



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 213.00
 Distribution: Direct
 Efficiency: 51.9
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.917
 90-270 Axis: 1.229
 Height: 0.000
 Spacing Criteria (0): 1.04
 Spacing Criteria (90): 0.98
 Spacing Criteria (Four Luminaires): 1.09

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2998	19	38
0-40	4569	30	57
0-60	6929	45	87
0-90	7989	52	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	7989	52	100

Total Luminaire Efficiency = 52%

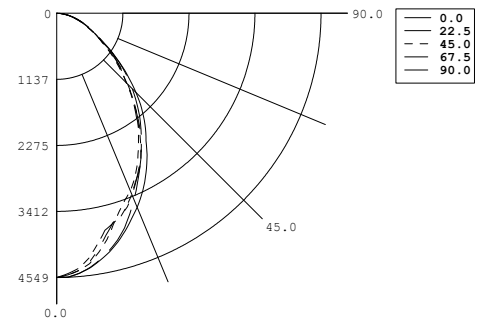
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	10171	10171	10171
45.0	6090	5400	5344
55.0	4401	4140	4140
65.0	3280	3179	3280
75.0	2617	2643	2738
85.0	2078	1975	1898

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	62	62	62	61	61	61	61	58	58	58	55	55	55	53	53	53	52	
1	57	55	53	52	56	54	52	51	52	51	49	50	49	48	48	47	46	45
2	53	49	46	43	52	48	45	43	46	44	42	45	43	41	43	42	40	39
3	49	44	40	37	48	43	40	37	42	39	36	40	38	36	39	37	35	34
4	45	40	36	32	44	39	35	32	38	34	32	37	34	31	35	33	31	30
5	42	36	32	29	41	35	31	28	34	31	28	33	30	28	32	30	28	27
6	39	33	28	25	38	32	28	25	31	28	25	30	27	25	30	27	25	24
7	36	30	26	23	36	30	26	23	29	25	23	28	25	22	27	25	22	21
8	34	28	24	21	33	27	23	21	27	23	21	26	23	20	25	22	20	19
9	32	26	22	19	31	25	21	19	25	21	19	24	21	19	24	21	19	18
10	30	24	20	17	30	23	20	17	23	20	17	23	19	17	22	19	17	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4549	4549	4549	4549	4549
2.5	4545	4549	4512	4508	4486
5.0	4493	4493	4442	4442	4405
7.5	4420	4412	4346	4320	4250
10.0	4316	4305	4176	4124	4036
12.5	4206	4180	3992	3914	3829
15.0	4073	4043	3763	3733	3741
17.5	3925	3874	3575	3649	3667
20.0	3763	3674	3424	3549	3527
22.5	3615	3475	3309	3387	3372
25.0	3453	3269	3158	3213	3202
27.5	3276	3073	2985	3044	3069
30.0	3084	2892	2796	2892	2892
32.5	2892	2708	2616	2708	2686
35.0	2678	2531	2446	2516	2486
37.5	2509	2365	2284	2298	2250
40.0	2324	2188	2103	2084	2073
42.5	2132	2011	1904	1904	1889
45.0	1926	1837	1708	1723	1690
47.5	1712	1671	1520	1546	1535
50.0	1527	1494	1361	1394	1424
52.5	1313	1324	1206	1269	1240
55.0	1129	1151	1062	1140	1062
57.5	930	985	937	963	915
60.0	812	845	826	823	812
62.5	716	730	705	723	716
65.0	620	646	601	642	620
67.5	531	553	520	557	546
70.0	450	476	446	472	465
72.5	376	398	369	406	391
75.0	303	336	306	332	317
77.5	243	262	247	262	251
80.0	192	203	181	203	184
82.5	140	144	129	144	133
85.0	81	92	77	85	74
87.5	30	37	18	37	15
90.0	0	0	0	0	0