



# Photometric Report

Number of lamps: 4  
 Lumens per lamp: 3050.00  
 Input watts: 112.00  
 Distribution: Semi-Direct  
 Efficiency: 85.6  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 8.080  
 90-270 Axis: 1.330  
 Height: 0.130  
 Spacing Criteria (0): 1.26  
 Spacing Criteria (90): 1.32  
 Spacing Criteria (Four Luminaires): 1.43

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2229	18	21
0-40	3699	30	35
0-60	6734	55	64
0-90	8915	73	85
90-120	313	3	3
90-150	854	7	8
90-180	1530	13	15
0-180	10444	86	100

Total Luminaire Efficiency = 86%

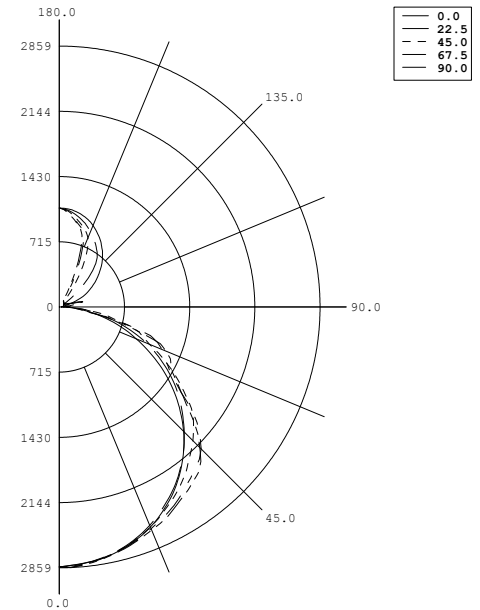
### Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	2855	2855	2855
45.0	2686	2715	2808
55.0	2557	2650	2501
65.0	2353	2429	2629
75.0	2107	2336	2084
85.0	1582	1173	928

### 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	99	99	99	95	95	95	95	88	88	88	82	82	82	76	76	76	73	
1	90	86	82	78	86	83	79	76	77	74	71	71	69	67	66	64	63	
2	81	74	68	63	78	71	66	62	66	62	58	62	58	55	57	55	52	
3	74	65	58	52	71	62	56	51	58	53	48	54	50	46	50	47	44	
4	67	57	50	44	65	55	48	43	51	46	41	48	43	39	45	41	37	
5	62	51	43	37	59	49	42	37	46	40	35	43	38	34	40	36	32	
6	57	46	38	32	55	44	37	32	41	35	31	39	33	29	36	32	28	
7	53	41	34	28	51	40	33	28	37	31	27	35	30	26	33	28	25	
8	49	37	30	25	47	36	30	25	34	28	24	32	27	23	30	26	22	
9	46	34	27	23	44	33	27	22	31	26	21	30	24	21	28	23	20	
10	43	32	25	20	41	31	24	20	29	23	19	27	22	19	26	21	18	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2850	2850	2850	2850	2850
2.5	2836	2835	2845	2856	2859
5.0	2827	2824	2833	2840	2844
7.5	2811	2810	2816	2820	2824
10.0	2793	2787	2792	2793	2800
12.5	2768	2762	2763	2763	2773
15.0	2736	2727	2731	2736	2746
17.5	2699	2687	2694	2706	2714
20.0	2660	2642	2654	2672	2679
22.5	2610	2591	2613	2630	2647
25.0	2557	2533	2563	2591	2617
27.5	2493	2471	2507	2554	2583
30.0	2431	2409	2456	2513	2535
32.5	2360	2343	2402	2464	2492
35.0	2283	2270	2342	2409	2455
37.5	2200	2192	2281	2365	2410
40.0	2115	2111	2203	2313	2371
42.5	2024	2025	2139	2270	2297
45.0	1927	1937	2071	2199	2176
47.5	1823	1843	1995	2088	2059
50.0	1718	1754	1919	1971	1912
52.5	1612	1663	1826	1808	1755
55.0	1498	1567	1692	1627	1632
57.5	1384	1466	1569	1497	1525
60.0	1267	1362	1453	1398	1432
62.5	1147	1253	1321	1327	1381
65.0	1027	1148	1202	1271	1342
67.5	912	1037	1069	1218	1263
70.0	804	910	979	1147	1180
72.5	694	788	917	1048	929
75.0	577	670	785	792	735
77.5	468	542	612	556	515
80.0	364	446	522	336	306
82.5	260	338	367	249	236
85.0	163	236	196	180	171
87.5	104	123	147	126	131
90.0	55	66	99	89	95
92.5	23	42	70	83	83
95.0	27	63	106	91	92
97.5	34	58	141	118	123
100.0	39	52	134	216	203
102.5	51	49	118	259	264
105.0	77	50	80	162	225
107.5	130	50	75	112	142
110.0	189	49	64	106	117
112.5	248	48	62	81	101
115.0	305	52	63	74	87
117.5	348	57	61	72	77
120.0	389	57	62	72	75
122.5	435	70	60	68	72
125.0	481	100	59	68	75
127.5	525	172	64	67	70
130.0	567	259	67	66	67
132.5	612	352	68	66	67
135.0	657	448	71	66	67
137.5	699	539	79	74	71
140.0	738	622	100	80	75
142.5	777	683	163	75	79
145.0	809	726	267	78	76
147.5	848	759	391	100	85
150.0	880	795	515	198	120
152.5	908	829	635	337	232
155.0	939	862	744	486	387
157.5	968	893	822	639	544
160.0	993	924	869	782	701
162.5	1014	956	904	866	827
165.0	1032	981	937	908	893
167.5	1049	1007	967	939	929
170.0	1061	1030	1001	976	967
172.5	1074	1049	1030	1012	1003
175.0	1079	1067	1059	1046	1040
177.5	1083	1074	1077	1074	1072
180.0	1085	1085	1085	1085	1085