



Photometric Report

Number of lamps: 1
 Lumens per lamp: 2900.00
 Input watts: 33.00
 Distribution: Semi-Direct
 Efficiency: 81.0
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.865
 90-270 Axis: 0.167
 Height: 0.292
 Spacing Criteria (0): 1.11
 Spacing Criteria (90): 1.65
 Spacing Criteria (Four Luminaires): 1.49

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	252	9	11
0-40	424	15	18
0-60	890	31	38
0-90	1687	58	72
90-120	516	18	22
90-150	659	23	28
90-180	662	23	28
0-180	2349	81	100

Total Luminaire Efficiency = 81%

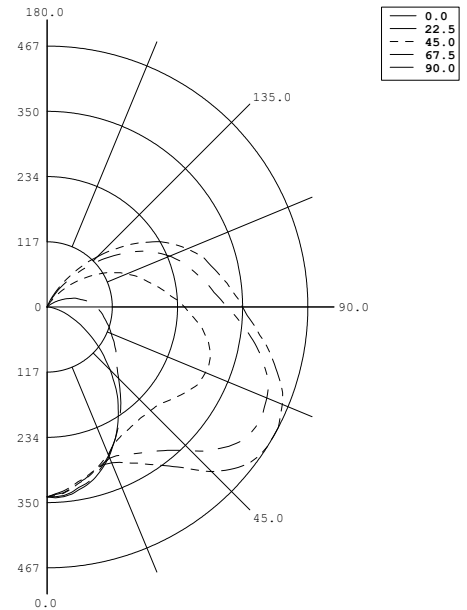
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	5681	5681	5681
45.0	3515	2703	3583
55.0	2656	2889	3863
65.0	1837	3200	3835
75.0	1108	3352	3635
85.0	103	3249	3396

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	0.0			
RCR																		
0	91	91	91	91	86	86	86	86	77	77	77	69	69	69	62	62	58	
1	79	73	69	64	74	69	65	61	62	58	55	54	52	49	48	46	44	40
2	70	62	55	49	66	58	52	47	52	46	42	45	41	38	40	36	34	30
3	63	53	45	39	59	50	43	37	44	38	34	39	34	30	34	30	27	24
4	57	46	38	32	53	43	36	30	38	32	28	34	29	25	30	25	22	19
5	52	41	33	27	49	38	31	25	34	28	23	30	25	21	26	22	19	16
6	48	36	28	23	45	34	27	22	30	24	20	27	22	18	24	19	16	14
7	44	32	25	20	41	31	24	19	27	21	17	24	19	15	21	17	14	12
8	41	29	22	17	38	28	21	16	25	19	15	22	17	14	20	15	12	10
9	38	27	20	15	36	25	19	15	23	17	13	20	16	12	18	14	11	9
10	36	25	18	14	33	23	17	13	21	16	12	19	14	11	17	13	10	8





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	340	340	340	340	340
2.5	342	340	338	336	335
5.0	341	339	335	334	331
7.5	338	335	329	328	325
10.0	332	328	321	320	318
12.5	327	324	316	315	313
15.0	320	317	309	308	307
17.5	311	308	301	303	302
20.0	301	298	293	297	300
22.5	290	288	286	293	302
25.0	277	276	276	294	307
27.5	265	265	270	298	315
30.0	251	253	266	304	323
32.5	237	242	264	310	334
35.0	222	229	262	317	345
37.5	208	217	261	325	359
40.0	192	204	260	335	375
42.5	175	192	261	348	396
45.0	160	181	262	364	417
47.5	143	171	264	382	433
50.0	130	163	268	396	447
52.5	115	157	275	410	458
55.0	101	151	282	421	464
57.5	88	146	289	428	467
60.0	76	140	296	431	467
62.5	65	135	303	433	467
65.0	54	129	305	429	461
67.5	44	124	307	426	456
70.0	37	120	308	422	449
72.5	29	116	306	414	437
75.0	22	111	302	402	424
77.5	16	107	296	391	412
80.0	11	103	287	378	399
82.5	6	100	279	364	384
85.0	1	96	267	350	372
87.5	0	92	255	336	359
90.0	0	88	246	322	350
92.5	0	84	236	311	342
95.0	0	78	223	300	332
97.5	0	75	213	292	325
100.0	0	69	203	283	316
102.5	0	62	192	274	308
105.0	0	57	183	266	300
107.5	0	53	175	259	294
110.0	0	45	165	248	283
112.5	0	39	154	238	272
115.0	0	33	145	226	260
117.5	0	27	133	213	247
120.0	0	22	123	200	234
122.5	0	16	110	184	216
125.0	0	11	98	168	200
127.5	0	8	86	151	182
130.0	0	4	74	135	163
132.5	0	2	63	119	146
135.0	0	1	51	102	127
137.5	0	1	41	86	111
140.0	0	1	31	71	93
142.5	0	0	22	56	76
145.0	0	0	15	45	61
147.5	0	0	9	32	47
150.0	0	0	4	20	33
152.5	0	0	2	11	21
155.0	0	0	1	5	12
157.5	0	0	2	4	6
160.0	0	0	2	3	4
162.5	0	0	1	2	3
165.0	0	0	1	1	2
167.5	0	0	1	1	1
170.0	0	0	0	1	1
172.5	0	0	0	1	1
175.0	0	0	0	1	1
177.5	0	0	0	0	0
180.0	0	0	0	0	0