



Photometric Report

Number of lamps: 2
 Lumens per lamp: 2950.00
 Input watts: 64.00
 Distribution: Direct-Indirect
 Efficiency: 68.1
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.000
 90-270 Axis: 3.688
 Height: 0.750
 Spacing Criteria (0): 19.03
 Spacing Criteria (90): 3.14
 Spacing Criteria (Four Luminaires): 11.52

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	70	1	2
0-40	211	4	5
0-60	757	13	19
0-90	1989	34	50
90-120	1247	21	31
90-150	1952	33	49
90-180	2027	34	50
0-180	4016	68	100

Total Luminaire Efficiency = 68%

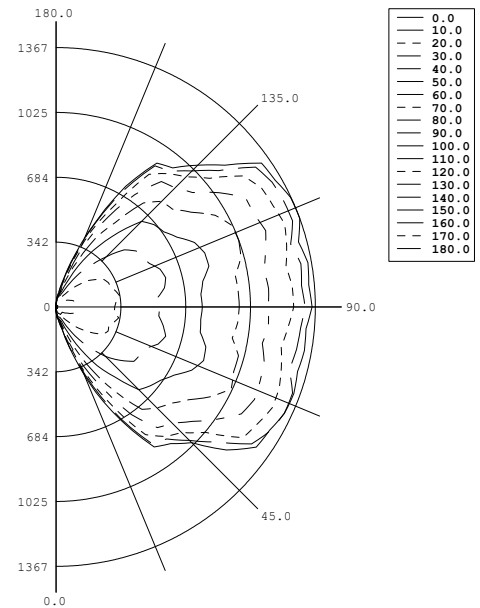
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	0	0	0	0	0
45.0	5570	5331	1329722752	0	0
55.0	6125	5128	1042404416	0	0
65.0	5705	5491	841951872	0	0
75.0	5313	5163	642497088	0	0
85.0	5168	4770	441534752	0	0

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	73	73	73	67	67	67	67	57	57	57	47	47	47	38	38	38	34	
1	63	58	54	50	57	53	50	46	44	41	39	35	33	31	28	26	24	
2	55	49	43	38	50	44	39	35	36	32	29	29	26	23	22	20	18	
3	50	41	35	30	45	38	32	27	31	26	22	24	21	18	18	15	13	
4	45	36	29	24	40	32	26	22	26	22	18	21	17	14	15	13	10	
5	41	31	25	20	37	28	22	18	23	18	15	18	14	11	13	10	8	
6	37	27	21	16	34	25	19	15	20	16	12	16	12	9	12	9	7	
7	34	24	18	14	31	22	17	13	18	14	10	14	11	8	11	8	5	
8	31	22	16	12	28	20	15	11	16	12	9	13	9	7	9	7	5	
9	29	20	14	10	26	18	13	9	15	10	7	12	8	6	9	6	4	
10	27	18	13	9	25	16	11	8	13	9	7	11	7	5	8	5	3	





Candela Distribution

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
0.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5.0	48	57	49	39	53	32	38	25	9	1	0	0	0	0	0	0	0	0	0
10.0	68	66	65	61	62	63	49	46	17	2	0	0	0	0	0	0	0	0	0
15.0	117	124	90	79	66	68	56	46	30	3	0	0	0	0	0	0	0	0	0
20.0	282	266	230	196	131	79	58	53	37	4	0	0	0	0	0	0	0	0	0
25.0	494	462	423	346	252	150	75	58	39	6	0	0	0	0	0	0	0	0	0
30.0	695	679	615	497	393	256	135	58	46	7	0	0	0	0	0	0	0	0	0
35.0	901	877	822	692	547	379	208	75	44	8	0	0	0	0	0	0	0	0	0
40.0	941	908	891	831	705	483	282	104	45	10	0	0	0	0	0	0	0	0	0
45.0	1012	995	937	864	753	617	369	149	43	11	0	0	0	0	0	0	0	0	0
50.0	1173	1107	1029	938	790	648	438	192	43	11	0	0	0	0	0	0	0	0	0
55.0	1289	1259	1202	1033	853	674	501	240	57	10	0	0	0	0	0	0	0	0	0
60.0	1300	1305	1229	1128	946	719	509	288	66	10	0	0	0	0	0	0	0	0	0
65.0	1329	1328	1258	1155	1019	789	516	302	82	9	0	0	0	0	0	0	0	0	0
70.0	1335	1328	1252	1145	996	827	572	296	98	8	0	0	0	0	0	0	0	0	0
75.0	1319	1274	1230	1137	995	817	598	315	96	7	0	0	0	0	0	0	0	0	0
80.0	1330	1288	1206	1105	943	772	573	335	105	6	0	0	0	0	0	0	0	0	0
85.0	1323	1294	1228	1124	961	766	544	308	103	5	0	0	0	0	0	0	0	0	0
90.0	1350	1313	1253	1119	965	771	544	309	100	3	0	0	0	0	0	0	0	0	0
95.0	1338	1299	1250	1125	964	767	535	318	107	5	0	0	0	0	0	0	0	0	0
100.0	1348	1311	1232	1114	959	786	580	340	109	7	0	0	0	0	0	0	0	0	0
105.0	1323	1281	1259	1143	1009	834	598	325	101	7	0	0	0	0	0	0	0	0	0
110.0	1367	1327	1283	1177	1025	834	584	307	97	9	0	0	0	0	0	0	0	0	0
115.0	1365	1324	1263	1153	1021	805	543	304	83	9	0	0	0	0	0	0	0	0	0
120.0	1335	1315	1253	1153	968	736	523	290	73	10	0	0	0	0	0	0	0	0	0
125.0	1323	1285	1204	1050	871	692	515	252	61	11	0	0	0	0	0	0	0	0	0
130.0	1162	1118	1056	939	801	675	469	216	51	10	0	0	0	0	0	0	0	0	0
135.0	1057	1014	970	887	787	639	376	163	42	12	0	0	0	0	0	0	0	0	0
140.0	957	933	918	863	716	513	287	121	42	9	0	0	0	0	0	0	0	0	0
145.0	926	908	854	723	543	392	218	84	44	7	0	0	0	0	0	0	0	0	0
150.0	735	708	619	545	421	282	142	63	46	8	0	0	0	0	0	0	0	0	0
155.0	497	482	444	381	267	165	89	56	43	7	0	0	0	0	0	0	0	0	0
160.0	296	286	258	189	152	91	66	55	34	3	0	0	0	0	0	0	0	0	0
165.0	152	136	111	88	74	69	58	56	34	2	0	0	0	0	0	0	0	0	0
170.0	72	70	76	60	53	52	51	37	18	3	0	0	0	0	0	0	0	0	0
175.0	50	47	45	54	39	38	31	23	12	1	0	0	0	0	0	0	0	0	0
180.0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7