

IronGate Phase II - lighting plan

Partner for Contact:
Order No.:
Company:
Customer No.:

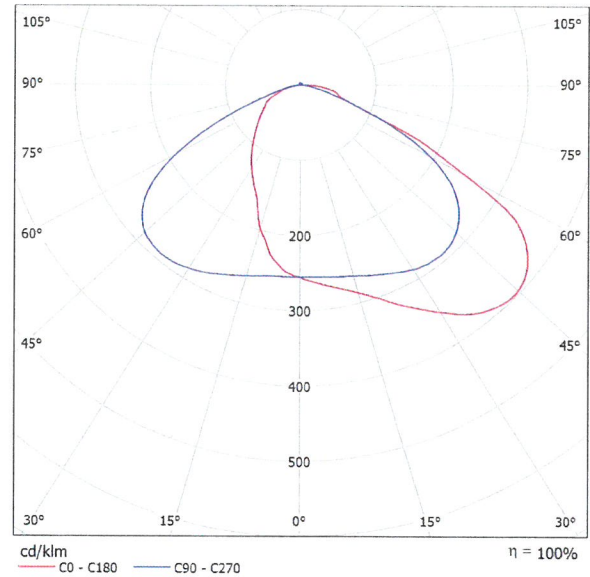
Date: 03 / 09 / 2021
Operator:

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LOUVERS LED RAP-70-5K-U-T3-B / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.

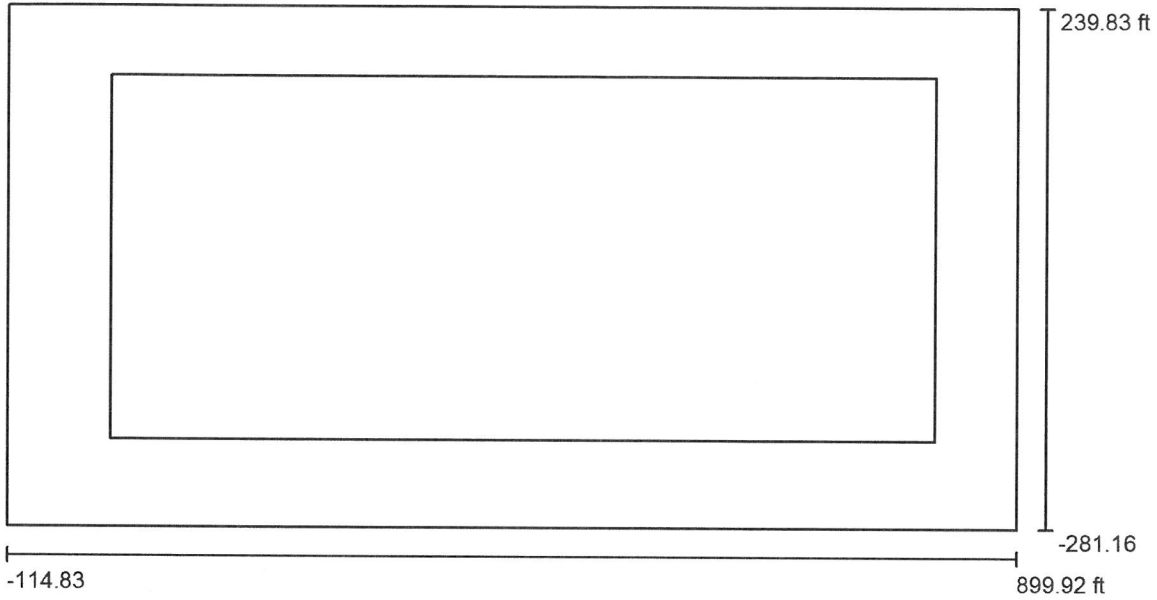


Luminaire classification according to CIE: 99
CIE flux code: 39 77 97 99 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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Exterior Scene 1 / Planning data



Light loss factor: 0.95, ULR (Upward Light Ratio): 0.5%

Scale 1:2212

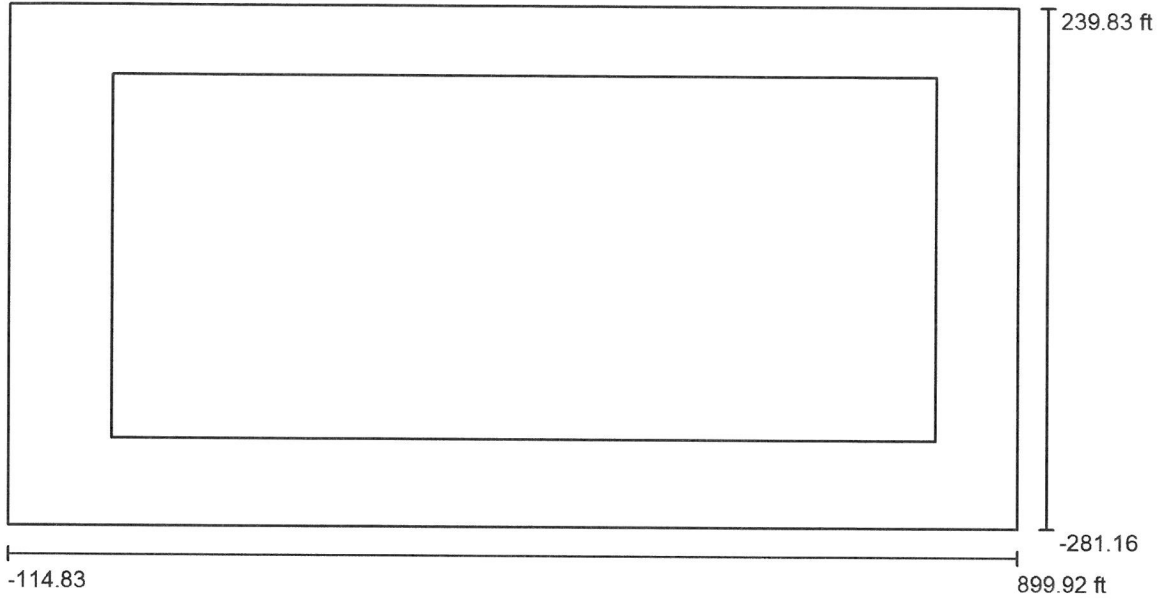
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	79	LOUVERS LED RAP-70-5K-U-T3-B (1.000)	9014	9015	69.3
Total:			712145	712161	5474.7



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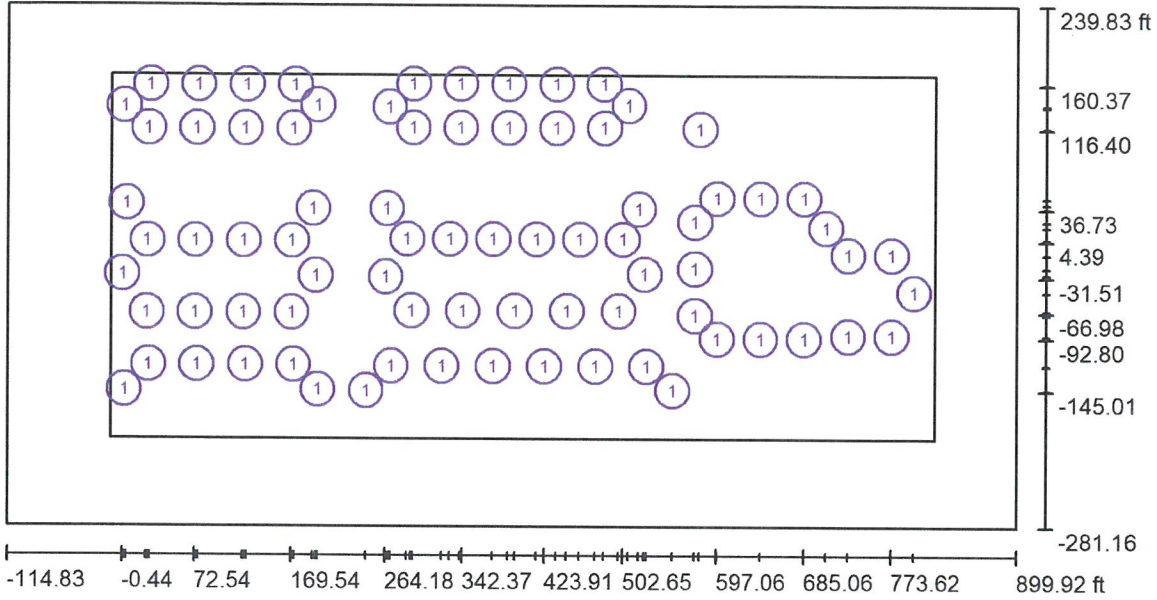
Exterior Scene 1 / Floor plan



Scale 1 : 2212

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Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 2212

Luminaire Parts List

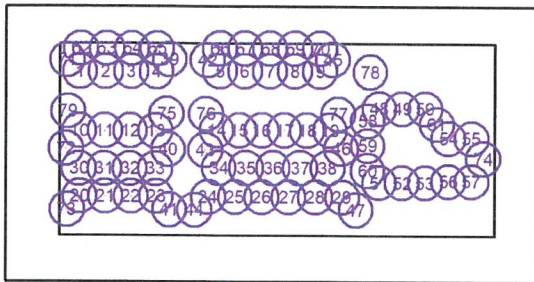
No.	Pieces	Designation
1	79	LOUVERS LED RAP-70-5K-U-T3-B

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Exterior Scene 1 / Luminaires (coordinates list)

LOUVERS LED RAP-70-5K-U-T3-B

9014 lm, 69.3 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	25.923	116.399	20.000	0.0	0.0	-90.0
2	74.423	116.399	20.000	0.0	0.0	-90.0
3	122.923	116.399	20.000	0.0	0.0	-90.0
4	171.423	116.399	20.000	0.0	0.0	-90.0
5	291.831	117.664	20.000	0.0	0.0	-90.0
6	339.831	117.664	20.000	0.0	0.0	-90.0
7	387.831	117.664	20.000	0.0	0.0	-90.0
8	435.831	117.664	20.000	0.0	0.0	-90.0
9	483.831	117.664	20.000	0.0	0.0	-90.0
10	24.654	4.385	20.000	0.0	0.0	90.0
11	73.019	4.385	20.000	0.0	0.0	90.0
12	121.383	4.385	20.000	0.0	0.0	90.0
13	169.748	4.385	20.000	0.0	0.0	90.0
14	285.985	6.226	20.000	0.0	0.0	90.0
15	329.318	6.226	20.000	0.0	0.0	90.0
16	372.651	6.226	20.000	0.0	0.0	90.0
17	415.985	6.226	20.000	0.0	0.0	90.0
18	459.318	6.226	20.000	0.0	0.0	90.0
19	502.651	6.226	20.000	0.0	0.0	90.0
20	25.961	-119.480	20.000	0.0	0.0	90.0
21	74.461	-119.480	20.000	0.0	0.0	90.0
22	122.961	-119.480	20.000	0.0	0.0	90.0
23	171.461	-119.480	20.000	0.0	0.0	90.0
24	269.910	-120.454	20.000	0.0	0.0	90.0
25	321.243	-120.454	20.000	0.0	0.0	90.0
26	372.576	-120.454	20.000	0.0	0.0	90.0
27	423.910	-120.454	20.000	0.0	0.0	90.0
28	475.243	-120.454	20.000	0.0	0.0	90.0

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Exterior Scene 1 / Luminaires (coordinates list)

No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	526.576	-120.454	20.000	0.0	0.0	90.0
30	24.044	-66.983	20.000	0.0	0.0	-90.0
31	72.544	-66.983	20.000	0.0	0.0	-90.0
32	121.044	-66.983	20.000	0.0	0.0	-90.0
33	169.544	-66.983	20.000	0.0	0.0	-90.0
34	290.369	-65.098	20.000	0.0	0.0	-90.0
35	342.369	-65.098	20.000	0.0	0.0	-90.0
36	394.369	-65.098	20.000	0.0	0.0	-90.0
37	446.369	-65.098	20.000	0.0	0.0	-90.0
38	498.369	-65.098	20.000	0.0	0.0	-90.0
39	195.883	139.949	20.000	0.0	0.0	0.0
40	193.948	-30.376	20.000	0.0	0.0	0.0
41	195.937	-144.336	20.000	0.0	0.0	0.0
42	267.881	138.382	20.000	0.0	0.0	180.0
43	264.183	-31.515	20.000	0.0	0.0	180.0
44	244.459	-145.007	20.000	0.0	0.0	180.0
45	508.219	140.174	20.000	0.0	0.0	0.0
46	524.509	-28.489	20.000	0.0	0.0	0.0
47	552.781	-144.550	20.000	0.0	0.0	0.0
48	597.070	47.527	20.000	0.0	0.0	90.0
49	641.070	47.527	20.000	0.0	0.0	90.0
50	685.070	47.527	20.000	0.0	0.0	90.0
51	597.063	-92.798	20.000	0.0	0.0	-90.0
52	641.063	-92.798	20.000	0.0	0.0	-90.0
53	685.063	-92.798	20.000	0.0	0.0	-90.0
54	729.619	-8.732	20.000	0.0	0.0	90.0
55	773.619	-8.732	20.000	0.0	0.0	90.0
56	729.615	-90.107	20.000	0.0	0.0	-90.0
57	773.615	-90.107	20.000	0.0	0.0	-90.0
58	574.814	23.856	20.000	0.0	0.0	-90.0
59	574.814	-22.811	20.000	0.0	0.0	-90.0
60	574.814	-69.478	20.000	0.0	0.0	-90.0
61	707.198	18.395	20.000	0.0	0.0	0.0
62	27.681	160.365	20.000	0.0	0.0	90.0
63	76.045	160.365	20.000	0.0	0.0	90.0
64	124.410	160.365	20.000	0.0	0.0	90.0
65	172.774	160.365	20.000	0.0	0.0	90.0
66	292.028	161.138	20.000	0.0	0.0	90.0

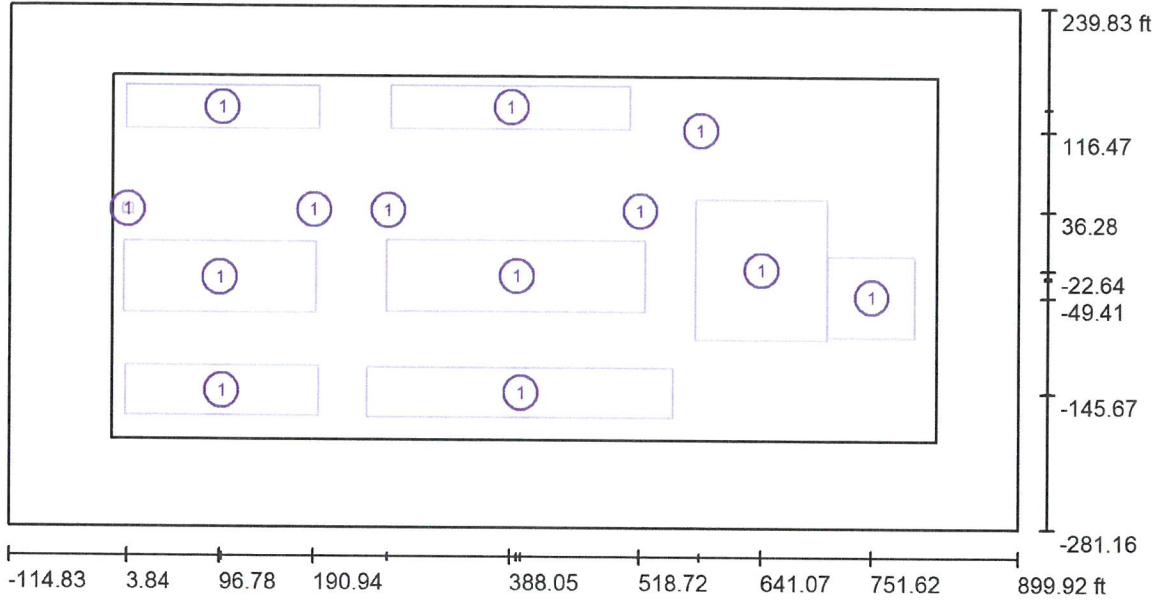
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Exterior Scene 1 / Luminaires (coordinates list)

No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
67	339.906	161.138	20.000	0.0	0.0	90.0
68	387.783	161.138	20.000	0.0	0.0	90.0
69	435.661	161.138	20.000	0.0	0.0	90.0
70	483.538	161.138	20.000	0.0	0.0	90.0
71	1.469	138.807	20.000	0.0	0.0	180.0
72	-0.437	-29.155	20.000	0.0	0.0	180.0
73	1.563	-144.541	20.000	0.0	0.0	180.0
74	796.015	-46.354	20.000	0.0	0.0	0.0
75	190.970	36.862	20.000	0.0	0.0	90.0
76	265.513	36.752	20.000	0.0	0.0	90.0
77	518.695	36.732	20.000	0.0	0.0	90.0
78	579.710	116.871	20.000	0.0	0.0	90.0
79	3.778	41.548	10.000	0.0	0.0	90.0

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Exterior Scene 1 / Objects (layout plan)



Scale 1 : 2212

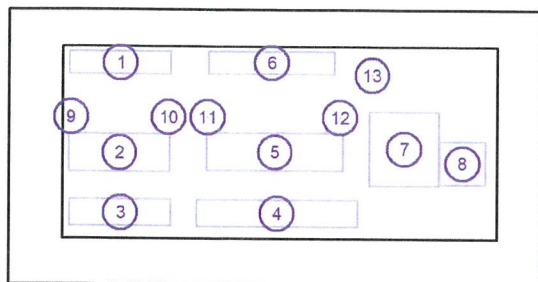
Object parts list

No.	Pieces	Designation
1	13	Cube

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Exterior Scene 1 / Objects (coordinates lists)

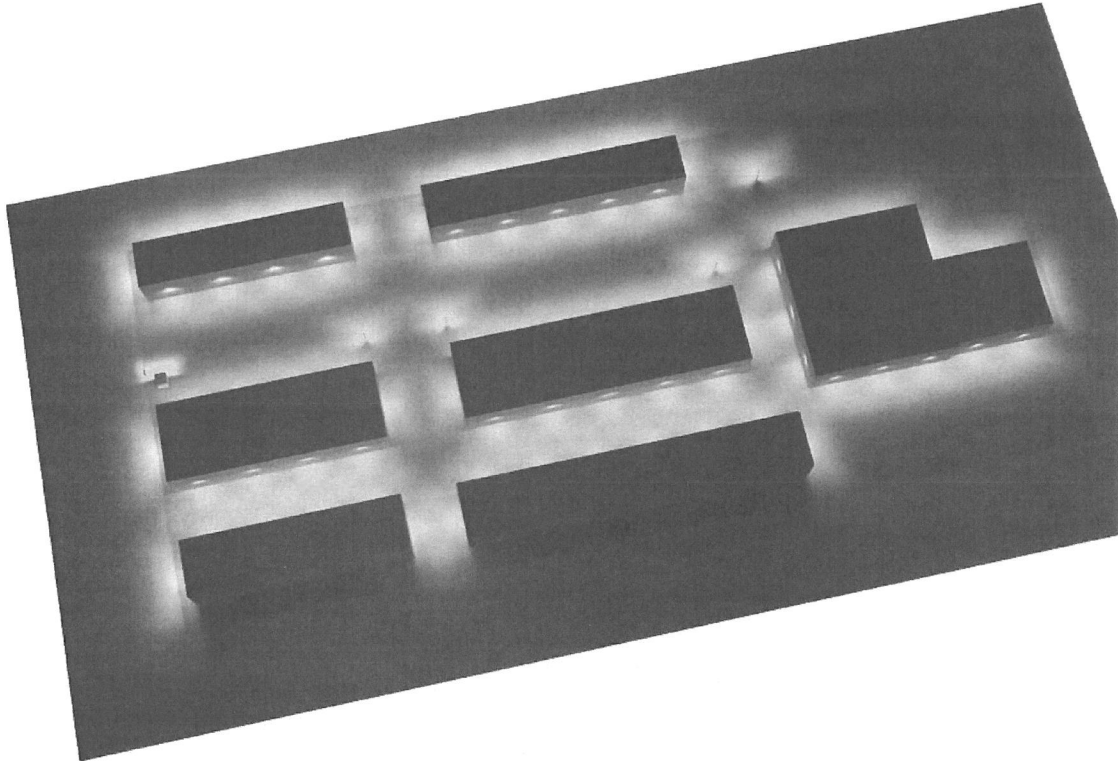
Cube



No.	Position [ft]			L	Size [ft]			Rotation [°]		
	X	Y	Z		W	H	X	Y	Z	
1	98.752	138.450	18.000	194.000	43.000	36.000	0.0	0.0	0.0	
2	96.784	-31.325	18.000	194.000	71.000	36.000	0.0	0.0	0.0	
3	98.752	-144.645	18.000	194.000	50.000	36.000	0.0	0.0	0.0	
4	398.617	-145.668	18.000	308.000	50.000	36.000	0.0	0.0	0.0	
5	394.352	-29.422	18.000	260.000	71.000	36.000	0.0	0.0	0.0	
6	388.051	139.346	18.000	240.000	43.000	36.000	0.0	0.0	0.0	
7	641.068	-22.638	18.000	132.000	140.000	36.000	0.0	0.0	0.0	
8	751.623	-49.407	18.000	88.000	81.000	36.000	0.0	0.0	0.0	
9	3.844	36.324	6.000	10.000	10.000	12.000	0.0	0.0	0.0	
10	190.943	36.417	10.000	0.500	0.500	20.000	0.0	0.0	0.0	
11	265.530	36.277	10.000	0.500	0.500	20.000	0.0	0.0	0.0	
12	518.719	36.277	10.000	0.500	0.500	20.000	0.0	0.0	0.0	
13	579.717	116.468	10.000	0.500	0.500	20.000	0.0	0.0	0.0	

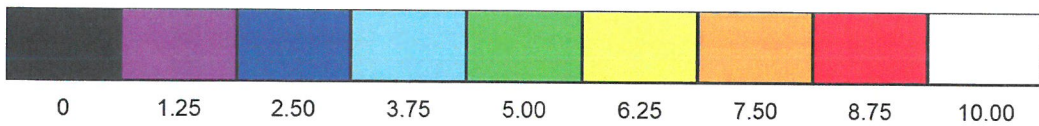
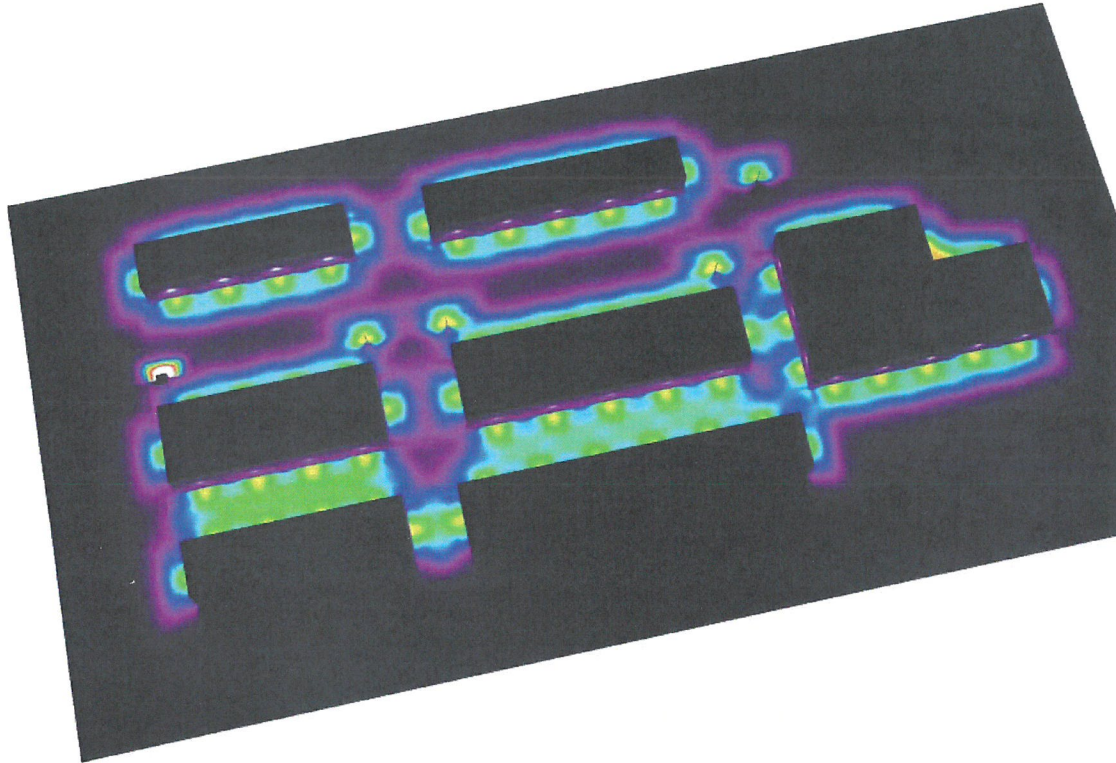
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Exterior Scene 1 / 3D Rendering



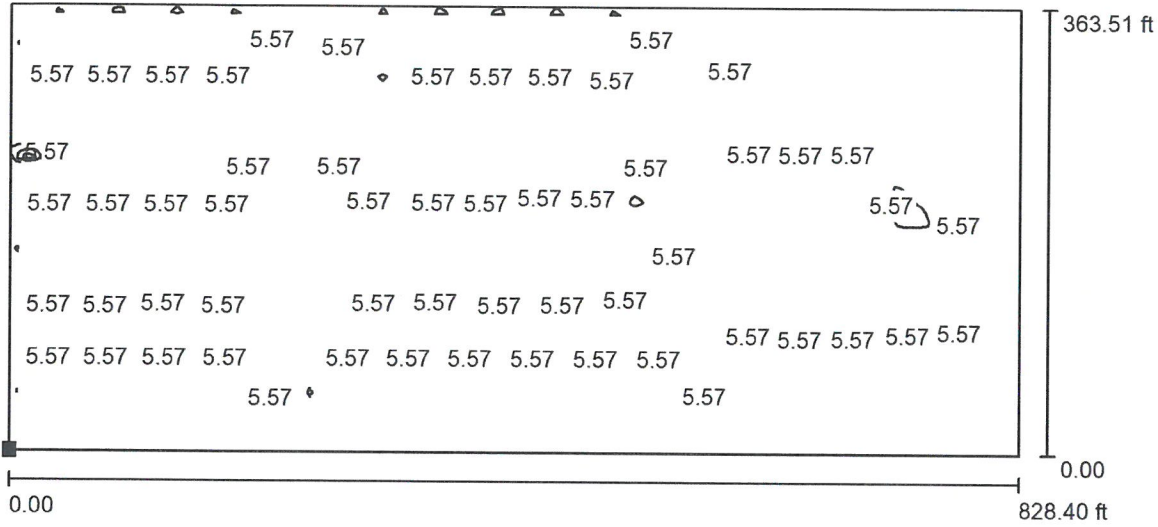
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Exterior Scene 1 / False Color Rendering



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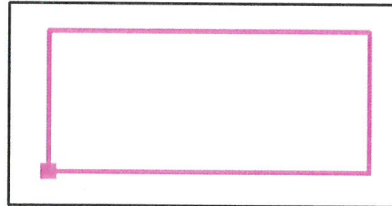
Exterior Scene 1 / Ground Element 3 / Surface 1 / Isolines (E)



Values in Footcandles, Scale 1 : 1806

Position of surface in external scene:

Marked point:
(-11.155 ft, -193.567 ft, 0.250 ft)



Grid: 128 x 128 Points

E_{av} [fc]
1.50

E_{min} [fc]
0.00

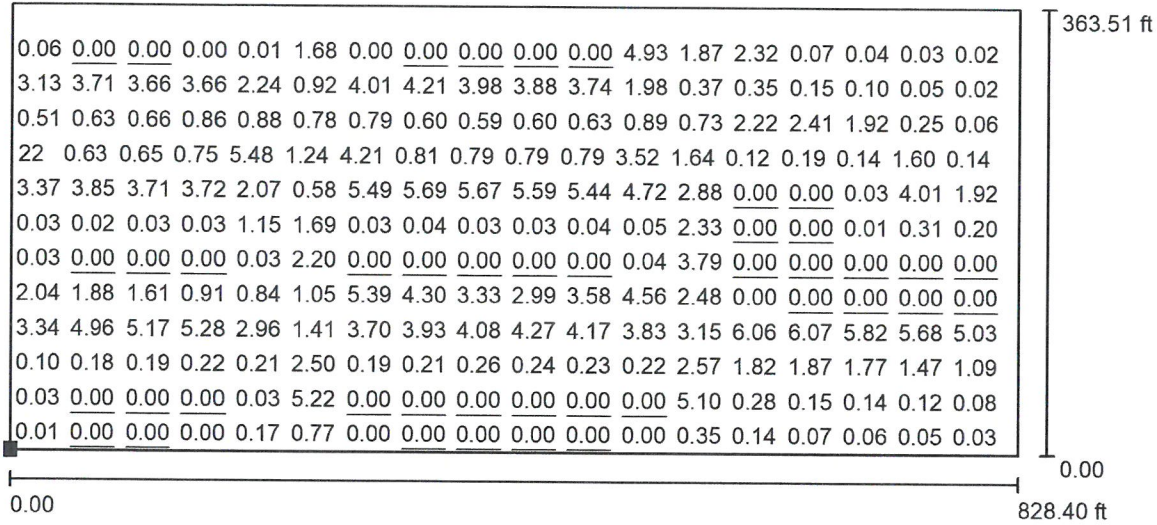
E_{max} [fc]
24

u_0
0.000

E_{min} / E_{max}
0.000

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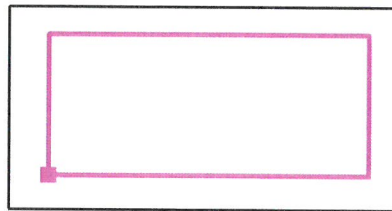
Exterior Scene 1 / Ground Element 3 / Surface 1 / Value Chart (E)



Values in Footcandles, Scale 1 : 1806

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(-11.155 ft, -193.567 ft, 0.250 ft)



Grid: 128 x 128 Points

E_{av} [fc]
1.50

E_{min} [fc]
0.00

E_{max} [fc]
24

u_0
0.000

E_{min} / E_{max}
0.000