



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 110.00
 Distribution: Semi-Direct
 Efficiency: 76.4
 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): 1.24
 Spacing Criteria (90): 1.34
 Spacing Criteria (Four Luminaires): 1.41

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1977	16	21
0-40	3267	27	35
0-60	5966	49	64
0-90	8389	69	90
90-120	731	6	8
90-150	923	8	10
90-180	934	8	10
0-180	9323	76	100

Total Luminaire Efficiency = 76%

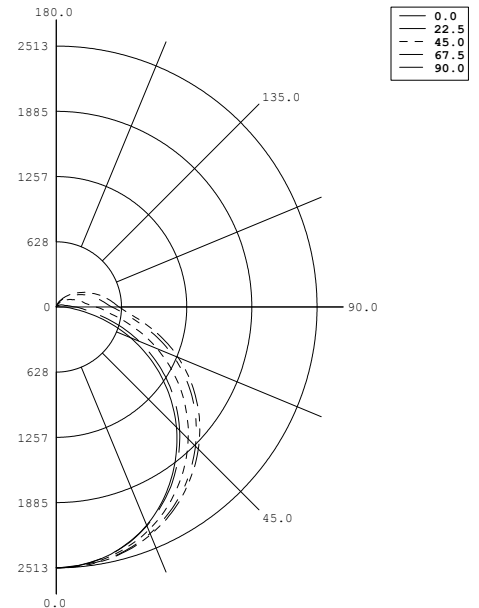
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4520	4520	4520
45.0	4078	3899	4025
55.0	3864	3742	3956
65.0	3560	3543	3897
75.0	2991	3299	3856
85.0	2331	3350	4063

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	89	89	89	86	86	86	86	81	81	81	76	76	76	71	71	71	69	
1	80	76	72	69	77	73	70	67	69	66	63	64	62	60	60	58	55	
2	72	65	60	55	69	63	58	53	59	55	51	55	52	49	52	49	44	
3	65	57	50	45	63	55	49	44	52	46	42	48	44	40	46	42	37	
4	60	50	43	38	57	49	42	37	46	40	36	43	38	34	40	36	31	
5	55	45	37	32	53	43	37	32	41	35	30	38	33	29	36	32	27	
6	50	40	33	28	48	39	32	27	37	31	26	35	30	26	33	28	23	
7	47	36	29	24	45	35	29	24	33	27	23	31	26	23	30	25	20	
8	43	33	26	22	42	32	26	21	30	25	21	29	24	20	27	23	18	
9	41	30	24	19	39	29	23	19	28	22	19	27	22	18	25	21	16	
10	38	28	22	17	37	27	21	17	26	20	17	25	20	16	23	19	15	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2513	2513	2513	2513	2513
2.5	2510	2506	2509	2512	2512
5.0	2500	2498	2505	2507	2509
7.5	2486	2482	2491	2498	2501
10.0	2465	2464	2477	2485	2490
12.5	2439	2438	2455	2470	2477
15.0	2404	2407	2430	2448	2454
17.5	2366	2372	2399	2423	2434
20.0	2325	2328	2367	2395	2405
22.5	2275	2282	2326	2362	2376
25.0	2222	2232	2283	2324	2338
27.5	2161	2174	2235	2281	2302
30.0	2097	2114	2183	2237	2259
32.5	2027	2053	2125	2189	2214
35.0	1956	1983	2067	2139	2162
37.5	1881	1911	2005	2082	2108
40.0	1801	1837	1938	2020	2055
42.5	1720	1760	1870	1960	1997
45.0	1637	1681	1797	1896	1935
47.5	1549	1597	1724	1829	1870
50.0	1457	1511	1644	1759	1805
52.5	1365	1424	1566	1690	1736
55.0	1269	1335	1487	1615	1663
57.5	1176	1244	1403	1539	1588
60.0	1076	1149	1316	1459	1513
62.5	975	1053	1230	1380	1433
65.0	874	958	1140	1296	1353
67.5	773	862	1051	1212	1269
70.0	670	767	965	1126	1189
72.5	566	670	874	1041	1102
75.0	464	573	780	953	1016
77.5	366	481	694	867	930
80.0	274	393	614	784	847
82.5	194	316	535	710	770
85.0	140	268	482	641	698
87.5	97	225	437	585	646
90.0	58	181	378	536	604
92.5	33	146	331	498	573
95.0	24	125	307	472	545
97.5	13	107	280	444	519
100.0	10	87	266	421	489
102.5	9	77	250	397	464
105.0	10	73	230	375	437
107.5	7	65	216	349	409
110.0	6	60	199	327	381
112.5	5	52	185	305	354
115.0	4	49	167	281	331
117.5	4	40	159	259	307
120.0	4	38	145	237	279
122.5	3	32	131	218	258
125.0	2	28	118	200	233
127.5	2	26	105	183	214
130.0	1	22	95	162	194
132.5	1	20	86	147	176
135.0	0	16	74	131	156
137.5	1	12	66	117	139
140.0	1	11	61	102	120
142.5	0	9	51	90	108
145.0	0	4	42	77	92
147.5	0	4	34	64	78
150.0	0	2	32	55	67
152.5	0	2	23	43	57
155.0	0	1	19	37	47
157.5	0	0	14	25	36
160.0	0	0	9	17	26
162.5	0	0	3	14	17
165.0	0	0	3	6	13
167.5	0	0	2	3	3
170.0	0	0	0	1	2
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