



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 229.00
 Distribution: Direct
 Efficiency: 63.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.650
 90-270 Axis: 1.650
 Height: 0.000
 Spacing Criteria (0): 1.09
 Spacing Criteria (90): 1.02
 Spacing Criteria (Four Luminaires): 1.19

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3152	20	32
0-40	4920	32	50
0-60	8103	53	83
0-90	9817	64	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9817	64	100

Total Luminaire Efficiency = 64%

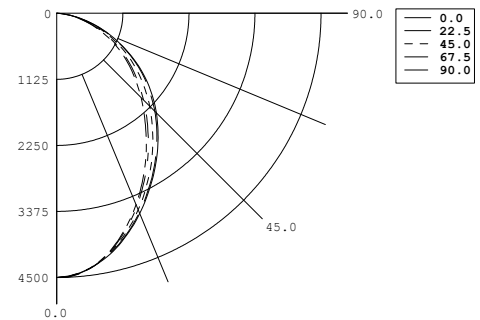
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	8043	8043	8043
45.0	6061	5657	5128
55.0	5593	5145	4605
65.0	4872	4534	4043
75.0	3895	3577	3225
85.0	1989	1743	1559

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





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4500	4500	4500	4500	4500
2.5	4480	4485	4481	4499	4491
5.0	4440	4446	4444	4452	4450
7.5	4381	4383	4373	4382	4378
10.0	4296	4294	4285	4285	4278
12.5	4203	4192	4179	4168	4157
15.0	4090	4075	4052	4028	4013
17.5	3959	3947	3918	3881	3856
20.0	3831	3814	3777	3724	3697
22.5	3690	3671	3622	3562	3528
25.0	3548	3528	3471	3390	3352
27.5	3400	3376	3309	3221	3177
30.0	3258	3237	3155	3057	3002
32.5	3116	3089	3002	2888	2830
35.0	2970	2941	2842	2718	2657
37.5	2827	2793	2686	2550	2486
40.0	2682	2649	2530	2394	2328
42.5	2538	2505	2382	2236	2175
45.0	2398	2360	2238	2088	2029
47.5	2252	2207	2088	1937	1884
50.0	2101	2059	1938	1798	1744
52.5	1952	1914	1794	1662	1612
55.0	1795	1767	1651	1528	1478
57.5	1638	1611	1506	1393	1347
60.0	1474	1454	1359	1261	1219
62.5	1309	1294	1217	1127	1086
65.0	1152	1135	1072	996	956
67.5	1002	980	930	863	829
70.0	855	834	793	732	702
72.5	711	691	651	607	583
75.0	564	545	518	482	467
77.5	430	411	392	364	354
80.0	304	286	276	257	251
82.5	189	176	170	155	155
85.0	97	86	85	75	76
87.5	34	22	26	16	23
90.0	0	0	0	0	0