



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 104.00
 Distribution: Direct
 Efficiency: 63.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.604
 90-270 Axis: 1.615
 Height: 0.000
 Spacing Criteria (0): 1.05
 Spacing Criteria (90): 0.94
 Spacing Criteria (Four Luminaires): 1.14

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2601	21	33
0-40	4006	33	52
0-60	6471	53	83
0-90	7776	64	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	7776	64	100

Total Luminaire Efficiency = 64%

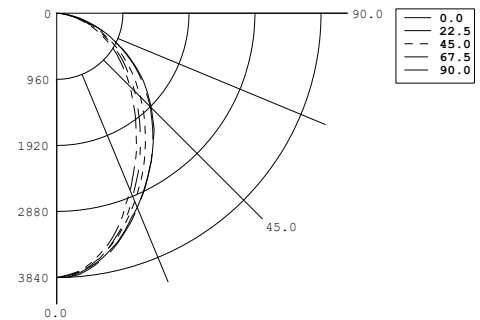
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7103	7103	7103
45.0	5077	4502	3926
55.0	4618	3979	3476
65.0	3926	3418	2985
75.0	3023	2680	2344
85.0	1655	1655	1273

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	76	76	76	74	74	74	74	71	71	71	68	68	68	65	65	65	64	
1	70	67	65	63	68	66	64	62	63	61	60	61	59	58	58	57	56	55
2	64	59	55	52	63	58	55	51	56	53	50	54	51	49	52	50	48	47
3	59	53	48	44	57	52	47	44	50	46	43	48	45	42	46	44	41	40
4	54	47	42	38	53	46	41	38	45	40	37	43	40	37	42	39	36	35
5	50	42	37	33	49	42	37	33	40	36	32	39	35	32	38	35	32	30
6	47	38	33	29	45	38	33	29	37	32	29	36	32	29	35	31	28	27
7	43	35	30	26	42	35	30	26	34	29	26	33	29	26	32	28	25	24
8	41	32	27	23	40	32	27	23	31	26	23	30	26	23	29	26	23	22
9	38	30	25	21	37	29	25	21	29	24	21	28	24	21	27	24	21	20
10	36	28	23	19	35	27	23	19	27	22	19	26	22	19	26	22	19	18





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	3840	3840	3840	3840	3840
2.5	3839	3839	3818	3818	3805
5.0	3787	3809	3774	3774	3762
7.5	3718	3740	3705	3697	3675
10.0	3641	3654	3611	3606	3563
12.5	3537	3563	3494	3490	3442
15.0	3434	3447	3378	3352	3296
17.5	3304	3317	3244	3218	3132
20.0	3166	3196	3102	3058	2942
22.5	3054	3058	2959	2882	2787
25.0	2925	2933	2813	2722	2614
27.5	2795	2808	2674	2571	2459
30.0	2674	2670	2532	2411	2312
32.5	2554	2549	2381	2260	2148
35.0	2424	2416	2243	2114	2002
37.5	2304	2291	2105	1976	1872
40.0	2200	2165	1976	1838	1734
42.5	2062	2036	1842	1713	1613
45.0	1941	1920	1721	1600	1501
47.5	1812	1782	1587	1475	1389
50.0	1691	1648	1475	1355	1277
52.5	1570	1531	1355	1255	1173
55.0	1432	1406	1234	1147	1078
57.5	1294	1277	1122	1044	984
60.0	1165	1147	1005	949	889
62.5	1018	1018	897	845	776
65.0	897	893	781	742	682
67.5	794	794	690	660	604
70.0	656	651	582	539	492
72.5	535	539	475	453	414
75.0	423	436	375	362	328
77.5	336	341	293	293	267
80.0	224	233	190	190	173
82.5	147	168	129	138	121
85.0	78	91	78	78	60
87.5	0	17	9	13	9
90.0	0	0	0	0	0