



# Photometric Report

Number of lamps: 2  
 Lumens per lamp: 3850.00  
 Input watts: 104.00  
 Distribution: Semi-Direct  
 Efficiency: 82.3  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 4.070  
 90-270 Axis: 1.280  
 Height: 0.130  
 Spacing Criteria (0): 1.24  
 Spacing Criteria (90): 1.61  
 Spacing Criteria (Four Luminaires): 1.58

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1349	18	21
0-40	2302	30	36
0-60	4297	56	68
0-90	5307	69	84
90-120	181	2	3
90-150	598	8	9
90-180	1029	13	16
0-180	6336	82	100

Total Luminaire Efficiency = 82%

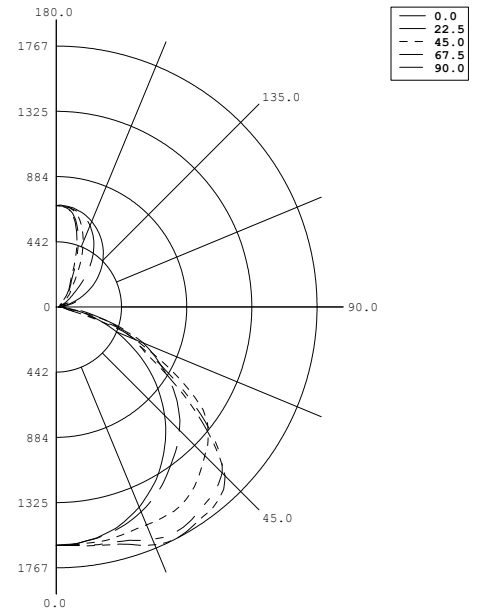
### Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	3337	3337	3337
45.0	2938	3797	4291
55.0	2694	3850	3358
65.0	2314	2795	2505
75.0	1759	2024	716
85.0	907	595	453

### 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	95	95	95	95	91	91	91	91	84	84	84	78	78	78	72	72	72	69
1	87	83	80	77	83	80	77	74	74	72	69	69	67	65	64	62	61	58
2	79	72	67	63	76	70	65	61	65	61	57	60	57	54	56	53	51	49
3	72	64	57	52	69	61	55	51	57	52	48	53	49	46	49	46	43	41
4	66	56	49	44	63	54	48	43	50	45	41	47	42	39	44	40	37	35
5	60	50	43	37	58	48	42	37	45	39	35	42	37	33	39	35	32	30
6	55	45	37	32	53	43	37	32	40	35	30	38	33	29	35	31	28	26
7	51	40	33	28	49	39	32	28	37	31	27	34	29	26	32	28	24	23
8	48	37	30	25	46	35	29	25	33	28	24	31	26	23	29	25	22	20
9	44	33	27	22	42	32	26	22	30	25	21	29	24	20	27	23	20	18
10	41	31	24	20	40	30	24	20	28	23	19	26	22	18	25	21	18	16





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1615	1615	1615	1615	1615
2.5	1616	1610	1614	1616	1616
5.0	1609	1609	1616	1621	1622
7.5	1598	1598	1614	1624	1633
10.0	1588	1590	1616	1635	1639
12.5	1569	1579	1617	1638	1651
15.0	1553	1564	1609	1645	1663
17.5	1527	1547	1604	1657	1686
20.0	1497	1526	1598	1683	1720
22.5	1468	1502	1598	1704	1743
25.0	1430	1476	1600	1722	1762
27.5	1391	1445	1598	1727	1767
30.0	1353	1414	1597	1722	1760
32.5	1305	1376	1585	1709	1745
35.0	1255	1337	1563	1684	1734
37.5	1204	1298	1536	1669	1729
40.0	1152	1263	1501	1655	1707
42.5	1097	1222	1461	1627	1678
45.0	1038	1179	1422	1589	1618
47.5	977	1136	1391	1521	1498
50.0	913	1081	1343	1400	1358
52.5	849	1028	1291	1269	1213
55.0	782	967	1213	1126	1067
57.5	714	902	1088	985	927
60.0	644	833	953	852	802
62.5	572	770	816	730	684
65.0	506	705	688	619	624
67.5	441	637	575	569	584
70.0	375	547	481	531	479
72.5	310	446	421	373	284
75.0	247	342	343	184	124
77.5	189	263	211	77	72
80.0	136	200	109	64	61
82.5	90	137	69	54	54
85.0	52	74	52	45	41
87.5	30	41	39	34	33
90.0	18	27	28	26	27
92.5	13	30	27	29	30
95.0	23	38	44	31	34
97.5	39	31	65	60	46
100.0	59	24	85	93	85
102.5	80	22	78	119	115
105.0	106	24	47	127	136
107.5	130	25	30	83	121
110.0	163	36	28	36	60
112.5	192	47	29	30	33
115.0	220	62	27	30	30
117.5	250	76	31	30	31
120.0	281	89	38	30	31
122.5	312	109	47	33	31
125.0	340	124	62	39	34
127.5	366	147	77	48	41
130.0	395	178	91	57	46
132.5	421	216	110	71	59
135.0	447	263	128	91	76
137.5	471	307	145	106	93
140.0	496	349	162	124	112
142.5	518	394	184	145	131
145.0	539	435	217	162	151
147.5	559	472	260	183	168
150.0	578	509	311	203	190
152.5	595	542	366	242	217
155.0	612	569	421	300	263
157.5	628	598	477	367	328
160.0	642	621	527	431	395
162.5	654	638	573	497	466
165.0	664	652	613	554	531
167.5	671	664	643	605	590
170.0	680	670	665	643	633
172.5	685	679	680	669	667
175.0	688	681	686	678	679
177.5	691	685	685	682	684
180.0	687	687	687	687	687