



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 106.00
 Distribution: Semi-Direct
 Efficiency: 76.0
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 7.980
 90-270 Axis: 0.750
 Height: 0.167
 Spacing Criteria (0): 1.25
 Spacing Criteria (90): 1.48
 Spacing Criteria (Four Luminaires): 1.37

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2213	18	24
0-40	3703	30	40
0-60	6034	49	65
0-90	7752	64	84
90-120	1010	8	11
90-150	1489	12	16
90-180	1520	12	16
0-180	9271	76	100

Total Luminaire Efficiency = 76%

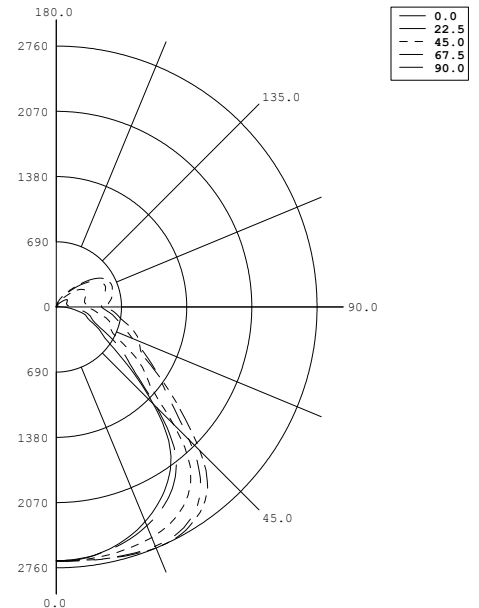
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4833	4833	4833
45.0	3615	3790	4468
55.0	2143	2796	3276
65.0	1829	2057	2808
75.0	2030	2462	3066
85.0	2281	2759	3574

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	0.5	0.3	0.1	0.0	
RCR																		
0	88	88	88	84	84	84	84	78	78	78	72	72	72	66	66	66	64	
1	79	76	72	69	76	73	70	67	67	65	62	62	60	58	57	56	54	
2	72	66	61	56	69	64	59	55	59	55	52	54	51	49	50	48	46	
3	66	58	52	47	63	56	51	46	52	47	44	48	45	41	45	42	39	
4	61	52	45	40	58	50	44	39	47	41	37	43	39	36	40	37	34	
5	56	46	40	35	53	45	39	34	42	37	33	39	35	31	36	33	30	
6	52	42	35	31	49	40	34	30	38	33	29	35	31	27	33	29	26	
7	48	38	32	27	46	37	31	26	35	29	25	32	28	24	30	26	23	
8	45	35	28	24	43	34	28	24	32	26	23	30	25	22	28	24	21	
9	42	32	26	22	40	31	25	21	29	24	21	27	23	20	26	22	19	
10	39	29	23	20	38	28	23	19	27	22	19	25	21	18	24	20	17	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2687	2687	2687	2687	2687
2.5	2691	2683	2690	2694	2682
5.0	2684	2675	2688	2697	2689
7.5	2669	2666	2688	2703	2700
10.0	2646	2648	2684	2712	2710
12.5	2621	2628	2680	2717	2719
15.0	2589	2606	2671	2723	2732
17.5	2551	2577	2662	2732	2742
20.0	2509	2544	2653	2736	2752
22.5	2457	2505	2640	2740	2760
25.0	2403	2462	2619	2735	2759
27.5	2339	2411	2594	2724	2752
30.0	2272	2354	2552	2697	2733
32.5	2192	2283	2502	2652	2694
35.0	2103	2195	2431	2594	2653
37.5	1993	2088	2336	2499	2586
40.0	1850	1940	2206	2373	2492
42.5	1665	1738	2011	2205	2345
45.0	1451	1500	1747	1987	2148
47.5	1232	1273	1475	1770	1931
50.0	1032	1094	1295	1595	1729
52.5	851	976	1201	1456	1550
55.0	704	884	1111	1340	1377
57.5	607	789	997	1244	1218
60.0	554	687	863	1141	1082
62.5	507	588	744	1046	1005
65.0	449	500	662	955	975
67.5	389	446	626	872	946
70.0	354	411	612	810	914
72.5	335	388	600	757	863
75.0	315	373	582	719	808
77.5	269	344	539	668	740
80.0	217	308	481	629	688
82.5	171	260	432	593	652
85.0	137	223	397	545	614
87.5	99	185	355	503	569
90.0	54	158	332	478	551
92.5	39	143	326	481	545
95.0	30	134	316	484	560
97.5	22	126	309	502	581
100.0	13	115	302	516	597
102.5	14	116	307	525	606
105.0	16	116	312	532	612
107.5	17	115	319	543	621
110.0	17	115	330	554	630
112.5	16	121	341	564	631
115.0	19	126	352	562	623
117.5	20	130	355	545	610
120.0	21	135	355	530	592
122.5	23	141	344	509	569
125.0	23	137	327	475	531
127.5	22	126	302	438	484
130.0	18	111	272	391	434
132.5	15	96	234	346	380
135.0	13	79	199	297	327
137.5	9	67	167	252	282
140.0	8	54	138	213	241
142.5	6	43	120	183	206
145.0	5	39	102	155	174
147.5	2	29	88	131	148
150.0	3	28	75	110	126
152.5	3	23	61	98	107
155.0	3	18	52	83	90
157.5	1	17	44	68	73
160.0	2	12	36	55	62
162.5	1	12	30	45	49
165.0	1	8	20	36	37
167.5	1	4	16	26	30
170.0	1	3	9	18	19
172.5	0	1	5	10	9
175.0	0	0	1	2	4
177.5	1	0	0	1	0
180.0	0	0	0	0	0