



# Photometric Report

Number of lamps: 6  
 Lumens per lamp: 3050.00  
 Input watts: 153.00  
 Distribution: Semi-Direct  
 Efficiency: 71.7  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 7.980  
 90-270 Axis: 0.750  
 Height: 0.167  
 Spacing Criteria (0): 1.23  
 Spacing Criteria (90): 1.32  
 Spacing Criteria (Four Luminaires): 1.40

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2857	16	22
0-40	4707	26	36
0-60	8528	47	65
0-90	11812	65	90
90-120	1014	6	8
90-150	1294	7	10
90-180	1313	7	10
0-180	13126	72	100

Total Luminaire Efficiency = 72%

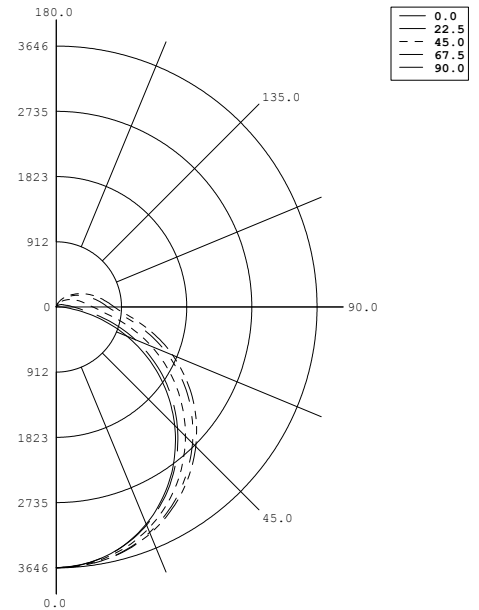
### Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6554	6554	6554
45.0	5832	5539	5737
55.0	5486	5247	5576
65.0	4957	4885	5415
75.0	3996	4424	5275
85.0	2614	4337	5489

### 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	84	84	84	84	81	81	81	81	76	76	76	71	71	71	67	67	65	
1	75	71	68	65	73	69	66	63	65	62	60	61	59	57	57	55	54	
2	68	62	56	52	65	60	55	51	56	52	48	52	49	46	49	47	44	
3	62	54	48	43	59	52	46	42	49	44	40	46	42	38	43	40	37	
4	56	47	41	36	54	46	40	35	43	38	34	41	36	33	38	35	30	
5	52	42	35	31	50	41	35	30	39	33	29	36	32	28	34	30	27	
6	48	38	31	26	46	37	31	26	35	29	25	33	28	25	31	27	24	
7	44	34	28	23	42	33	27	23	32	26	22	30	25	22	28	24	19	
8	41	31	25	21	39	30	24	20	29	24	20	27	23	19	26	22	19	
9	38	29	23	18	37	28	22	18	26	21	18	25	21	17	24	20	17	
10	36	26	21	17	35	26	20	16	24	19	16	23	19	16	22	18	15	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	3644	3644	3644	3644	3644
2.5	3639	3636	3639	3646	3640
5.0	3626	3621	3629	3637	3634
7.5	3602	3600	3610	3626	3622
10.0	3570	3569	3588	3606	3605
12.5	3530	3533	3554	3579	3583
15.0	3483	3484	3516	3547	3554
17.5	3424	3431	3472	3508	3519
20.0	3358	3369	3416	3462	3474
22.5	3284	3300	3358	3410	3430
25.0	3205	3222	3289	3352	3374
27.5	3115	3136	3217	3286	3315
30.0	3021	3049	3137	3218	3249
32.5	2921	2953	3053	3144	3181
35.0	2818	2850	2964	3061	3103
37.5	2704	2743	2867	2976	3024
40.0	2584	2632	2764	2884	2939
42.5	2466	2515	2662	2790	2849
45.0	2341	2396	2553	2693	2758
47.5	2210	2273	2440	2591	2658
50.0	2077	2145	2322	2483	2559
52.5	1942	2017	2205	2375	2452
55.0	1802	1885	2085	2265	2344
57.5	1660	1753	1962	2151	2235
60.0	1515	1612	1831	2030	2118
62.5	1365	1470	1703	1912	2000
65.0	1217	1331	1572	1788	1880
67.5	1068	1191	1440	1666	1761
70.0	921	1051	1312	1540	1641
72.5	767	909	1177	1412	1516
75.0	620	768	1046	1286	1390
77.5	475	634	923	1163	1267
80.0	345	510	801	1048	1151
82.5	226	395	695	937	1041
85.0	157	332	624	841	943
87.5	103	277	565	765	863
90.0	62	238	510	716	810
92.5	44	209	471	680	767
95.0	33	187	439	643	725
97.5	20	166	407	606	684
100.0	18	138	378	571	649
102.5	18	125	355	537	610
105.0	16	110	333	506	573
107.5	14	106	308	473	537
110.0	12	95	290	441	504
112.5	10	88	267	412	469
115.0	10	79	248	384	436
117.5	9	74	228	358	407
120.0	6	65	207	329	375
122.5	6	61	192	302	344
125.0	6	54	175	278	313
127.5	5	49	159	253	287
130.0	5	44	146	226	264
132.5	3	36	130	207	235
135.0	0	33	117	188	213
137.5	1	31	105	165	191
140.0	0	27	94	148	170
142.5	2	21	78	131	151
145.0	3	18	69	113	131
147.5	1	15	61	100	115
150.0	2	9	51	84	98
152.5	1	7	41	70	80
155.0	0	6	34	57	71
157.5	0	4	27	47	54
160.0	0	1	21	34	45
162.5	0	1	16	26	33
165.0	3	1	9	19	21
167.5	0	0	6	10	15
170.0	1	0	2	5	5
172.5	0	0	0	1	0
175.0	0	0	0	0	0
177.5	1	0	0	0	0
180.0	0	0	0	0	0