



Photometric Report

Number of lamps: 3
 Lumens per lamp: 3050.00
 Input watts: 78.80
 Distribution: Direct
 Efficiency: 53.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.125
 90-270 Axis: 0.667
 Height: 0.203
 Spacing Criteria (0): 0.99
 Spacing Criteria (90): 1.15
 Spacing Criteria (Four Luminaires): 1.17

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1214	13	25
0-40	1904	21	39
0-60	3148	34	64
0-90	4521	49	92
90-120	339	4	7
90-150	371	4	8
90-180	371	4	8
0-180	4892	53	100

Total Luminaire Efficiency = 53%

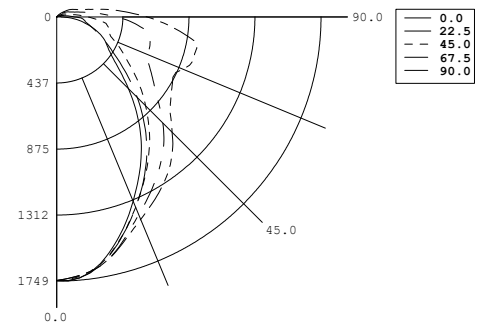
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6830	6830	6830
45.0	3535	3675	4578
55.0	2812	3067	4384
65.0	2873	2706	4868
75.0	2862	2862	6680
85.0	2759	3351	7675

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	0.7	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	63	63	63	61	61	61	61	57	57	57	54	54	54	51	51	51	50	
1	56	53	50	47	54	51	49	46	48	46	44	45	43	42	43	41	40	38
2	50	46	41	38	49	44	40	37	42	38	36	39	37	34	37	35	33	31
3	46	40	35	31	44	39	34	31	37	33	30	34	31	29	33	30	28	26
4	42	35	30	27	41	34	30	26	33	29	25	31	27	25	29	26	24	23
5	39	32	27	23	37	31	26	23	29	25	22	28	24	21	26	23	21	20
6	36	29	24	20	35	28	23	20	27	22	19	25	22	19	24	21	18	17
7	33	26	21	18	32	25	21	18	24	20	17	23	20	17	22	19	17	15
8	31	24	19	16	30	23	19	16	22	18	16	21	18	15	20	17	15	14
9	29	22	18	15	28	21	17	14	21	17	14	20	16	14	19	16	14	13
10	27	20	16	13	27	20	16	13	19	15	13	18	15	13	18	15	12	11





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1745	1745	1745	1745	1745
2.5	1749	1746	1740	1733	1733
5.0	1734	1734	1725	1719	1717
7.5	1705	1708	1699	1700	1700
10.0	1659	1669	1662	1674	1672
12.5	1599	1616	1614	1632	1634
15.0	1534	1556	1551	1580	1585
17.5	1465	1492	1492	1523	1535
20.0	1394	1430	1425	1467	1490
22.5	1320	1362	1364	1417	1451
25.0	1248	1300	1302	1371	1415
27.5	1180	1238	1241	1327	1381
30.0	1111	1170	1183	1283	1347
32.5	1041	1107	1125	1239	1311
35.0	970	1038	1066	1194	1275
37.5	896	967	1010	1148	1233
40.0	819	893	947	1101	1186
42.5	743	823	890	1048	1137
45.0	670	752	830	992	1079
47.5	600	681	777	933	1027
50.0	537	616	720	878	978
52.5	481	551	665	825	947
55.0	441	497	610	786	922
57.5	409	445	560	751	900
60.0	386	405	519	718	883
62.5	366	366	483	688	866
65.0	343	332	449	659	869
67.5	318	305	413	646	904
70.0	288	275	380	648	935
72.5	256	252	366	646	948
75.0	224	230	366	639	944
77.5	192	211	356	626	949
80.0	164	193	340	618	927
82.5	133	187	328	574	846
85.0	96	176	288	520	766
87.5	57	161	245	465	680
90.0	31	116	202	390	598
92.5	28	92	170	325	508
95.0	28	74	141	274	430
97.5	25	59	112	224	362
100.0	21	48	90	177	288
102.5	21	43	80	147	229
105.0	17	35	69	122	190
107.5	16	29	62	106	161
110.0	14	24	56	94	142
112.5	13	19	48	86	128
115.0	12	15	41	78	118
117.5	10	11	34	69	106
120.0	8	6	28	60	94
122.5	6	4	22	51	80
125.0	6	3	17	42	64
127.5	5	3	13	34	53
130.0	3	3	11	27	42
132.5	3	2	8	22	33
135.0	2	2	5	17	25
137.5	2	2	3	13	19
140.0	2	2	2	9	14
142.5	2	2	2	6	8
145.0	2	2	2	3	6
147.5	2	2	2	3	4
150.0	2	2	2	2	3
152.5	0	0	0	0	0
155.0	0	0	0	0	0
157.5	0	0	0	0	0
160.0	0	0	0	0	0
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