: 0.80

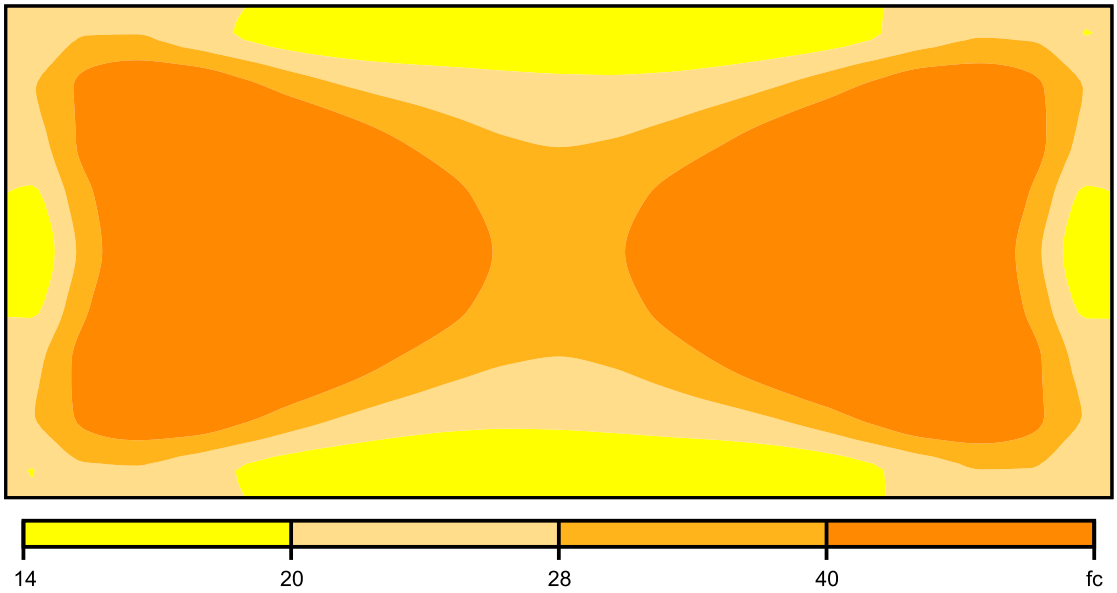
Calculation surface 1: Perpendicular illuminance (Grid)
Light scene: Light scene 1
Average: 43.23 fc, Min: 15.27 fc, Max: 98.02 fc, Min/average: 0.35, Min/max: 0.16
Height: 0.100 ft

Isolines [fc]



Scale: 1 : 750

False colours [fc]



Scale: 1 : 750

Value grid [fc]

20	28	28	23	19	17	16	16	16	16	16	16	16	16	16	17	19	24	27	27	20
27	44	56	56	46	35	28	25	23	22	21	21	22	24	28	34	44	54	53	43	28
25	44	66	90	85	68	52	40	33	29	28	29	32	39	49	63	79	86	69	46	26
19	36	62	86	98	91	74	57	43	35	33	35	43	55	70	86	95	91	68	38	18
15	32	60	85	97	94	80	64	48	38	35	38	48	64	80	94	97	85	60	32	15
18	38	68	91	95	86	70	55	43	35	33	35	43	57	74	91	98	86	62	36	19
26	46	69	86	79	63	49	39	32	29	28	29	33	40	52	68	85	90	66	44	25
28	43	53	54	44	34	28	24	22	21	21	22	23	25	28	35	46	56	56	44	27
20	27	27	24	19	17	16	16	16	16	16	16	16	16	16	17	19	23	28	28	20

Scale: 1 : 750