



**Photometric Report**

Number of lamps: 6  
 Lumens per lamp: 8350.00  
 Input watts: 481.00  
 Distribution: Direct  
 Efficiency: 60.7  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 7.710  
 90-270 Axis: 1.880  
 Height: 0.000  
 Spacing Criteria (0): 1.12  
 Spacing Criteria (90): 1.05  
 Spacing Criteria (Four Luminaires): 1.23

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	9105	18	30
0-40	14390	29	47
0-60	24520	49	81
0-90	30386	61	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	30386	61	100

Total Luminaire Efficiency = 61%

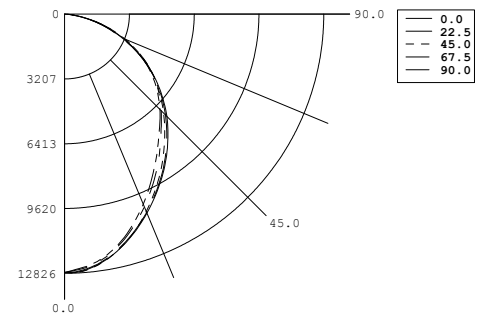
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	9493	9493	9493
45.0	7516	7272	7007
55.0	7019	6999	6848
65.0	6229	6472	6322
75.0	4961	5216	5144
85.0	2428	2616	2573

**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	72	72	72	72	71	71	71	71	68	68	68	65	65	65	62	62	61	
1	66	64	61	59	65	62	60	58	60	58	56	57	56	54	55	54	53	52
2	61	56	52	48	59	55	51	48	52	49	47	50	48	46	49	46	45	43
3	55	49	44	40	54	48	44	40	46	43	39	45	41	39	43	40	38	37
4	51	44	38	34	49	43	38	34	41	37	34	40	36	33	39	35	33	32
5	47	39	34	30	46	38	33	30	37	33	29	36	32	29	35	31	29	27
6	43	35	30	26	42	35	30	26	34	29	26	33	29	26	32	28	25	24
7	40	32	27	23	39	32	27	23	31	26	23	30	26	23	29	25	23	21
8	37	29	24	21	37	29	24	21	28	24	21	27	23	20	27	23	20	19
9	35	27	22	19	34	27	22	19	26	22	19	25	21	19	25	21	18	17
10	33	25	20	17	32	25	20	17	24	20	17	24	20	17	23	19	17	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	12784	12784	12784	12784	12784
2.5	12801	12768	12826	12690	12649
5.0	12692	12654	12715	12582	12529
7.5	12518	12485	12534	12397	12351
10.0	12291	12252	12302	12160	12099
12.5	12016	11974	12020	11855	11795
15.0	11709	11664	11692	11509	11434
17.5	11376	11332	11345	11127	11024
20.0	11018	10977	10968	10727	10605
22.5	10652	10617	10569	10317	10181
25.0	10278	10237	10159	9890	9727
27.5	9899	9852	9749	9469	9286
30.0	9527	9466	9344	9051	8853
32.5	9142	9081	8931	8629	8438
35.0	8748	8673	8515	8213	8028
37.5	8352	8268	8105	7803	7648
40.0	7952	7864	7703	7428	7307
42.5	7554	7459	7318	7088	6993
45.0	7157	7055	6924	6761	6672
47.5	6725	6644	6538	6425	6330
50.0	6292	6223	6159	6093	6001
52.5	5866	5818	5785	5749	5655
55.0	5421	5389	5406	5378	5289
57.5	4970	4948	5006	4987	4912
60.0	4510	4491	4581	4576	4501
62.5	4030	4021	4136	4158	4058
65.0	3545	3548	3683	3716	3598
67.5	3088	3074	3212	3257	3129
70.0	2630	2575	2758	2783	2683
72.5	2178	2151	2289	2303	2237
75.0	1729	1713	1818	1840	1793
77.5	1311	1286	1386	1402	1372
80.0	915	889	978	981	967
82.5	560	535	612	593	607
85.0	285	249	307	291	302
87.5	117	69	114	82	113
90.0	0	0	0	0	0