



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 252.00
 Distribution: Direct
 Efficiency: 66.4
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.829
 90-270 Axis: 1.782
 Height: 0.000
 Spacing Criteria (0): 1.21
 Spacing Criteria (90): 1.29
 Spacing Criteria (Four Luminaires): 1.41

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2679	17	26
0-40	4406	29	43
0-60	8018	52	78
0-90	10229	66	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	10229	66	100

Total Luminaire Efficiency = 66%

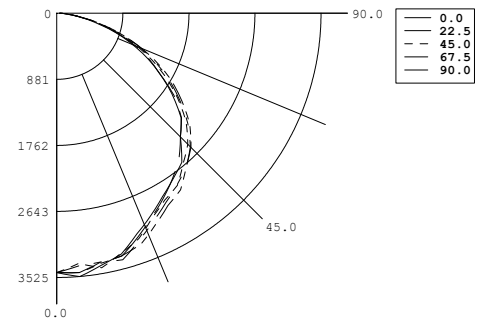
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	5458	5458	5458
45.0	5202	5513	5644
55.0	5155	5408	5599
65.0	4706	5005	5268
75.0	3734	4110	4210
85.0	2609	2699	2776

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	0.0			
RCR																		
0	79	79	79	79	77	77	77	77	74	74	71	71	71	68	68	67		
1	72	69	66	64	71	68	65	63	65	63	61	62	60	59	60	58	57	56
2	66	60	56	52	64	59	55	51	57	53	50	54	51	49	52	50	48	46
3	60	53	47	43	58	52	46	42	50	45	42	48	44	41	46	43	40	39
4	55	47	41	36	53	46	40	36	44	39	35	42	38	35	41	37	34	33
5	50	41	35	31	49	41	35	31	39	34	30	38	34	30	37	33	30	28
6	46	37	31	27	45	37	31	27	35	30	26	34	30	26	33	29	26	25
7	43	34	28	24	42	33	28	24	32	27	23	31	27	23	30	26	23	22
8	40	31	25	21	39	30	25	21	29	24	21	29	24	21	28	24	21	19
9	37	28	23	19	36	28	22	19	27	22	19	26	22	19	26	21	19	17
10	35	26	21	17	34	26	20	17	25	20	17	24	20	17	24	20	17	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	3459	3459	3459	3459	3459
5.0	3525	3472	3349	3382	3471
10.0	3414	3370	3447	3369	3387
15.0	3324	3353	3314	3403	3349
20.0	3128	3172	3199	3219	3279
25.0	2973	2998	3009	3055	3112
30.0	2821	2846	2879	2913	2962
35.0	2700	2691	2804	2796	2876
40.0	2593	2534	2620	2682	2682
45.0	2331	2332	2470	2519	2529
50.0	2162	2170	2249	2280	2316
55.0	1874	1904	1966	1994	2035
60.0	1571	1566	1660	1700	1747
65.0	1260	1300	1340	1379	1411
70.0	942	970	1006	1045	1045
75.0	612	650	674	702	691
80.0	339	342	366	361	369
85.0	144	142	149	150	153
90.0	36	38	40	37	43