



**Photometric Report**

Number of lamps: 2  
 Lumens per lamp: 3850.00  
 Input watts: 98.00  
 Distribution: Semi-Direct  
 Efficiency: 74.9  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 4.150  
 90-270 Axis: 0.650  
 Height: 0.260  
 Spacing Criteria (0): 1.23  
 Spacing Criteria (90): 1.36  
 Spacing Criteria (Four Luminaires): 1.40

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	1217	16	21
0-40	1988	26	34
0-60	3394	44	59
0-90	4546	59	79
90-120	956	12	17
90-150	1212	16	21
90-180	1219	16	21
0-180	5766	75	100

Total Luminaire Efficiency = 75%

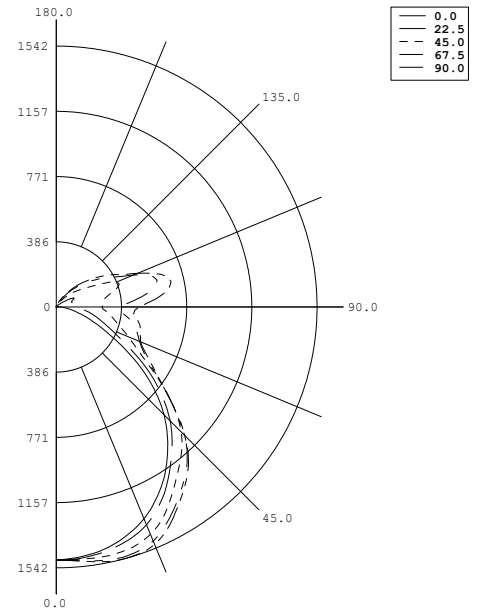
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	5970	5970	5970
45.0	4785	4443	4321
55.0	3780	3476	3294
65.0	2472	2758	2856
75.0	1649	2582	3179
85.0	1121	2860	3771

**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	85	85	85	85	82	82	82	82	75	75	75	68	68	68	62	62	59	
1	77	73	70	66	73	70	67	64	64	61	59	58	56	54	53	51	50	47
2	70	63	58	54	66	61	56	52	55	52	48	51	48	45	46	44	42	39
3	64	56	50	45	60	53	48	43	49	44	41	45	41	38	41	38	35	33
4	58	49	43	38	55	47	41	37	43	39	35	40	36	32	37	33	30	28
5	54	44	38	33	51	42	36	32	39	34	30	36	32	28	33	29	26	24
6	50	40	33	28	47	38	32	28	35	30	26	33	28	25	30	26	23	21
7	46	36	30	25	44	35	29	24	32	27	23	30	25	22	27	24	21	19
8	43	33	27	22	41	32	26	22	29	24	21	27	23	20	25	21	19	17
9	40	30	24	20	38	29	23	19	27	22	19	25	21	18	23	20	17	15
10	37	28	22	18	36	27	21	18	25	20	17	23	19	16	22	18	15	14





L8248H5

Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1496	1496	1496	1496	1496
2.5	1491	1496	1495	1500	1498
5.0	1486	1494	1497	1506	1507
7.5	1477	1487	1500	1515	1518
10.0	1467	1480	1502	1522	1529
12.5	1452	1470	1503	1528	1540
15.0	1433	1456	1498	1531	1542
17.5	1410	1440	1491	1526	1540
20.0	1385	1420	1477	1517	1536
22.5	1355	1394	1455	1498	1520
25.0	1320	1360	1426	1469	1491
27.5	1279	1319	1385	1428	1453
30.0	1236	1276	1336	1386	1406
32.5	1189	1224	1286	1342	1360
35.0	1136	1171	1236	1297	1315
37.5	1081	1118	1192	1253	1269
40.0	1024	1065	1148	1203	1216
42.5	964	1010	1101	1144	1152
45.0	901	952	1045	1075	1072
47.5	830	886	977	991	983
50.0	754	815	898	898	896
52.5	675	743	817	814	815
55.0	592	670	733	737	744
57.5	506	592	654	673	686
60.0	427	516	590	624	637
62.5	355	449	538	583	597
65.0	297	395	497	554	562
67.5	248	350	462	532	540
70.0	205	313	429	516	529
72.5	166	281	397	501	519
75.0	132	254	372	488	514
77.5	107	228	352	468	507
80.0	85	204	333	445	492
82.5	63	177	314	417	473
85.0	42	151	296	388	459
87.5	20	125	276	377	464
90.0	5	108	271	382	490
92.5	1	103	277	413	538
95.0	1	101	281	465	598
97.5	5	99	284	523	647
100.0	6	98	292	571	679
102.5	6	97	313	605	695
105.0	9	97	346	617	684
107.5	10	95	378	600	645
110.0	12	97	397	553	585
112.5	11	104	386	492	520
115.0	6	116	347	428	458
117.5	5	117	293	382	415
120.0	7	101	247	345	383
122.5	7	77	214	312	348
125.0	7	57	186	280	313
127.5	7	44	161	248	277
130.0	8	33	139	217	246
132.5	7	25	116	188	215
135.0	6	20	97	163	186
137.5	6	16	79	136	159
140.0	4	14	62	113	132
142.5	4	9	51	90	108
145.0	3	7	39	71	86
147.5	2	3	29	54	66
150.0	2	2	21	42	51
152.5	1	1	17	33	40
155.0	2	0	11	26	30
157.5	1	0	6	18	23
160.0	1	0	2	11	16
162.5	0	0	0	5	8
165.0	1	0	0	1	2
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	1	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0