



Photometric Report

Number of lamps: 3
 Lumens per lamp: 3050.00
 Input watts: 85.00
 Distribution: Direct
 Efficiency: 74.2
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.760
 90-270 Axis: 1.730
 Height: 0.000
 Spacing Criteria (0): 1.09
 Spacing Criteria (90): 1.01
 Spacing Criteria (Four Luminaires): 1.18

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2231	24	33
0-40	3470	38	51
0-60	5644	62	83
0-90	6786	74	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	6786	74	100

Total Luminaire Efficiency = 74%

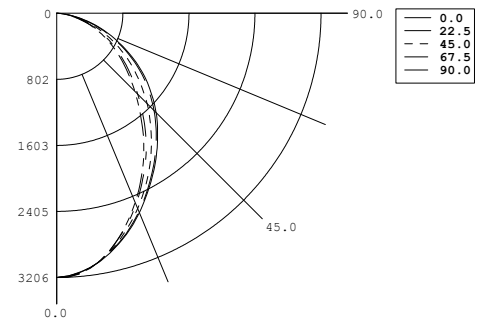
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	5305	5305	5305
45.0	3988	3625	3134
55.0	3687	3211	2709
65.0	3211	2768	2357
75.0	2589	2123	1880
85.0	1291	1006	873

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	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0.1	0.0
RCR																	
0	88	88	88	88	86	86	86	86	83	83	83	79	79	79	76	76	74
1	82	78	75	73	80	77	74	72	74	71	69	71	69	67	68	67	65
2	75	69	64	60	73	68	63	60	65	61	58	63	60	57	60	58	54
3	69	61	56	51	67	60	55	51	58	53	50	56	52	49	54	51	48
4	63	55	48	44	61	54	48	43	52	47	43	50	46	42	49	45	40
5	58	49	43	38	57	48	42	38	47	42	38	45	41	37	44	40	37
6	54	45	38	34	53	44	38	34	43	37	33	41	37	33	40	36	33
7	50	41	34	30	49	40	34	30	39	34	30	38	33	30	37	33	29
8	47	37	31	27	46	37	31	27	36	31	27	35	30	27	34	30	26
9	44	34	28	25	43	34	28	24	33	28	24	32	28	24	32	27	24
10	41	32	26	22	40	31	26	22	31	26	22	30	25	22	29	25	21





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	3206	3206	3206	3206	3206
2.5	3189	3190	3193	3201	3203
5.0	3155	3160	3163	3175	3169
7.5	3112	3113	3112	3122	3121
10.0	3052	3051	3045	3044	3044
12.5	2980	2974	2961	2954	2952
15.0	2898	2889	2872	2848	2846
17.5	2813	2802	2771	2742	2731
20.0	2718	2704	2671	2630	2608
22.5	2618	2604	2565	2509	2483
25.0	2513	2501	2453	2387	2358
27.5	2410	2394	2341	2261	2225
30.0	2309	2289	2229	2140	2097
32.5	2208	2186	2115	2016	1964
35.0	2105	2081	1999	1887	1834
37.5	2004	1978	1883	1758	1697
40.0	1901	1877	1768	1629	1571
42.5	1806	1771	1658	1510	1451
45.0	1704	1668	1549	1388	1339
47.5	1598	1560	1434	1279	1229
50.0	1488	1455	1323	1176	1126
52.5	1387	1351	1215	1078	1031
55.0	1278	1242	1113	983	939
57.5	1165	1130	1011	888	853
60.0	1050	1018	905	802	765
62.5	933	908	805	718	685
65.0	820	797	707	630	602
67.5	715	690	612	546	521
70.0	610	587	517	465	446
72.5	507	483	425	380	367
75.0	405	382	332	303	294
77.5	306	288	253	229	222
80.0	216	202	176	162	155
82.5	134	121	107	96	98
85.0	68	54	53	44	46
87.5	24	15	18	10	16
90.0	0	0	0	0	0