



Photometric Report

Number of lamps: 4
 Lumens per lamp: 8350.00
 Input watts: 338.00
 Distribution: Semi-Direct
 Efficiency: 89.1
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 8.040
 90-270 Axis: 1.250
 Height: 0.130
 Spacing Criteria (0): 1.27
 Spacing Criteria (90): 1.39
 Spacing Criteria (Four Luminaires): 1.46

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	6208	19	21
0-40	10379	31	35
0-60	18969	57	64
0-90	24394	73	82
90-120	1272	4	4
90-150	3976	12	13
90-180	5382	16	18
0-180	29775	89	100

Total Luminaire Efficiency = 89%

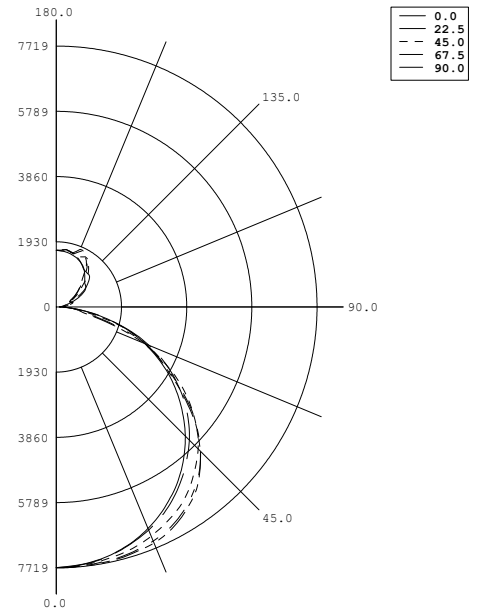
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	8260	8260	8260
45.0	8049	8288	8272
55.0	7916	7941	7469
65.0	7691	6935	6612
75.0	7079	5376	3613
85.0	4501	2687	2504

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	102	102	102	102	98	98	98	98	90	90	90	83	83	83	76	76	76	73
1	93	89	85	82	89	86	82	79	79	76	74	73	71	69	67	65	64	61
2	85	77	71	66	81	74	69	64	69	64	60	63	60	57	58	56	53	50
3	77	68	61	55	73	65	59	53	60	55	50	56	51	48	51	48	45	42
4	70	60	52	46	67	58	50	45	53	47	43	49	44	40	46	42	38	36
5	65	53	45	39	62	51	44	38	48	41	37	44	39	35	41	37	33	31
6	59	48	40	34	57	46	39	33	43	37	32	40	34	30	37	32	29	27
7	55	43	35	30	52	42	34	29	39	33	28	36	31	27	34	29	25	23
8	51	39	32	26	49	38	31	26	35	29	25	33	28	24	31	26	23	21
9	48	36	29	24	45	35	28	23	32	26	22	30	25	21	28	24	20	19
10	44	33	26	21	43	32	25	21	30	24	20	28	23	19	26	22	18	17





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	7712	7712	7712	7712	7712
2.5	7687	7699	7716	7719	7719
5.0	7662	7676	7696	7705	7705
7.5	7628	7638	7665	7693	7693
10.0	7575	7590	7627	7670	7691
12.5	7513	7521	7587	7661	7685
15.0	7424	7438	7550	7633	7664
17.5	7332	7346	7495	7593	7628
20.0	7220	7251	7427	7549	7599
22.5	7095	7146	7341	7495	7564
25.0	6957	7020	7244	7433	7495
27.5	6806	6889	7140	7341	7401
30.0	6636	6734	7037	7223	7284
32.5	6471	6565	6908	7083	7144
35.0	6281	6381	6746	6926	6988
37.5	6080	6193	6562	6743	6814
40.0	5863	5983	6358	6545	6579
42.5	5637	5780	6155	6307	6309
45.0	5400	5568	5937	6035	6029
47.5	5145	5336	5688	5726	5708
50.0	4878	5087	5396	5402	5382
52.5	4615	4827	5090	5067	4993
55.0	4337	4546	4769	4669	4594
57.5	4056	4257	4425	4271	4210
60.0	3767	3964	4050	3890	3836
62.5	3452	3652	3633	3526	3524
65.0	3140	3315	3235	3215	3191
67.5	2831	2968	2862	2862	2785
70.0	2510	2613	2539	2387	2235
72.5	2166	2223	2166	1843	1703
75.0	1814	1814	1711	1359	1212
77.5	1430	1460	1247	929	844
80.0	1066	1112	858	735	706
82.5	751	743	608	603	577
85.0	434	442	431	463	446
87.5	193	228	296	319	311
90.0	121	124	223	245	231
92.5	88	105	211	245	234
95.0	105	164	262	285	277
97.5	185	222	317	345	349
100.0	245	233	365	411	414
102.5	310	291	365	468	477
105.0	377	348	362	493	514
107.5	471	417	365	446	500
110.0	583	491	408	425	460
112.5	697	568	471	425	454
115.0	792	663	545	482	460
117.5	892	795	617	548	525
120.0	978	915	692	625	600
122.5	1033	1018	769	697	675
125.0	1063	1104	847	772	749
127.5	1084	1190	936	844	823
130.0	1098	1276	1038	927	907
132.5	1144	1339	1181	1007	987
135.0	1190	1362	1307	1095	1058
137.5	1247	1356	1408	1227	1147
140.0	1305	1362	1488	1374	1273
142.5	1362	1367	1571	1499	1439
145.0	1413	1393	1648	1582	1562
147.5	1454	1442	1705	1660	1646
150.0	1485	1485	1717	1728	1714
152.5	1520	1528	1671	1803	1788
155.0	1545	1567	1636	1839	1852
157.5	1574	1599	1610	1768	1849
160.0	1591	1617	1628	1700	1754
162.5	1608	1628	1665	1648	1685
165.0	1628	1636	1694	1671	1674
167.5	1642	1648	1700	1706	1705
170.0	1653	1657	1696	1717	1728
172.5	1663	1671	1688	1705	1710
175.0	1671	1665	1689	1691	1700
177.5	1676	1668	1685	1679	1685
180.0	1679	1679	1679	1679	1679