



Photometric Report

Number of lamps: 1
 Lumens per lamp: 3150.00
 Input watts: 40.00
 Distribution: Direct
 Efficiency: 57.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.250
 90-270 Axis: 1.980
 Height: 0.190
 Spacing Criteria (0): 1.15
 Spacing Criteria (90): 1.39
 Spacing Criteria (Four Luminaires): 1.39

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	413	13	23
0-40	679	22	37
0-60	1216	39	67
0-90	1664	53	92
90-120	130	4	7
90-150	147	5	8
90-180	147	5	8
0-180	1811	58	100

Total Luminaire Efficiency = 58%

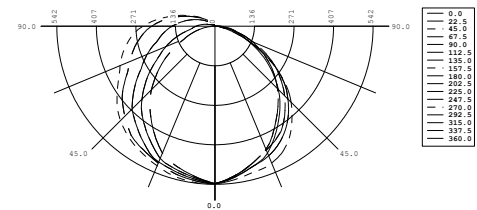
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	11742	11742	11742	11742	11742	11742	11742	11742
45.0	5382	7701	12851	7701	5382	6475	10354	6475
55.0	4018	6710	13670	6710	4018	5267	8702	5267
65.0	2602	5934	15362	5934	2602	3739	5931	3739
75.0	1577	5337	20043	5337	1577	1959	3031	1959
85.0	567	5294	33079	5294	567	536	2023	536

Coefficients of Utilization

pfc= 0.20

pcc-	0.80			0.70			0.50			0.30			0.10			0.0
pw->	0.7	0.3	0.1	0.7	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	67	67	67	65	65	65	65	61	61	58	58	58	54	54	54	53
1	61	57	55	52	58	56	53	51	52	50	48	49	48	46	46	44
2	55	50	45	42	53	48	44	41	45	42	39	43	40	38	40	36
3	50	43	38	34	48	42	38	34	40	36	33	37	34	32	35	30
4	46	38	33	29	44	37	32	29	35	31	28	33	30	27	32	26
5	42	34	29	25	40	33	28	25	31	27	24	30	26	23	28	22
6	39	31	25	22	37	30	25	21	28	24	21	27	23	20	26	20
7	36	28	23	19	34	27	22	19	26	21	18	25	21	18	23	17
8	33	25	20	17	32	25	20	17	24	19	16	22	19	16	21	16
9	31	23	18	15	30	23	18	15	22	18	15	21	17	14	20	14
10	29	21	17	14	28	21	17	14	20	16	13	19	16	13	18	13





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5	360.0
0.0	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540
2.5	533	533	533	535	538	535	533	533	533	535	537	539	541	539	537	535	533
5.0	527	525	526	529	534	529	526	525	527	529	533	537	542	537	533	529	527
7.5	520	517	517	522	530	522	517	517	520	524	529	534	540	534	529	524	520
10.0	513	508	508	514	525	514	508	508	513	519	525	531	538	531	525	519	513
12.5	506	499	498	506	521	506	498	499	506	514	521	528	536	528	521	514	506
15.0	499	489	488	498	517	498	488	489	499	509	517	524	533	524	517	509	499
17.5	491	478	478	493	516	493	478	478	491	504	512	519	529	519	512	504	491
20.0	484	468	468	488	514	488	468	468	484	499	508	514	524	514	508	499	484
22.5	471	457	460	481	508	481	460	457	471	491	504	508	518	508	504	491	471
25.0	454	443	452	473	501	473	452	443	454	477	499	502	513	502	499	477	454
27.5	437	425	444	463	493	463	444	425	437	462	488	496	507	496	488	462	437
30.0	419	406	434	452	481	452	434	406	419	448	475	490	501	490	475	448	419
32.5	401	388	424	439	468	439	424	388	401	434	463	485	496	485	463	434	401
35.0	383	371	408	425	451	425	408	371	383	419	451	479	490	479	451	419	383
37.5	365	354	392	409	432	409	392	354	365	405	438	472	483	472	438	405	365
40.0	347	337	374	392	411	392	374	337	347	390	426	460	475	460	426	390	347
42.5	328	321	356	373	391	373	356	321	328	374	414	449	467	449	414	374	328
45.0	308	304	338	354	369	354	338	304	308	354	402	437	458	437	402	354	308
47.5	286	286	319	335	347	335	319	286	286	334	384	425	448	425	384	334	286
50.0	264	269	299	314	321	314	299	269	264	314	366	413	437	413	366	314	264
52.5	243	250	279	289	291	289	279	250	243	294	348	401	423	401	348	294	243
55.0	221	232	259	263	261	263	259	232	221	273	330	386	410	386	330	273	221
57.5	199	213	237	235	230	235	237	213	199	252	311	369	396	369	311	252	199
60.0	177	195	214	204	200	204	214	195	177	231	292	353	383	353	292	231	177
62.5	155	176	191	173	168	173	191	176	155	213	279	337	371	337	279	213	155
65.0	133	157	167	142	139	142	167	157	133	198	265	326	360	326	265	198	133
67.5	115	139	142	113	115	113	142	139	115	182	252	317	352	317	252	182	115
70.0	101	120	119	89	87	89	119	120	101	166	237	306	342	306	237	166	101
72.5	86	100	97	66	64	66	97	100	86	150	223	296	334	296	223	150	86
75.0	72	81	76	47	49	47	76	81	72	134	207	286	324	286	207	134	72
77.5	59	69	57	34	38	34	57	69	59	117	197	276	313	276	197	117	59
80.0	46	58	41	26	26	26	41	58	46	101	188	264	302	264	188	101	46
82.5	34	48	28	18	21	18	28	48	34	86	178	254	291	254	178	86	34
85.0	22	38	17	13	17	13	17	38	22	78	168	243	278	243	168	78	22
87.5	11	29	10	9	14	9	10	29	11	72	158	231	264	231	158	72	11
90.0	0	21	8	6	11	6	8	21	0	65	147	217	247	217	147	65	0
92.5	0	14	6	4	9	4	6	14	0	58	136	203	230	203	136	58	0
95.0	0	7	4	3	6	3	4	7	0	51	126	188	212	188	126	51	0
97.5	0	1	3	2	4	2	3	1	0	44	115	173	193	173	115	44	0
100.0	0	0	2	1	2	1	2	0	0	38	105	157	174	157	105	38	0
102.5	0	0	1	1	1	1	1	0	0	32	95	142	157	142	95	32	0
105.0	0	0	0	0	0	0	0	0	0	26	85	127	140	127	85	26	0
107.5	0	0	0	0	0	0	0	0	0	21	75	113	124	113	75	21	0
110.0	0	0	0	0	0	0	0	0	0	17	66	100	108	100	66	17	0
112.5	0	0	0	0	0	0	0	0	0	14	58	87	94	87	58	14	0
115.0	0	0	0	0	0	0	0	0	0	11	51	76	82	76	51	11	0
117.5	0	0	0	0	0	0	0	0	0	8	44	66	71	66	44	8	0
120.0	0	0	0	0	0	0	0	0	0	5	37	57	62	57	37	5	0
122.5	0	0	0	0	0	0	0	0	0	4	31	49	54	49	31	4	0
125.0	0	0	0	0	0	0	0	0	0	2	26	42	46	42	26	2	0
127.5	0	0	0	0	0	0	0	0	0	1	21	36	40	36	21	1	0
130.0	0	0	0	0	0	0	0	0	0	0	17	31	34	31	17	0	0
132.5	0	0	0	0	0	0	0	0	0	0	14	26	29	26	14	0	0
135.0	0	0	0	0	0	0	0	0	0	0	11	21	24	21	11	0	0
137.5	0	0	0	0	0	0	0	0	0	0	8	18	20	18	8	0	0
140.0	0	0	0	0	0	0	0	0	0	0	5	14	16	14	5	0	0
142.5	0	0	0	0	0	0	0	0	0	0	3	11	13	11	3	0	0
145.0	0	0	0	0	0	0	0	0	0	0	1	8	10	8	1	0	0
147.5	0	0	0	0	0	0	0	0	0	0	0	6	8	6	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0	0	3	5	3	0	0	0
152.5	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0
155.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0