



**Photometric Report**

Number of lamps: 4  
 Lumens per lamp: 3850.00  
 Input watts: 194.50  
 Distribution: Direct  
 Efficiency: 66.4  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 3.960  
 90-270 Axis: 0.990  
 Height: 0.320  
 Spacing Criteria (0): 1.23  
 Spacing Criteria (90): 1.32  
 Spacing Criteria (Four Luminaires): 1.40

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	2237	15	22
0-40	3686	24	36
0-60	6667	43	65
0-90	9295	60	91
90-120	706	5	7
90-150	923	6	9
90-180	937	6	9
0-180	10233	66	100

Total Luminaire Efficiency = 66%

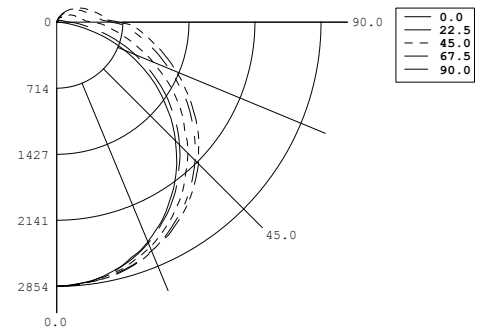
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	7836	7836	7836
45.0	6506	6043	6350
55.0	5931	5535	6003
65.0	5033	4907	5709
75.0	3407	4359	5573
85.0	819	4025	5919

**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	0.7	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	78	78	78	75	75	75	75	71	71	71	66	66	66	62	62	62	61	
1	70	66	63	60	67	64	61	58	60	58	55	56	54	53	53	51	50	48
2	63	57	52	48	61	55	51	47	52	48	45	49	46	43	46	43	41	39
3	57	50	44	39	55	48	43	39	45	41	37	43	39	36	40	37	34	33
4	52	44	38	33	50	43	37	32	40	35	31	38	34	30	36	32	29	27
5	48	39	33	28	46	38	32	28	36	31	27	34	29	26	32	28	25	24
6	44	35	29	24	42	34	28	24	32	27	23	31	26	23	29	25	22	21
7	41	32	26	21	39	31	25	21	29	24	21	28	23	20	26	22	20	18
8	38	29	23	19	37	28	23	19	27	22	18	25	21	18	24	20	17	16
9	35	26	21	17	34	26	20	17	25	20	16	23	19	16	22	19	16	14
10	33	24	19	15	32	24	19	15	23	18	15	22	18	15	21	17	14	13





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2854	2854	2854	2854	2854
2.5	2851	2847	2842	2851	2846
5.0	2837	2834	2837	2846	2842
7.5	2824	2820	2825	2834	2829
10.0	2796	2796	2805	2815	2820
12.5	2760	2769	2779	2793	2805
15.0	2724	2729	2757	2774	2783
17.5	2669	2687	2715	2747	2755
20.0	2629	2638	2674	2711	2724
22.5	2569	2583	2634	2674	2682
25.0	2501	2525	2579	2634	2629
27.5	2438	2451	2520	2579	2600
30.0	2361	2387	2461	2520	2546
32.5	2274	2311	2392	2465	2496
35.0	2197	2233	2325	2405	2438
37.5	2106	2146	2248	2338	2374
40.0	2014	2051	2159	2265	2306
42.5	1910	1969	2082	2188	2234
45.0	1811	1873	2001	2111	2164
47.5	1710	1778	1910	2029	2074
50.0	1606	1678	1801	1942	2002
52.5	1486	1568	1722	1855	1920
55.0	1382	1469	1628	1768	1833
57.5	1268	1360	1529	1683	1741
60.0	1151	1246	1433	1592	1659
62.5	1027	1137	1324	1491	1565
65.0	909	1018	1218	1401	1488
67.5	791	914	1124	1310	1392
70.0	668	810	1032	1223	1319
72.5	545	695	928	1146	1233
75.0	418	591	849	1064	1159
77.5	308	487	759	991	1077
80.0	204	395	683	914	1010
82.5	117	309	608	846	940
85.0	50	250	545	786	882
87.5	17	195	486	724	818
90.0	0	135	384	591	668
92.5	0	103	304	487	541
95.0	0	89	291	459	523
97.5	0	81	260	432	499
100.0	0	72	255	414	473
102.5	0	67	241	391	450
105.0	0	58	217	364	422
107.5	0	55	212	349	410
110.0	0	45	205	322	377
112.5	0	45	190	309	359
115.0	0	45	178	294	340
117.5	0	40	168	277	323
120.0	0	35	149	255	301
122.5	0	35	145	236	282
125.0	0	27	130	217	260
127.5	0	22	123	209	245
130.0	0	22	113	190	217
132.5	0	12	99	173	205
135.0	0	12	86	163	185
137.5	0	7	68	140	168
140.0	0	4	68	130	150
142.5	0	4	68	113	135
145.0	0	9	50	99	118
147.5	0	4	45	81	103
150.0	0	0	36	72	77
152.5	0	0	26	67	68
155.0	0	0	26	53	58
157.5	0	0	17	40	50
160.0	0	0	4	31	31
162.5	0	0	4	12	26
165.0	0	0	0	12	9
167.5	0	0	0	4	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0