



**Photometric Report**

Number of lamps: 4  
 Lumens per lamp: 3050.00  
 Input watts: 107.00  
 Distribution: Direct  
 Efficiency: 75.8  
 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): 1.07  
 Spacing Criteria (90): 0.91  
 Spacing Criteria (Four Luminaires): 1.10

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	3156	26	34
0-40	4818	39	52
0-60	7703	63	83
0-90	9243	76	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9243	76	100

Total Luminaire Efficiency = 76%

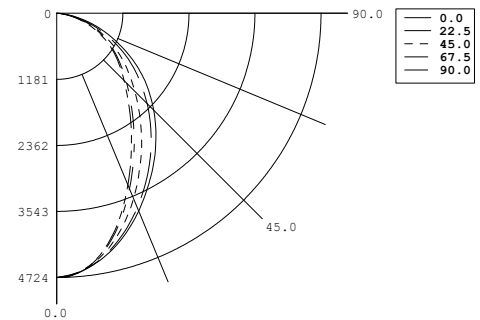
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	7707	7707	7707
45.0	5651	4541	3925
55.0	5183	4056	3581
65.0	4467	3567	3200
75.0	3536	2824	2572
85.0	1760	1310	1235

**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	90	90	90	90	88	88	88	88	84	84	84	81	81	81	78	78	78	76
1	83	80	77	75	81	78	76	73	75	73	71	72	71	69	70	68	67	65
2	76	71	66	62	75	69	65	61	67	63	60	64	61	58	62	59	57	56
3	70	63	57	52	68	62	56	52	59	55	51	57	53	50	55	52	49	48
4	65	56	50	45	63	55	49	45	53	48	44	52	47	44	50	46	43	42
5	60	51	44	39	58	50	44	39	48	43	39	47	42	38	45	41	38	36
6	56	46	40	35	54	45	39	35	44	39	34	43	38	34	42	37	34	32
7	52	42	36	31	50	41	35	31	40	35	31	39	34	31	38	34	30	29
8	48	39	32	28	47	38	32	28	37	32	28	36	31	28	35	31	28	26
9	45	36	30	26	44	35	29	26	34	29	25	34	29	25	33	28	25	24
10	43	33	27	23	42	33	27	23	32	27	23	31	27	23	31	26	23	22





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4724	4724	4724	4724	4724
2.5	4689	4699	4699	4713	4715
5.0	4645	4650	4642	4649	4651
7.5	4570	4573	4553	4549	4546
10.0	4482	4471	4434	4411	4402
12.5	4374	4352	4299	4245	4221
15.0	4254	4216	4136	4054	4017
17.5	4118	4072	3962	3840	3790
20.0	3976	3919	3780	3617	3554
22.5	3826	3763	3586	3394	3318
25.0	3671	3598	3390	3176	3093
27.5	3516	3431	3189	2964	2875
30.0	3364	3268	3005	2767	2669
32.5	3214	3102	2821	2569	2476
35.0	3062	2936	2632	2384	2295
37.5	2906	2770	2462	2208	2125
40.0	2754	2605	2289	2046	1970
42.5	2601	2444	2126	1902	1828
45.0	2449	2281	1968	1766	1701
47.5	2294	2120	1824	1638	1580
50.0	2139	1960	1687	1516	1468
52.5	1987	1814	1558	1405	1363
55.0	1822	1660	1426	1296	1259
57.5	1656	1509	1300	1190	1156
60.0	1488	1351	1177	1080	1049
62.5	1316	1198	1050	971	938
65.0	1157	1050	924	860	829
67.5	1000	906	804	754	720
70.0	849	759	682	638	615
72.5	706	632	561	530	511
75.0	561	504	448	422	408
77.5	425	375	337	323	313
80.0	297	262	233	222	216
82.5	185	160	145	137	133
85.0	94	76	70	62	66
87.5	34	21	24	17	19
90.0	0	0	0	0	0