



Photometric Report

Number of lamps: 4
 Lumens per lamp: 4050.00
 Input watts: 216.00
 Distribution: Direct
 Efficiency: 56.9
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.729
 90-270 Axis: 1.703
 Height: 0.000
 Spacing Criteria (0): 1.19
 Spacing Criteria (90): 1.12
 Spacing Criteria (Four Luminaires): 1.24

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3004	19	33
0-40	4764	29	52
0-60	7756	48	84
0-90	9211	57	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9211	57	100

Total Luminaire Efficiency = 57%

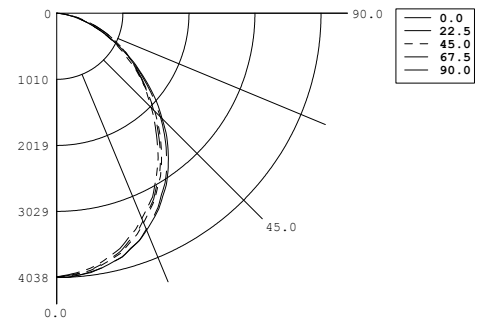
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6825	6825	6825
45.0	5443	5067	4894
55.0	4586	4281	4361
65.0	3589	3513	3866
75.0	2554	2626	3006
85.0	1050	1186	1342

Coefficients of Utilization

pfc= 0.20

pcc-	0.80			0.70			0.50			0.30			0.10			0.0		
pw->	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.0			
RCR																		
0	68	68	68	68	66	66	66	66	63	63	61	61	61	58	58	58	57	
1	63	60	58	56	61	59	57	55	57	55	53	54	53	52	52	51	50	49
2	57	53	50	47	56	52	49	46	50	47	45	48	46	44	47	45	43	42
3	53	47	43	39	51	46	42	39	45	41	38	43	40	38	42	39	37	36
4	48	42	37	34	47	41	37	34	40	36	33	39	35	33	37	35	32	31
5	45	38	33	29	44	37	33	29	36	32	29	35	31	29	34	31	28	27
6	42	34	29	26	40	34	29	26	33	29	26	32	28	25	31	28	25	24
7	39	31	26	23	38	31	26	23	30	26	23	29	25	23	28	25	23	21
8	36	29	24	21	35	28	24	21	27	23	21	27	23	20	26	23	20	19
9	34	26	22	19	33	26	22	19	25	21	19	25	21	19	24	21	18	17
10	32	24	20	17	31	24	20	17	24	20	17	23	19	17	23	19	17	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4027	4027	4027	4027	4027
2.5	4038	4038	4022	4011	4000
5.0	4015	4015	3996	3988	3969
7.5	3984	3996	3961	3954	3931
10.0	3954	3950	3912	3900	3870
12.5	3900	3900	3850	3835	3793
15.0	3854	3858	3793	3766	3724
17.5	3770	3762	3686	3655	3610
20.0	3694	3694	3594	3571	3518
22.5	3587	3571	3464	3437	3395
25.0	3480	3464	3342	3319	3273
27.5	3372	3346	3227	3204	3166
30.0	3235	3197	3078	3047	3005
32.5	3112	3078	2948	2921	2852
35.0	2960	2925	2787	2761	2699
37.5	2799	2753	2623	2592	2524
40.0	2638	2589	2459	2417	2355
42.5	2470	2413	2287	2252	2202
45.0	2271	2237	2114	2088	2042
47.5	2103	2046	1931	1931	1889
50.0	1919	1870	1759	1778	1751
52.5	1736	1694	1598	1633	1621
55.0	1552	1529	1449	1487	1476
57.5	1392	1354	1281	1354	1354
60.0	1208	1197	1147	1227	1239
62.5	1048	1044	1006	1094	1101
65.0	895	891	876	967	964
67.5	757	761	749	837	841
70.0	627	631	619	707	711
72.5	505	516	512	589	589
75.0	390	405	401	474	459
77.5	283	302	306	359	352
80.0	199	210	203	256	237
82.5	115	130	126	161	145
85.0	54	65	61	76	69
87.5	8	19	15	23	15
90.0	0	0	0	0	0