



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 109.00
 Distribution: Direct
 Efficiency: 70.9
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.770
 90-270 Axis: 1.730
 Height: 0.000
 Spacing Criteria (0): 1.06
 Spacing Criteria (90): 0.90
 Spacing Criteria (Four Luminaires): 1.10

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2995	25	35
0-40	4556	37	53
0-60	7240	59	84
0-90	8650	71	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	8650	71	100

Total Luminaire Efficiency = 71%

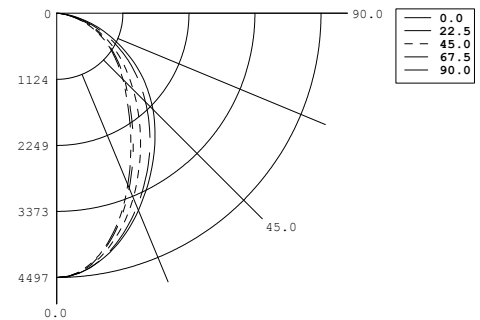
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7422	7422	7422
45.0	5403	4290	3713
55.0	4932	3781	3309
65.0	4241	3288	2933
75.0	3360	2583	2340
85.0	1685	1155	1136

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	85	85	85	83	83	83	83	79	79	79	76	76	76	73	73	73	71
1	78	75	72	70	76	73	71	69	71	68	67	68	66	65	65	64	63
2	72	66	62	58	70	65	61	57	63	59	56	60	57	55	58	56	54
3	66	59	54	49	64	58	53	49	56	52	48	54	50	47	52	49	46
4	61	53	47	43	59	52	46	42	50	45	42	48	44	41	47	43	41
5	56	48	42	37	55	47	41	37	45	40	37	44	40	36	43	39	36
6	52	43	37	33	51	43	37	33	41	36	33	40	36	32	39	35	32
7	49	39	34	29	47	39	33	29	38	33	29	37	32	29	36	32	29
8	45	36	31	27	44	36	30	27	35	30	26	34	30	26	33	29	26
9	43	34	28	24	42	33	28	24	32	27	24	32	27	24	31	27	24
10	40	31	26	22	39	31	26	22	30	25	22	29	25	22	29	25	22





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4497	4497	4497	4497	4497
2.5	4479	4483	4473	4489	4480
5.0	4438	4438	4426	4430	4420
7.5	4367	4365	4336	4331	4312
10.0	4275	4269	4223	4191	4173
12.5	4171	4152	4085	4027	4004
15.0	4051	4018	3927	3848	3812
17.5	3919	3873	3765	3647	3607
20.0	3778	3722	3587	3436	3384
22.5	3630	3564	3402	3221	3157
25.0	3476	3406	3209	3006	2939
27.5	3331	3239	3017	2799	2719
30.0	3183	3082	2835	2602	2520
32.5	3034	2921	2651	2411	2329
35.0	2888	2765	2476	2226	2150
37.5	2742	2600	2305	2057	1987
40.0	2598	2443	2141	1904	1842
42.5	2457	2288	1990	1764	1711
45.0	2315	2132	1838	1641	1591
47.5	2165	1983	1697	1519	1472
50.0	2015	1838	1563	1404	1358
52.5	1868	1690	1438	1293	1252
55.0	1714	1546	1314	1185	1150
57.5	1556	1404	1195	1083	1053
60.0	1395	1254	1077	981	960
62.5	1237	1115	958	882	856
65.0	1086	973	842	782	751
67.5	941	839	730	677	652
70.0	802	710	625	574	556
72.5	663	581	510	471	461
75.0	527	461	405	373	367
77.5	399	346	304	286	281
80.0	281	240	214	199	195
82.5	173	146	129	122	123
85.0	89	68	61	57	60
87.5	33	16	21	15	20
90.0	0	0	0	0	0