



**Photometric Report**

Number of lamps: 4  
 Lumens per lamp: 8350.00  
 Input watts: 110.00  
 Distribution: Semi-Direct  
 Efficiency: 75.4  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 7.960  
 90-270 Axis: 1.000  
 Height: 0.170  
 Spacing Criteria (0): 1.23  
 Spacing Criteria (90): 1.34  
 Spacing Criteria (Four Luminaires): 1.41

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	5196	16	21
0-40	8582	26	34
0-60	15596	47	62
0-90	22167	66	88
90-120	2249	7	9
90-150	2946	9	12
90-180	3007	9	12
0-180	25174	75	100

Total Luminaire Efficiency = 75%

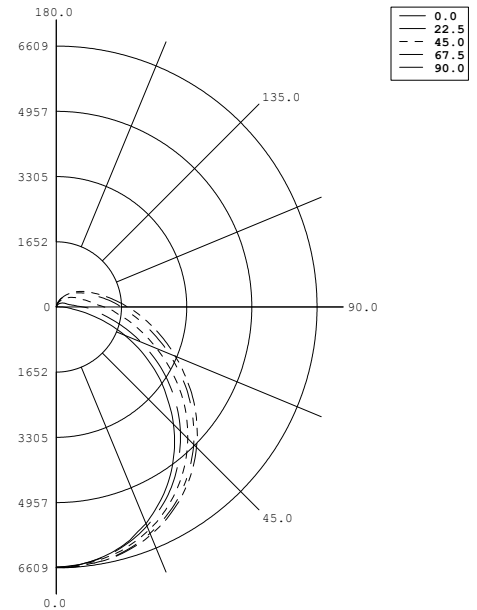
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	8919	8919	8919
45.0	7858	7932	8212
55.0	7358	7650	8087
65.0	6554	7366	8113
75.0	5250	7495	8695
85.0	3816	9060	11002

**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	88	88	88	88	85	85	85	85	79	79	79	74	74	74	69	69	69	67
1	78	74	70	67	75	72	68	65	67	64	61	62	60	58	58	56	55	52
2	71	64	58	53	68	62	56	52	57	53	49	54	50	47	50	47	45	42
3	64	56	49	44	61	54	48	43	50	45	41	47	43	39	44	40	37	35
4	59	49	42	37	56	47	41	36	44	39	34	41	37	33	39	35	32	30
5	54	44	37	31	51	42	36	31	40	34	30	37	32	28	35	31	27	25
6	49	39	32	27	47	38	31	27	36	30	26	33	29	25	31	27	24	22
7	46	35	29	24	44	34	28	23	32	27	23	30	26	22	29	24	21	19
8	43	32	26	21	41	31	25	21	30	24	20	28	23	19	26	22	19	17
9	40	29	23	19	38	29	23	19	27	22	18	26	21	17	24	20	17	15
10	37	27	21	17	36	26	21	17	25	20	16	24	19	16	23	18	15	14





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	6596	6596	6596	6596	6596
2.5	6587	6572	6589	6609	6604
5.0	6561	6554	6563	6595	6598
7.5	6511	6511	6534	6572	6563
10.0	6456	6468	6497	6540	6546
12.5	6385	6407	6445	6500	6514
15.0	6298	6321	6390	6442	6462
17.5	6195	6229	6304	6375	6402
20.0	6051	6125	6220	6297	6338
22.5	5941	6008	6120	6209	6252
25.0	5783	5872	6014	6106	6160
27.5	5622	5734	5884	5996	6054
30.0	5458	5587	5746	5878	5932
32.5	5274	5423	5601	5749	5815
35.0	5080	5244	5438	5599	5670
37.5	4870	5054	5274	5443	5527
40.0	4657	4856	5098	5274	5369
42.5	4433	4654	4905	5101	5201
45.0	4197	4448	4709	4925	5024
47.5	3960	4226	4507	4735	4847
50.0	3693	4001	4304	4530	4649
52.5	3458	3766	4093	4338	4462
55.0	3216	3529	3872	4125	4263
57.5	2950	3290	3648	3924	4064
60.0	2677	3051	3417	3707	3854
62.5	2418	2801	3195	3491	3652
65.0	2142	2554	2970	3288	3460
67.5	1877	2320	2755	3089	3258
70.0	1606	2084	2548	2901	3080
72.5	1341	1857	2346	2709	2896
75.0	1085	1632	2159	2525	2720
77.5	835	1425	1975	2357	2554
80.0	614	1241	1808	2190	2387
82.5	415	1071	1618	2035	2231
85.0	306	951	1487	1883	2087
87.5	215	831	1375	1750	1946
90.0	130	670	1214	1636	1802
92.5	91	532	1071	1546	1689
95.0	72	464	985	1440	1572
97.5	47	396	901	1336	1459
100.0	40	340	838	1238	1362
102.5	31	311	778	1149	1267
105.0	29	288	714	1071	1183
107.5	29	274	666	1002	1100
110.0	32	256	630	934	1022
112.5	29	242	592	875	959
115.0	23	231	553	820	899
117.5	17	216	524	769	846
120.0	23	201	486	714	794
122.5	17	193	454	668	735
125.0	15	176	426	625	683
127.5	9	164	392	576	636
130.0	11	156	366	535	584
132.5	3	133	337	490	532
135.0	3	127	311	455	492
137.5	3	118	283	409	446
140.0	3	104	262	375	406
142.5	0	97	237	343	366
145.0	0	78	207	306	320
147.5	0	72	182	271	288
150.0	0	61	164	239	256
152.5	0	46	135	207	225
155.0	0	35	109	176	190
157.5	0	26	95	147	156
160.0	0	17	69	116	127
162.5	0	3	58	90	101
165.0	0	0	28	64	69
167.5	0	0	11	37	46
170.0	0	0	0	15	20
172.5	0	0	0	3	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0