



Photometric Report

Number of lamps: 2
 Lumens per lamp: 3050.00
 Input watts: 54.00
 Distribution: Semi-Direct
 Efficiency: 76.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.980
 90-270 Axis: 0.750
 Height: 0.167
 Spacing Criteria (0): 1.21
 Spacing Criteria (90): 1.35
 Spacing Criteria (Four Luminaires): 1.41

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	987	16	21
0-40	1631	27	35
0-60	2975	49	64
0-90	4194	69	90
90-120	388	6	8
90-150	480	8	10
90-180	484	8	10
0-180	4678	77	100

Total Luminaire Efficiency = 77%

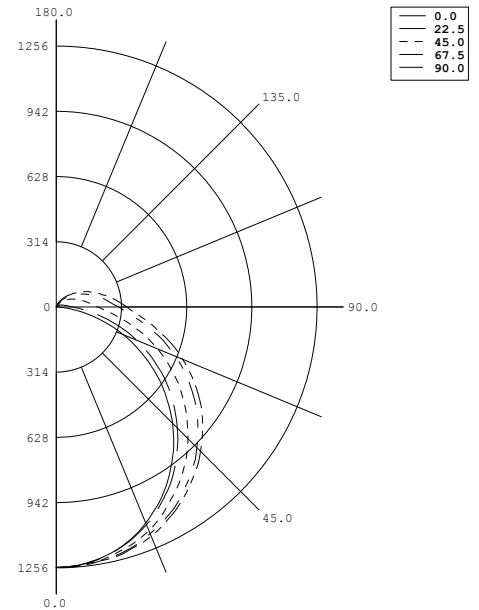
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4522	4522	4522
45.0	3876	3853	4096
55.0	3577	3666	4074
65.0	3131	3483	4037
75.0	2349	3232	4079
85.0	811	3229	4552

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	89	89	89	89	86	86	86	86	81	81	81	76	76	76	71	71	71	69
1	80	76	72	69	77	73	70	67	69	66	63	64	62	60	60	58	57	54
2	72	65	60	55	69	63	58	53	59	55	51	55	52	49	52	49	46	44
3	66	57	50	45	63	55	49	44	52	46	42	48	44	40	45	42	39	37
4	60	50	43	38	57	49	42	37	46	40	36	43	38	34	40	36	33	31
5	55	45	37	32	53	43	37	32	41	35	30	38	33	29	36	32	28	26
6	51	40	33	28	49	39	32	27	37	31	26	35	30	26	33	28	25	23
7	47	36	29	24	45	35	29	24	33	27	23	31	26	23	30	25	22	20
8	44	33	26	22	42	32	26	21	30	25	21	29	24	20	27	23	20	18
9	41	30	24	19	39	29	23	19	28	22	19	27	22	18	25	21	18	16
10	38	28	22	17	37	27	21	17	26	20	17	25	20	16	23	19	16	15





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1254	1254	1254	1254	1254
2.5	1253	1252	1252	1252	1256
5.0	1249	1248	1252	1249	1252
7.5	1238	1241	1244	1246	1248
10.0	1228	1230	1239	1241	1241
12.5	1214	1216	1226	1234	1239
15.0	1198	1199	1213	1225	1231
17.5	1177	1181	1201	1214	1218
20.0	1154	1158	1184	1200	1209
22.5	1126	1135	1166	1181	1195
25.0	1096	1110	1143	1165	1178
27.5	1067	1079	1117	1145	1157
30.0	1033	1048	1087	1126	1139
32.5	997	1018	1061	1101	1115
35.0	958	982	1033	1072	1092
37.5	919	944	1001	1048	1066
40.0	880	905	969	1019	1040
42.5	835	866	934	992	1014
45.0	792	824	897	957	982
47.5	745	782	857	925	953
50.0	696	739	820	890	918
52.5	652	696	780	855	887
55.0	603	652	739	819	854
57.5	551	607	701	780	816
60.0	501	558	656	742	778
62.5	449	512	614	702	739
65.0	400	462	572	663	699
67.5	349	416	527	622	658
70.0	299	373	484	578	620
72.5	245	322	443	541	579
75.0	195	277	394	498	536
77.5	148	232	356	455	494
80.0	102	191	312	418	461
82.5	61	154	280	381	422
85.0	29	121	245	348	390
87.5	8	95	221	321	359
90.0	0	79	200	299	340
92.5	0	64	179	277	319
95.0	0	59	168	259	301
97.5	0	52	157	245	282
100.0	0	44	146	232	266
102.5	0	39	135	214	249
105.0	0	36	125	200	228
107.5	0	30	117	188	217
110.0	0	29	106	171	201
112.5	0	26	100	160	184
115.0	0	25	90	148	175
117.5	0	18	82	135	160
120.0	0	17	76	124	148
122.5	0	12	67	114	128
125.0	0	12	61	102	120
127.5	0	10	56	92	110
130.0	0	7	46	82	97
132.5	0	4	40	75	86
135.0	0	2	35	62	78
137.5	0	0	32	56	70
140.0	0	0	29	47	60
142.5	0	0	17	42	51
145.0	0	0	17	33	43
147.5	0	0	12	29	37
150.0	0	0	10	22	29
152.5	0	0	8	17	24
155.0	0	0	5	12	17
157.5	0	0	1	7	12
160.0	0	0	0	1	7
162.5	0	0	0	1	1
165.0	0	0	0	0	0
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0