



Photometric Report

Number of lamps: 2
 Lumens per lamp: 3050.00
 Input watts: 59.00
 Distribution: Semi-Direct
 Efficiency: 88.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.060
 90-270 Axis: 1.250
 Height: 0.130
 Spacing Criteria (0): 1.27
 Spacing Criteria (90): 1.30
 Spacing Criteria (Four Luminaires): 1.43

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1159	19	21
0-40	1919	31	36
0-60	3479	57	64
0-90	4591	75	85
90-120	172	3	3
90-150	463	8	9
90-180	805	13	15
0-180	5396	88	100

Total Luminaire Efficiency = 88%

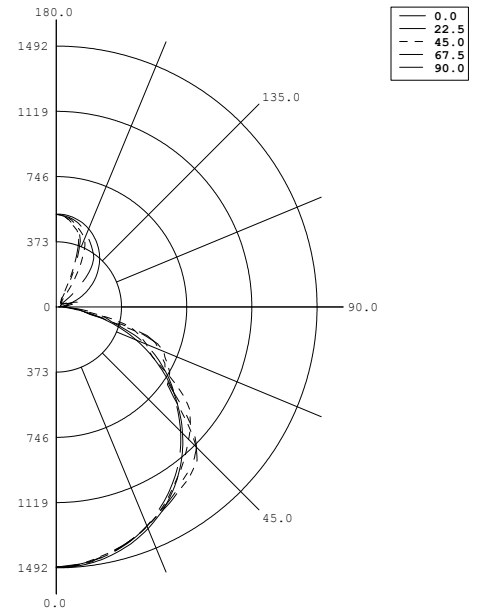
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	3156	3156	3156
45.0	2967	2928	3076
55.0	2850	2894	2498
65.0	2625	2417	2819
75.0	2174	2623	1860
85.0	1229	1182	967

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	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	
RCR																			
0	102	102	102	102	98	98	98	98	91	91	91	84	84	84	78	78	78	75	
1	93	88	85	81	89	85	82	79	79	76	74	73	71	69	68	66	65	62	
2	84	77	71	65	80	74	68	64	69	64	60	64	60	57	59	56	54	51	
3	76	67	60	54	73	65	58	53	60	55	50	56	51	48	52	48	45	43	
4	70	59	51	45	67	57	50	44	53	47	42	50	44	40	46	42	38	36	
5	64	53	45	39	61	51	43	38	47	41	36	44	39	35	41	37	33	31	
6	59	47	39	34	56	46	38	33	43	36	32	40	35	30	37	33	29	27	
7	55	43	35	30	52	41	34	29	39	32	28	36	31	27	34	29	26	24	
8	51	39	31	26	49	38	31	26	35	29	25	33	28	24	31	27	23	21	
9	47	35	28	23	45	34	28	23	32	26	22	31	25	21	29	24	21	19	
10	44	33	26	21	42	32	25	21	30	24	20	28	23	19	27	22	19	17	





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1488	1488	1488	1488	1488
2.5	1492	1481	1488	1487	1485
5.0	1486	1477	1483	1481	1478
7.5	1479	1469	1473	1470	1465
10.0	1469	1458	1459	1454	1450
12.5	1455	1444	1443	1438	1436
15.0	1438	1426	1423	1421	1420
17.5	1420	1406	1402	1403	1402
20.0	1397	1382	1382	1383	1382
22.5	1372	1355	1357	1357	1357
25.0	1343	1325	1332	1330	1334
27.5	1314	1291	1302	1305	1314
30.0	1280	1258	1270	1285	1296
32.5	1243	1221	1235	1262	1274
35.0	1204	1183	1201	1235	1255
37.5	1162	1144	1171	1216	1240
40.0	1118	1100	1138	1198	1216
42.5	1071	1054	1104	1170	1192
45.0	1021	1005	1070	1134	1132
47.5	970	954	1039	1071	1039
50.0	915	903	1000	978	938
52.5	862	857	961	882	844
55.0	806	813	890	794	776
57.5	746	765	797	739	762
60.0	683	712	701	719	749
62.5	623	661	620	700	719
65.0	559	607	581	662	687
67.5	495	550	559	633	664
70.0	431	481	520	605	616
72.5	363	395	481	545	518
75.0	297	326	435	389	315
77.5	232	291	338	212	196
80.0	170	242	215	165	157
82.5	113	186	143	127	120
85.0	69	109	102	91	87
87.5	36	68	68	58	55
90.0	19	43	47	43	42
92.5	13	35	44	44	44
95.0	23	37	52	47	48
97.5	34	32	69	64	59
100.0	49	29	71	106	101
102.5	67	27	55	124	130
105.0	87	27	46	74	105
107.5	107	26	39	61	66
110.0	130	26	34	59	65
112.5	154	26	33	42	56
115.0	176	29	34	40	42
117.5	199	35	33	39	42
120.0	221	38	33	38	41
122.5	244	42	33	38	39
125.0	267	59	33	37	39
127.5	287	100	33	36	38
130.0	308	144	36	36	37
132.5	328	189	42	35	36
135.0	348	239	47	35	37
137.5	367	286	49	38	37
140.0	385	323	57	44	39
142.5	402	352	88	50	45
145.0	418	370	144	51	50
147.5	433	386	207	60	54
150.0	447	402	271	105	68
152.5	460	418	331	174	126
155.0	473	435	388	251	204
157.5	484	452	423	329	286
160.0	494	467	441	401	365
162.5	504	481	457	441	430
165.0	511	495	471	457	455
167.5	517	505	489	473	471
170.0	523	513	505	492	487
172.5	527	519	516	509	507
175.0	530	523	525	521	521
177.5	532	525	529	528	528
180.0	530	530	530	530	530