



Photometric Report

Number of lamps: 2
 Lumens per lamp: 3850.00
 Input watts: 102.00
 Distribution: Semi-Direct
 Efficiency: 65.2
 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): 1.34
 Spacing Criteria (Four Luminaires): 1.40

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1053	14	21
0-40	1736	23	35
0-60	3154	41	63
0-90	4471	58	89
90-120	431	6	9
90-150	544	7	11
90-180	551	7	11
0-180	5021	65	100

Total Luminaire Efficiency = 65%

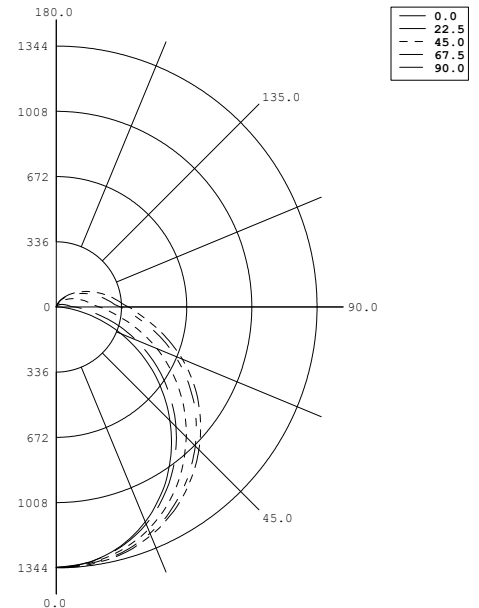
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4839	4839	4839
45.0	4052	4072	4334
55.0	3719	3875	4283
65.0	3241	3690	4297
75.0	2457	3519	4406
85.0	979	3664	5007

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	76	76	76	76	73	73	73	73	69	69	69	64	64	64	60	60	58
1	68	64	61	58	65	62	59	57	58	56	53	54	52	51	51	49	48
2	61	55	50	46	59	54	49	45	50	46	43	47	44	41	44	41	39
3	56	48	43	38	53	47	41	37	44	39	36	41	37	34	38	35	33
4	51	43	36	32	49	41	36	31	39	34	30	36	32	29	34	31	28
5	47	38	32	27	45	37	31	27	34	30	26	32	28	25	30	27	24
6	43	34	28	24	41	33	27	23	31	26	22	29	25	22	28	24	21
7	40	31	25	21	38	30	24	20	28	23	20	27	22	19	25	21	18
8	37	28	22	18	36	27	22	18	26	21	18	24	20	17	23	19	16
9	34	26	20	16	33	25	20	16	24	19	16	22	18	15	21	18	15
10	32	24	18	15	31	23	18	15	22	17	14	21	17	14	20	16	13





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1342	1342	1342	1342	1342
2.5	1340	1337	1341	1341	1344
5.0	1334	1332	1338	1338	1343
7.5	1326	1325	1332	1334	1338
10.0	1312	1313	1322	1327	1332
12.5	1296	1299	1311	1320	1326
15.0	1277	1281	1297	1310	1317
17.5	1253	1260	1280	1296	1306
20.0	1227	1237	1263	1280	1289
22.5	1198	1211	1240	1263	1274
25.0	1167	1182	1216	1242	1257
27.5	1130	1150	1190	1223	1234
30.0	1095	1115	1161	1196	1213
32.5	1056	1080	1129	1169	1188
35.0	1012	1041	1097	1141	1161
37.5	969	1001	1061	1111	1132
40.0	923	958	1024	1079	1103
42.5	876	916	984	1046	1072
45.0	828	872	948	1013	1039
47.5	779	827	907	976	1006
50.0	728	779	865	941	971
52.5	677	733	825	904	935
55.0	627	686	781	867	898
57.5	574	638	739	826	862
60.0	521	589	695	787	823
62.5	467	540	650	746	783
65.0	414	491	606	705	744
67.5	362	443	561	664	703
70.0	309	396	517	622	661
72.5	255	348	472	581	619
75.0	204	301	429	538	579
77.5	155	256	388	498	538
80.0	109	214	347	458	499
82.5	69	176	310	420	462
85.0	35	143	278	388	429
87.5	14	118	253	361	402
90.0	1	94	222	330	372
92.5	0	74	197	301	344
95.0	0	68	183	285	326
97.5	0	61	171	267	307
100.0	0	57	160	252	290
102.5	0	50	150	237	270
105.0	0	46	138	222	254
107.5	0	42	128	207	237
110.0	0	38	118	192	220
112.5	0	36	109	177	203
115.0	0	33	101	165	188
117.5	0	28	93	151	174
120.0	0	26	85	138	159
122.5	0	23	78	127	145
125.0	0	22	70	115	133
127.5	0	19	64	104	120
130.0	0	17	58	95	108
132.5	0	14	51	86	98
135.0	0	12	45	76	88
137.5	0	10	40	68	78
140.0	0	9	36	60	69
142.5	0	7	31	52	59
145.0	0	6	26	45	52
147.5	0	3	21	39	44
150.0	0	3	17	32	38
152.5	0	2	14	25	32
155.0	0	1	11	21	25
157.5	0	1	7	16	19
160.0	0	0	5	12	15
162.5	0	0	2	8	9
165.0	0	0	1	5	5
167.5	0	0	0	2	2
170.0	0	1	0	1	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