



**Photometric Report**

Number of lamps: 1  
 Lumens per lamp: 40000.00  
 Input watts: 400.00  
 Distribution: Semi-Direct  
 Efficiency: 60.3  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 1.667  
 90-270 Axis: 1.667  
 Height: 0.000  
 Spacing Criteria (0): 2.63  
 Spacing Criteria (90): 1.18  
 Spacing Criteria (Four Luminaires): 1.57

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	3238	8	13
0-40	5529	14	23
0-60	11285	28	47
0-90	20224	51	84
90-120	3834	10	16
90-150	3912	10	16
90-180	3912	10	16
0-180	24135	60	100

Total Luminaire Efficiency = 60%

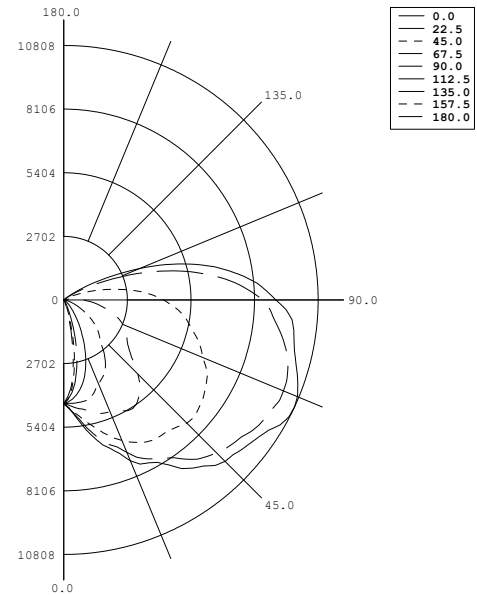
**Luminance Data in candela/square meter**

	0.0	45.0	90.0	135.0	180.0
0.0	17069	17069	17069	17069	17069
45.0	53122	40540	11710	208	0
55.0	68434	48863	9661	0	0
65.0	99095	60999	6143	0	0
75.0	152797	86654	3384	0	0
85.0	432985	216826	667	0	0

**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	0.7	0.5	0.3	0.1							
RCR	0	70	70	70	67	67	67	67	62	62	62	57	57	57	53	53	53	51	
	1	60	56	52	49	58	54	50	47	49	47	44	45	43	41	41	40	38	36
	2	54	47	42	37	51	45	40	36	41	37	34	38	34	32	35	32	29	27
	3	48	40	35	30	46	39	33	29	35	31	27	32	29	25	30	26	24	22
	4	44	35	29	24	41	34	28	24	31	26	22	28	24	21	26	22	20	18
	5	40	31	25	20	38	30	24	20	27	23	19	25	21	18	23	19	17	15
	6	37	28	22	17	35	27	21	17	25	20	16	23	18	15	21	17	14	13
	7	34	25	19	15	32	24	19	15	22	17	14	20	16	13	19	15	12	11
	8	31	23	17	13	30	22	17	13	20	16	12	19	15	12	17	14	11	10
	9	29	21	15	12	28	20	15	12	18	14	11	17	13	10	16	12	10	9
	10	27	19	14	11	26	18	14	10	17	13	10	16	12	9	15	11	9	8





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	4405	4405	4405	4405	4405	4405	4405	4405	4405
2.5	4591	4576	4568	4463	4395	4335	4230	4192	4094
5.0	4862	4817	4764	4561	4410	4230	3959	3838	3688
7.5	5223	5118	4967	4651	4403	4079	3598	3259	3026
10.0	5630	5487	5216	4711	4395	3891	3101	2619	2258
12.5	5991	5818	5449	4817	4380	3665	2619	1964	1520
15.0	6367	6157	5712	4952	4298	3394	2062	1279	933
17.5	6623	6443	5983	5065	4185	3071	1528	820	542
20.0	6939	6646	6239	5110	4004	2740	1031	497	301
22.5	7391	7007	6458	5140	3861	2378	700	286	196
25.0	7692	7376	6661	5201	3748	2062	474	188	135
27.5	7797	7609	6819	5314	3643	1693	331	135	105
30.0	7963	7790	6969	5434	3507	1430	241	105	75
32.5	8309	7963	7060	5464	3304	1174	166	75	60
35.0	8746	8181	7090	5389	3063	926	98	60	45
37.5	9001	8527	7097	5231	2800	738	83	45	30
40.0	9212	8828	7158	5050	2499	580	68	30	15
42.5	9528	9017	7263	4779	2296	452	45	15	15
45.0	9694	9182	7398	4441	2137	354	38	15	0
47.5	9739	9333	7436	4102	1987	286	23	0	0
50.0	9875	9438	7391	3748	1821	226	15	0	0
52.5	9995	9536	7308	3515	1618	173	0	0	0
55.0	10130	9732	7233	3319	1430	128	0	0	0
57.5	10311	9859	7112	3191	1227	98	0	0	0
60.0	10612	9927	6999	3093	1016	75	0	0	0
62.5	10778	10002	6879	3011	843	38	0	0	0
65.0	10808	10115	6653	2875	670	15	0	0	0
67.5	10748	10108	6382	2725	534	0	0	0	0
70.0	10582	10078	6217	2544	406	0	0	0	0
72.5	10401	9980	6029	2356	309	0	0	0	0
75.0	10206	9867	5788	2160	226	0	0	0	0
77.5	10040	9671	5547	1904	151	0	0	0	0
80.0	9935	9453	5351	1663	98	0	0	0	0
82.5	9859	9205	5148	1453	53	0	0	0	0
85.0	9739	8956	4877	1242	15	0	0	0	0
87.5	9453	8761	4531	1016	0	0	0	0	0
90.0	9009	8471	4249	805	0	0	0	0	0
92.5	8640	7985	3891	632	0	0	0	0	0
95.0	8249	7481	3507	474	0	0	0	0	0
97.5	7707	6894	3063	331	0	0	0	0	0
100.0	7135	6217	2574	218	0	0	0	0	0
102.5	6533	5539	2115	128	0	0	0	0	0
105.0	5840	4794	1656	53	0	0	0	0	0
107.5	5088	4004	1279	15	0	0	0	0	0
110.0	4320	3266	933	0	0	0	0	0	0
112.5	3507	2476	655	0	0	0	0	0	0
115.0	2694	1844	437	0	0	0	0	0	0
117.5	1972	1310	241	0	0	0	0	0	0
120.0	1415	873	113	0	0	0	0	0	0
122.5	933	519	15	0	0	0	0	0	0
125.0	542	263	0	0	0	0	0	0	0
127.5	301	90	0	0	0	0	0	0	0
130.0	120	8	0	0	0	0	0	0	0
132.5	15	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0	0	0
145.0	0	0	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0
152.5	0	0	0	0	0	0	0	0	0
155.0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0