



Photometric Report

Number of lamps: 2
 Lumens per lamp: 3850.00
 Input watts: 104.00
 Distribution: Semi-Direct
 Efficiency: 87.3
 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): 1.27
 Spacing Criteria (90): 1.30
 Spacing Criteria (Four Luminaires): 1.41

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1391	18	21
0-40	2303	30	34
0-60	4225	55	63
0-90	5546	72	83
90-120	231	3	3
90-150	706	9	11
90-180	1174	15	17
0-180	6720	87	100

Total Luminaire Efficiency = 87%

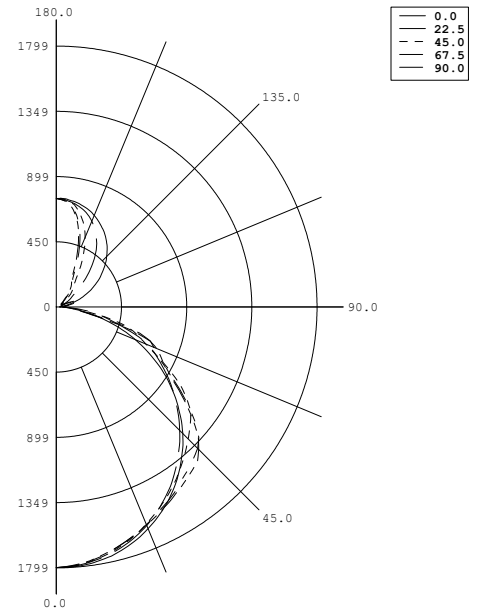
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	3712	3712	3712
45.0	3492	3435	3683
55.0	3330	3478	3310
65.0	3054	3008	3175
75.0	2479	2861	2177
85.0	1497	1319	1053

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	100	100	100	100	96	96	96	96	89	89	89	82	82	82	75	75	75	72
1	91	87	83	80	87	84	80	77	77	74	72	71	69	67	66	64	62	60
2	83	75	69	64	79	72	67	63	67	63	59	62	58	55	57	54	52	49
3	75	66	59	53	72	63	57	52	59	53	49	54	50	46	50	46	43	41
4	69	58	50	45	65	56	49	44	52	46	41	48	43	39	44	40	37	35
5	63	52	44	38	60	50	43	37	46	40	35	43	38	34	40	35	32	30
6	58	46	39	33	55	45	38	32	42	35	31	39	33	29	36	31	28	26
7	54	42	34	29	51	40	33	28	38	32	27	35	30	26	33	28	25	23
8	50	38	31	26	48	37	30	25	34	28	24	32	27	23	30	25	22	20
9	46	35	28	23	44	34	27	22	32	26	22	30	24	21	28	23	20	18
10	43	32	25	21	42	31	25	20	29	23	19	27	22	19	26	21	18	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1797	1797	1797	1797	1797
2.5	1799	1791	1796	1794	1790
5.0	1793	1787	1786	1784	1780
7.5	1786	1775	1770	1768	1766
10.0	1772	1760	1755	1750	1744
12.5	1759	1742	1735	1727	1723
15.0	1737	1720	1709	1701	1701
17.5	1714	1694	1684	1678	1677
20.0	1687	1664	1654	1649	1654
22.5	1654	1631	1620	1624	1625
25.0	1620	1592	1586	1597	1603
27.5	1583	1552	1552	1567	1577
30.0	1543	1508	1518	1543	1555
32.5	1498	1466	1481	1517	1529
35.0	1452	1415	1445	1483	1508
37.5	1400	1365	1404	1457	1484
40.0	1345	1311	1365	1435	1463
42.5	1293	1260	1325	1406	1441
45.0	1233	1203	1287	1378	1389
47.5	1171	1148	1246	1332	1329
50.0	1104	1088	1209	1257	1238
52.5	1039	1035	1165	1163	1145
55.0	967	974	1096	1070	1052
57.5	898	918	1020	976	962
60.0	822	856	927	890	892
62.5	744	799	831	818	831
65.0	668	746	740	762	791
67.5	589	684	668	727	749
70.0	512	607	608	690	688
72.5	428	505	557	604	557
75.0	348	421	485	428	376
77.5	274	350	382	259	250
80.0	202	290	262	176	175
82.5	136	218	166	139	133
85.0	86	135	116	98	96
87.5	49	80	81	61	66
90.0	28	52	54	43	45
92.5	23	44	48	44	46
95.0	33	46	61	53	50
97.5	48	46	81	76	66
100.0	72	35	98	106	100
102.5	95	34	95	132	128
105.0	122	34	68	143	149
107.5	153	41	44	105	141
110.0	184	51	38	64	91
112.5	214	64	36	44	60
115.0	249	79	38	41	42
117.5	280	96	44	40	41
120.0	312	111	50	39	41
122.5	345	125	61	44	40
125.0	375	145	75	54	44
127.5	404	168	93	62	55
130.0	435	206	115	75	62
132.5	466	250	136	86	72
135.0	491	297	153	107	92
137.5	518	344	168	129	110
140.0	545	390	184	153	135
142.5	569	437	207	175	162
145.0	592	481	239	188	182
147.5	614	519	292	208	196
150.0	631	552	348	228	215
152.5	650	582	404	272	241
155.0	668	613	465	333	295
157.5	684	640	521	406	366
160.0	699	664	572	475	438
162.5	711	684	616	542	512
165.0	720	700	654	599	581
167.5	730	712	687	649	637
170.0	737	724	716	688	679
172.5	741	732	732	716	715
175.0	748	740	741	732	733
177.5	750	742	750	742	742
180.0	748	748	748	748	748