



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 199.00
 Distribution: Direct
 Efficiency: 67.3
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.770
 90-270 Axis: 1.750
 Height: 0.000
 Spacing Criteria (0): 1.10
 Spacing Criteria (90): 1.03
 Spacing Criteria (Four Luminaires): 1.20

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3284	21	32
0-40	5142	33	50
0-60	8521	55	82
0-90	10359	67	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	10359	67	100

Total Luminaire Efficiency = 67%

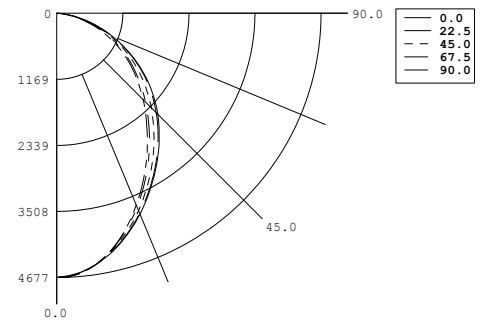
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7631	7631	7631
45.0	5831	5464	4984
55.0	5393	5006	4528
65.0	4725	4451	3988
75.0	3795	3524	3146
85.0	1947	1703	1572

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	80	80	80	80	78	78	78	78	75	75	72	72	72	69	69	69	67
1	74	71	68	66	72	69	67	65	67	65	63	64	62	61	62	60	58
2	68	62	58	54	66	61	57	54	59	55	52	57	54	51	54	52	49
3	62	55	50	46	60	54	49	45	52	48	45	50	47	44	49	46	43
4	57	49	43	39	55	48	43	39	47	42	38	45	41	38	44	40	37
5	52	44	38	34	51	43	38	34	42	37	33	41	36	33	39	36	33
6	49	40	34	30	47	39	34	30	38	33	30	37	33	29	36	32	29
7	45	36	31	27	44	36	30	27	35	30	26	34	29	26	33	29	26
8	42	33	28	24	41	33	28	24	32	27	24	31	27	24	30	26	23
9	40	31	25	22	39	30	25	22	30	25	22	29	25	21	28	24	20
10	37	28	23	20	36	28	23	20	27	23	20	27	23	20	26	22	19





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4677	4677	4677	4677	4677
2.5	4652	4657	4656	4672	4674
5.0	4613	4613	4612	4627	4626
7.5	4548	4548	4544	4554	4553
10.0	4462	4458	4448	4452	4450
12.5	4361	4355	4340	4330	4327
15.0	4246	4235	4210	4190	4183
17.5	4120	4108	4076	4036	4022
20.0	3988	3972	3933	3878	3852
22.5	3848	3833	3781	3712	3675
25.0	3702	3684	3621	3542	3498
27.5	3554	3533	3458	3368	3320
30.0	3407	3385	3303	3201	3146
32.5	3261	3239	3143	3028	2970
35.0	3114	3088	2984	2861	2793
37.5	2969	2939	2826	2690	2623
40.0	2818	2787	2668	2528	2463
42.5	2673	2639	2513	2371	2313
45.0	2527	2485	2368	2219	2160
47.5	2375	2333	2211	2067	2009
50.0	2217	2180	2059	1917	1866
52.5	2061	2026	1910	1783	1729
55.0	1896	1868	1760	1642	1592
57.5	1729	1709	1610	1502	1455
60.0	1560	1540	1455	1359	1317
62.5	1391	1373	1305	1218	1173
65.0	1224	1211	1153	1076	1033
67.5	1063	1048	1002	936	892
70.0	908	880	855	796	760
72.5	751	733	704	654	628
75.0	602	583	559	520	499
77.5	455	438	424	394	379
80.0	321	308	295	272	264
82.5	200	189	184	166	166
85.0	104	92	91	77	84
87.5	36	28	31	23	26
90.0	0	0	0	0	0