



**Photometric Report**

Number of lamps: 3  
 Lumens per lamp: 1400.00  
 Input watts: 46.00  
 Distribution: Direct  
 Efficiency: 67.3  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 1.960  
 90-270 Axis: 0.750  
 Height: 0.167  
 Spacing Criteria (0): 1.21  
 Spacing Criteria (90): 1.31  
 Spacing Criteria (Four Luminaires): 1.39

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	642	15	23
0-40	1054	25	37
0-60	1894	45	67
0-90	2591	62	92
90-120	191	5	7
90-150	232	6	8
90-180	234	6	8
0-180	2825	67	100

Total Luminaire Efficiency = 67%

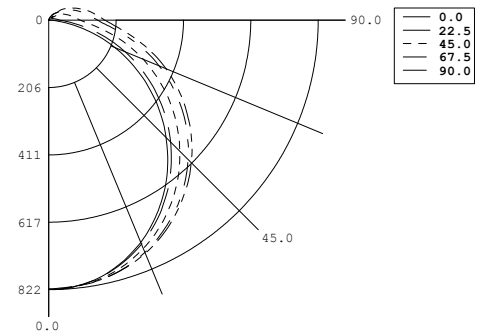
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	6012	6012	6012
45.0	4828	4805	5200
55.0	4336	4450	5027
65.0	3677	4016	4855
75.0	2597	3497	4682
85.0	681	2962	4811

**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	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.0
RCR																	
0	79	79	79	79	76	76	76	72	72	72	68	68	68	64	64	64	62
1	71	67	64	61	69	65	62	60	61	59	57	58	56	54	54	53	51
2	64	58	53	49	62	56	52	48	53	49	46	50	47	44	47	45	42
3	58	51	45	40	56	49	44	40	46	42	38	44	40	37	41	38	36
4	53	45	39	34	51	44	38	33	41	36	32	39	35	31	37	33	30
5	49	40	34	29	47	39	33	29	37	32	28	35	30	27	33	29	26
6	45	36	30	25	43	35	29	25	33	28	24	31	27	24	30	26	23
7	42	32	26	22	40	32	26	22	30	25	21	29	24	21	27	23	20
8	39	30	24	20	37	29	23	20	27	23	19	26	22	19	25	21	18
9	36	27	21	18	35	26	21	17	25	20	17	24	20	17	23	19	16
10	34	25	20	16	33	24	19	16	23	19	15	22	18	15	21	18	15





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	821	821	821	821	821
2.5	822	821	821	821	818
5.0	818	817	818	818	816
7.5	812	813	814	815	814
10.0	805	805	808	811	810
12.5	795	796	801	805	805
15.0	782	784	792	798	798
17.5	768	771	781	789	790
20.0	751	756	768	778	781
22.5	734	740	754	767	770
25.0	714	721	739	754	758
27.5	692	701	721	738	744
30.0	669	680	703	722	729
32.5	645	656	682	705	712
35.0	620	633	662	687	695
37.5	593	607	639	667	676
40.0	565	581	616	646	657
42.5	535	553	591	624	637
45.0	506	526	565	601	614
47.5	477	497	540	578	593
50.0	445	467	512	552	569
52.5	415	438	485	528	545
55.0	381	407	457	502	519
57.5	350	377	429	475	494
60.0	316	345	399	447	468
62.5	284	315	370	420	441
65.0	251	283	340	392	414
67.5	218	252	312	364	387
70.0	186	221	282	337	360
72.5	153	190	253	307	331
75.0	121	160	224	279	303
77.5	90	131	195	251	275
80.0	62	104	168	225	249
82.5	36	79	144	200	224
85.0	16	59	123	179	203
87.5	4	43	107	161	185
90.0	0	34	96	149	171
92.5	0	30	88	138	160
95.0	0	26	81	130	151
97.5	0	23	76	122	142
100.0	0	21	70	114	134
102.5	0	18	66	108	126
105.0	0	16	61	100	117
107.5	0	14	56	93	109
110.0	0	13	52	86	101
112.5	0	11	48	80	94
115.0	0	10	44	74	86
117.5	0	8	40	68	80
120.0	0	7	34	62	73
122.5	0	5	19	56	66
125.0	0	5	14	51	61
127.5	0	4	11	44	55
130.0	0	3	12	37	48
132.5	0	2	18	34	33
135.0	0	2	15	31	31
137.5	0	1	14	27	27
140.0	0	1	12	24	26
142.5	0	0	10	20	24
145.0	0	0	8	17	20
147.5	0	0	6	13	18
150.0	0	0	5	11	14
152.5	0	0	4	8	11
155.0	0	0	2	6	9
157.5	0	0	1	4	6
160.0	0	0	0	3	4
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