



Photometric Report

Number of lamps: 2
 Lumens per lamp: 2850.00
 Input watts: 52.90
 Distribution: Semi-Direct
 Efficiency: 56.0
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.318
 90-270 Axis: 3.740
 Height: 0.318
 Spacing Criteria (0): 0.99
 Spacing Criteria (90): 1.19
 Spacing Criteria (Four Luminaires): 1.09

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	685	12	21
0-40	1051	18	33
0-60	1666	29	52
0-90	2393	42	75
90-120	680	12	21
90-150	792	14	25
90-180	800	14	25
0-180	3194	56	100

Total Luminaire Efficiency = 56%

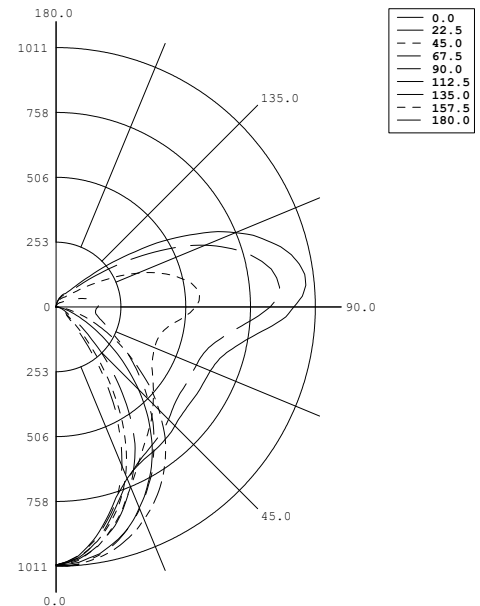
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	9114	9114	9114	9114	9114
45.0	4196	3879	6696	1776	634
55.0	4183	3460	5226	686	299
65.0	4418	3396	3554	300	245
75.0	5089	3806	1967	145	148
85.0	7075	5267	369	21	25

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	63	63	63	60	60	60	60	55	55	55	49	49	49	44	44	44	42	
1	57	53	51	48	53	51	48	46	46	44	42	41	40	38	37	36	35	
2	51	46	42	39	48	44	40	37	40	37	34	36	33	31	32	30	29	
3	47	41	36	32	44	39	35	31	35	32	29	32	29	27	29	26	24	
4	43	36	31	27	41	34	30	27	31	28	25	28	25	23	26	23	21	
5	40	32	27	24	37	31	26	23	28	24	21	26	22	20	23	21	19	
6	37	29	24	21	35	28	24	20	26	22	19	23	20	18	21	19	16	
7	34	27	22	18	32	26	21	18	23	20	17	21	18	16	20	17	15	
8	32	24	20	17	30	23	19	16	21	18	15	20	17	14	18	15	13	
9	30	22	18	15	28	22	17	15	20	16	14	18	15	13	17	14	12	
10	28	21	16	14	26	20	16	13	18	15	13	17	14	12	16	13	11	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	1006	1006	1006	1006	1006	1006	1006	1006	1006
2.5	994	997	1002	1009	1011	1004	998	994	993
5.0	976	983	992	1006	1007	1000	988	982	974
7.5	943	957	969	994	998	987	968	955	946
10.0	907	925	946	981	990	977	944	927	915
12.5	864	885	913	964	978	957	914	892	872
15.0	821	842	878	941	962	937	884	853	831
17.5	778	800	841	913	943	913	845	812	786
20.0	749	763	797	885	922	883	801	763	729
22.5	724	730	759	852	896	848	758	709	671
25.0	706	706	724	818	871	815	711	650	602
27.5	694	688	692	781	842	776	665	584	528
30.0	686	674	664	747	811	739	615	517	460
32.5	681	664	638	704	777	697	553	442	382
35.0	678	655	617	666	740	652	491	371	310
37.5	673	647	596	626	702	603	424	299	236
40.0	668	639	577	588	661	556	361	237	178
42.5	663	630	556	543	612	505	300	180	134
45.0	655	620	535	505	567	454	245	136	99
47.5	648	609	514	467	520	401	190	100	73
50.0	645	599	495	427	472	350	152	76	59
52.5	643	593	476	392	418	303	117	61	51
55.0	643	589	459	358	371	253	91	51	46
57.5	645	589	443	326	324	212	70	45	43
60.0	646	589	432	297	280	175	55	41	41
62.5	646	589	425	267	235	140	45	38	38
65.0	648	590	419	244	196	111	37	35	36
67.5	651	592	415	223	161	88	31	31	31
70.0	658	595	414	205	129	68	26	28	28
72.5	669	603	415	190	100	53	21	24	25
75.0	688	615	420	176	74	39	16	20	20
77.5	716	636	429	166	51	27	12	16	15
80.0	750	664	444	158	34	18	8	12	10
82.5	793	699	467	155	17	10	6	7	7
85.0	846	742	495	155	7	4	2	5	3
87.5	897	791	523	157	0	0	0	2	2
90.0	927	835	544	163	0	0	0	0	0
92.5	961	866	558	166	0	0	0	0	0
95.0	978	875	561	163	0	0	0	0	0
97.5	978	868	552	157	0	0	0	0	0
100.0	963	852	535	149	0	0	0	0	0
102.5	940	822	505	137	0	0	0	0	0
105.0	907	785	474	124	0	0	0	0	0
107.5	862	739	435	110	0	0	0	0	0
110.0	818	687	393	96	0	0	0	0	0
112.5	757	630	345	82	0	0	0	0	0
115.0	696	565	296	70	0	0	0	0	0
117.5	617	490	246	59	0	0	0	0	0
120.0	541	414	201	50	0	0	0	0	0
122.5	465	345	163	44	0	0	0	0	0
125.0	376	274	133	38	0	0	0	0	0
127.5	303	216	103	34	0	0	0	0	0
130.0	239	168	86	30	0	0	0	0	0
132.5	178	129	71	26	0	0	0	0	0
135.0	138	100	63	25	0	0	0	0	0
137.5	107	81	54	23	0	0	0	0	0
140.0	84	70	50	22	0	0	0	0	0
142.5	74	63	48	21	0	0	0	0	0
145.0	64	57	43	17	0	0	0	0	0
147.5	61	54	41	17	0	0	0	0	0
150.0	58	51	38	16	0	0	0	0	0
152.5	53	46	35	14	0	0	0	0	0
155.0	48	41	30	11	0	0	0	0	0
157.5	41	36	25	9	0	0	0	0	0
160.0	38	31	21	7	0	0	0	0	0
162.5	30	25	16	6	0	0	0	0	0
165.0	25	20	13	6	0	0	0	0	0
167.5	20	15	8	5	0	0	0	0	0
170.0	13	8	6	4	0	0	0	0	0
172.5	8	5	5	3	0	0	0	0	0
175.0	5	2	3	2	0	0	0	0	0
177.5	2	1	2	2	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0