



Photometric Report

Number of lamps: 1
 Lumens per lamp: 4500.00
 Input watts: 54.20
 Distribution: Semi-Direct
 Efficiency: 70.4
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.875
 90-270 Axis: 0.167
 Height: 0.292
 Spacing Criteria (0): 1.13
 Spacing Criteria (90): 1.66
 Spacing Criteria (Four Luminaires): 1.50

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	342	8	11
0-40	576	13	18
0-60	1211	27	38
0-90	2292	51	72
90-120	690	15	22
90-150	874	19	28
90-180	877	19	28
0-180	3169	70	100

Total Luminaire Efficiency = 70%

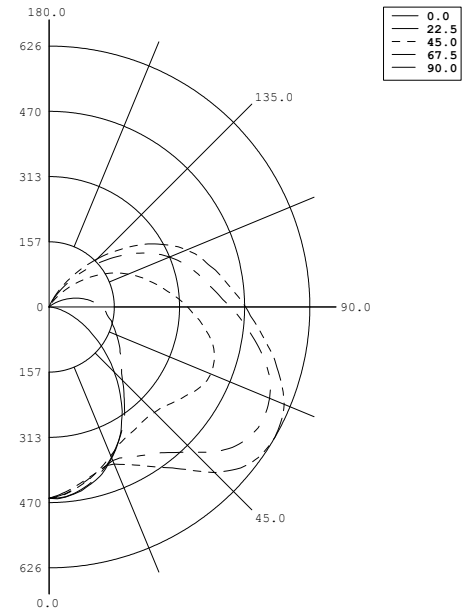
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7648	7648	7648
45.0	4843	3683	4816
55.0	3751	3934	5156
65.0	2716	4374	5135
75.0	1608	4538	4848
85.0	411	4394	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	79	79	79	79	75	75	75	75	67	67	67	60	60	60	54	54	54	51
1	69	64	60	56	65	60	57	53	54	51	48	48	45	43	42	40	38	35
2	61	54	48	43	57	51	45	41	45	41	37	40	36	33	35	32	29	27
3	55	46	39	34	51	43	37	32	38	33	29	34	30	26	30	26	23	21
4	50	40	33	28	46	38	31	27	34	28	24	30	25	22	26	22	19	17
5	45	35	28	23	42	33	27	22	30	24	20	26	22	18	23	19	16	14
6	42	32	25	20	39	30	23	19	27	21	17	23	19	16	21	17	14	12
7	38	28	22	17	36	27	21	16	24	19	15	21	17	14	19	15	12	10
8	36	26	19	15	33	24	18	14	22	17	13	19	15	12	17	13	11	9
9	33	23	17	13	31	22	17	13	20	15	12	18	14	11	16	12	10	8
10	31	21	16	12	29	20	15	11	18	14	10	16	12	9	15	11	9	7





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	459	459	459	459	459
2.5	461	459	457	455	453
5.0	458	457	451	450	446
7.5	453	452	444	442	438
10.0	448	445	435	433	430
12.5	439	437	427	425	422
15.0	431	427	417	417	416
17.5	421	416	407	410	409
20.0	407	404	397	404	405
22.5	393	391	387	399	408
25.0	378	376	377	400	417
27.5	362	362	369	407	427
30.0	345	347	364	414	439
32.5	324	332	361	422	454
35.0	306	316	359	431	470
37.5	284	297	356	441	487
40.0	263	280	355	456	509
42.5	242	265	355	473	535
45.0	221	249	358	493	562
47.5	202	236	361	516	582
50.0	181	227	368	537	601
52.5	162	218	376	554	613
55.0	143	211	385	566	621
57.5	124	202	393	574	624
60.0	109	196	404	580	626
62.5	94	189	412	580	623
65.0	80	182	418	578	619
67.5	65	175	420	573	611
70.0	54	169	419	566	598
72.5	42	163	416	555	583
75.0	32	157	410	540	567
77.5	25	153	402	524	552
80.0	15	145	389	506	533
82.5	8	140	375	488	516
85.0	4	137	362	471	500
87.5	0	132	345	453	484
90.0	0	125	332	435	472
92.5	0	118	318	417	458
95.0	0	112	303	403	444
97.5	0	104	287	389	431
100.0	0	97	274	377	420
102.5	0	88	260	366	409
105.0	0	80	246	354	395
107.5	0	71	234	342	385
110.0	0	62	220	328	373
112.5	0	53	206	313	357
115.0	0	44	192	297	342
117.5	0	36	177	279	322
120.0	0	28	161	259	302
122.5	0	21	145	239	282
125.0	0	15	128	217	258
127.5	0	9	112	195	234
130.0	0	5	95	173	209
132.5	0	3	80	151	187
135.0	0	2	65	130	163
137.5	0	3	51	109	140
140.0	0	2	39	90	118
142.5	0	2	27	71	95
145.0	0	1	18	54	76
147.5	0	1	10	39	57
150.0	0	1	6	25	41
152.5	0	1	5	14	26
155.0	0	1	3	7	15
157.5	0	1	3	5	7
160.0	0	1	2	5	5
162.5	0	0	0	0	0
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