



Photometric Report

Number of lamps: 1
 Lumens per lamp: 3150.00
 Input watts: 46.00
 Distribution: Semi-Direct
 Efficiency: 83.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.000
 90-270 Axis: 0.167
 Height: 0.292
 Spacing Criteria (0): 1.21
 Spacing Criteria (90): 1.87
 Spacing Criteria (Four Luminaires): 1.75

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	310	10	12
0-40	540	17	21
0-60	1100	35	42
0-90	1903	60	72
90-120	507	16	19
90-150	704	22	27
90-180	728	23	28
0-180	2631	84	100

Total Luminaire Efficiency = 84%

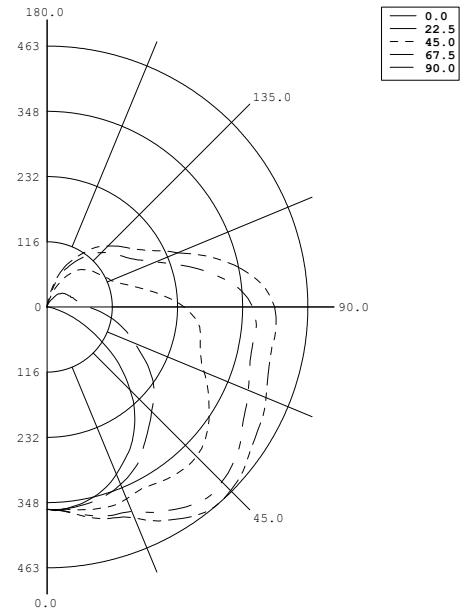
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	5807	5807	5807
45.0	4430	3745	3827
55.0	3469	3479	3551
65.0	2221	3173	3431
75.0	874	3022	3382
85.0	164	3138	3601

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	94	94	94	94	89	89	89	89	80	80	80	72	72	72	64	64	64	60
1	82	77	72	67	77	72	68	64	65	61	58	57	55	52	51	49	47	43
2	73	65	58	52	69	61	55	50	55	50	45	48	44	41	42	39	36	33
3	66	56	48	42	62	53	46	40	47	41	36	42	37	33	36	33	29	27
4	60	49	41	35	56	46	39	33	41	35	30	36	31	27	32	28	24	22
5	55	43	35	29	51	41	33	28	36	30	25	32	27	23	28	24	21	18
6	50	38	31	25	47	36	29	24	33	26	22	29	24	20	26	21	18	16
7	46	35	27	21	44	33	26	21	29	23	19	26	21	17	23	19	16	13
8	43	31	24	19	40	30	23	18	27	21	17	24	19	15	21	17	14	12
9	40	28	21	17	38	27	20	16	24	19	15	22	17	13	20	15	12	10
10	37	26	19	15	35	25	19	14	22	17	13	20	15	12	18	14	11	9





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	360	360	360	360	360
2.5	362	361	360	361	361
5.0	361	360	361	364	365
7.5	357	359	364	369	370
10.0	355	358	366	375	378
12.5	350	356	369	380	384
15.0	345	354	370	385	390
17.5	339	350	372	388	393
20.0	331	347	372	389	397
22.5	322	341	369	393	405
25.0	312	336	366	402	418
27.5	302	329	364	412	429
30.0	293	322	366	418	437
32.5	282	312	369	426	446
35.0	269	300	373	433	454
37.5	256	290	375	439	460
40.0	241	280	376	443	463
42.5	227	272	377	444	463
45.0	208	263	376	439	461
47.5	191	255	372	436	459
50.0	173	247	367	431	455
52.5	156	239	359	427	448
55.0	136	230	351	420	442
57.5	116	218	341	410	438
60.0	99	206	332	403	433
62.5	82	192	322	397	431
65.0	67	180	313	393	427
67.5	53	169	302	387	421
70.0	40	158	292	382	416
72.5	28	149	286	378	412
75.0	18	138	282	374	408
77.5	11	128	279	372	407
80.0	6	117	277	371	406
82.5	4	105	273	374	408
85.0	2	95	267	374	408
87.5	1	83	255	370	408
90.0	0	73	243	365	404
92.5	0	67	229	357	398
95.0	0	62	211	346	389
97.5	0	59	195	331	376
100.0	0	55	178	310	360
102.5	0	53	163	290	342
105.0	0	51	150	270	321
107.5	0	50	139	248	300
110.0	0	49	131	228	275
112.5	0	46	123	209	251
115.0	0	46	120	195	235
117.5	0	43	115	182	216
120.0	0	43	111	172	202
122.5	0	42	109	165	190
125.0	0	40	106	159	182
127.5	0	39	104	153	174
130.0	0	38	101	148	168
132.5	0	36	98	143	160
135.0	0	33	94	137	153
137.5	0	32	90	130	147
140.0	0	30	86	122	139
142.5	0	26	81	115	130
145.0	0	20	73	106	120
147.5	0	17	66	97	110
150.0	0	15	58	88	101
152.5	0	12	49	79	92
155.0	0	10	41	72	83
157.5	0	8	33	61	72
160.0	0	5	22	50	62
162.5	0	4	16	36	48
165.0	0	4	12	20	35
167.5	0	2	7	13	23
170.0	0	2	4	6	15
172.5	0	0	3	3	6
175.0	0	0	2	2	2
177.5	0	0	0	0	0
180.0	0	0	0	0	0