



Photometric Report

Number of lamps: 2
 Lumens per lamp: 8350.00
 Input watts: 170.00
 Distribution: Semi-Direct
 Efficiency: 86.6
 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): 1.26
 Spacing Criteria (90): 1.30
 Spacing Criteria (Four Luminaires): 1.43

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3015	18	21
0-40	4993	30	35
0-60	9182	55	63
0-90	12131	73	84
90-120	455	3	3
90-150	1391	8	10
90-180	2335	14	16
0-180	14466	87	100

Total Luminaire Efficiency = 87%

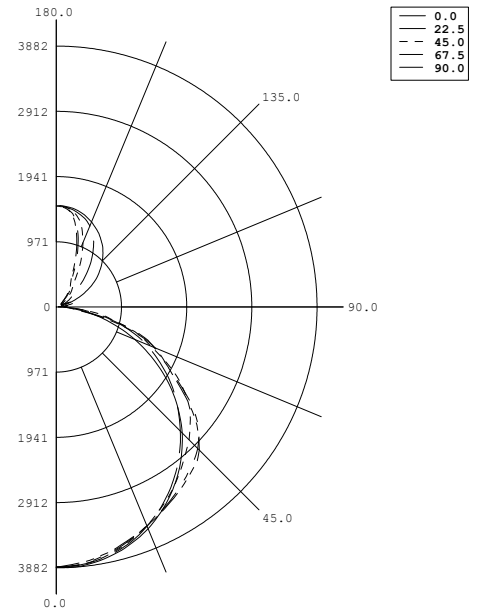
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4147	4147	4147
45.0	3952	3901	4131
55.0	3780	3958	3830
65.0	3488	3631	3564
75.0	3044	3158	2731
85.0	2240	1746	1134

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	76	76	76	73
1	91	86	83	79	87	83	80	77	77	74	72	71	69	67	66	64	63	60
2	82	75	69	64	79	72	67	62	67	62	58	62	58	55	57	54	52	49
3	75	65	58	53	71	63	56	51	58	53	49	54	50	46	50	47	43	41
4	68	58	50	44	65	56	49	43	52	46	41	48	43	39	45	40	37	35
5	62	51	43	38	60	49	42	37	46	40	35	43	38	34	40	35	32	30
6	58	46	38	33	55	44	37	32	41	35	31	39	33	29	36	31	28	26
7	53	42	34	29	51	40	33	28	38	31	27	35	30	26	33	28	25	23
8	49	38	30	25	47	37	30	25	34	28	24	32	27	23	30	25	22	20
9	46	35	27	23	44	33	27	22	31	26	21	30	24	21	28	23	20	18
10	43	32	25	20	41	31	24	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	3872	3872	3872	3872	3872
2.5	3882	3868	3871	3864	3850
5.0	3877	3858	3858	3850	3826
7.5	3855	3840	3832	3824	3805
10.0	3827	3808	3803	3782	3761
12.5	3790	3774	3758	3742	3729
15.0	3750	3726	3710	3694	3675
17.5	3694	3673	3652	3638	3625
20.0	3638	3607	3588	3583	3580
22.5	3573	3530	3525	3528	3522
25.0	3493	3451	3450	3471	3477
27.5	3413	3368	3374	3406	3424
30.0	3321	3273	3299	3355	3369
32.5	3225	3178	3220	3297	3321
35.0	3122	3071	3132	3236	3268
37.5	3014	2966	3045	3178	3212
40.0	2896	2849	2956	3109	3157
42.5	2775	2733	2873	3053	3106
45.0	2651	2611	2794	2977	3011
47.5	2513	2486	2696	2881	2873
50.0	2369	2364	2603	2761	2732
52.5	2224	2240	2508	2603	2555
55.0	2071	2118	2377	2415	2356
57.5	1914	1986	2227	2208	2161
60.0	1752	1848	2076	2009	1989
62.5	1588	1713	1893	1840	1843
65.0	1424	1575	1694	1689	1720
67.5	1265	1451	1517	1577	1593
70.0	1099	1297	1381	1451	1416
72.5	931	1135	1228	1263	1178
75.0	780	971	1005	1024	916
77.5	629	790	827	725	653
80.0	478	637	709	478	409
82.5	335	457	497	312	277
85.0	216	311	280	224	202
87.5	142	163	210	166	147
90.0	77	80	142	112	101
92.5	28	60	115	110	88
95.0	31	70	140	118	102
97.5	51	92	184	169	137
100.0	78	81	197	218	192
102.5	107	78	187	271	256
105.0	145	81	144	287	288
107.5	200	86	107	234	267
110.0	269	108	94	134	195
112.5	344	126	89	105	121
115.0	422	155	97	89	97
117.5	495	192	105	86	81
120.0	573	226	115	83	81
122.5	648	256	126	89	83
125.0	722	290	155	91	91
127.5	788	333	189	110	105
130.0	847	391	229	134	121
132.5	911	476	266	163	137
135.0	968	568	306	208	179
137.5	1026	661	341	258	221
140.0	1080	754	378	309	269
142.5	1135	849	417	344	317
145.0	1177	939	478	378	362
147.5	1222	1026	573	417	393
150.0	1265	1114	691	459	433
152.5	1302	1185	804	536	484
155.0	1334	1250	916	664	584
157.5	1371	1305	1043	806	730
160.0	1398	1352	1146	942	873
162.5	1429	1389	1255	1085	1018
165.0	1451	1416	1339	1212	1156
167.5	1472	1442	1397	1329	1289
170.0	1488	1466	1443	1411	1390
172.5	1496	1482	1474	1453	1450
175.0	1504	1495	1495	1482	1480
177.5	1511	1496	1506	1498	1496
180.0	1503	1503	1503	1503	1503