



Photometric Report

Number of lamps: 2
 Lumens per lamp: 3850.00
 Input watts: 100.00
 Distribution: Semi-Direct
 Efficiency: 72.2
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.980
 90-270 Axis: 0.417
 Height: 0.271
 Spacing Criteria (0): 1.21
 Spacing Criteria (90): 1.51
 Spacing Criteria (Four Luminaires): 1.52

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	841	11	15
0-40	1415	18	25
0-60	2713	35	49
0-90	4327	56	78
90-120	908	12	16
90-150	1207	16	22
90-180	1232	16	22
0-180	5559	72	100

Total Luminaire Efficiency = 72%

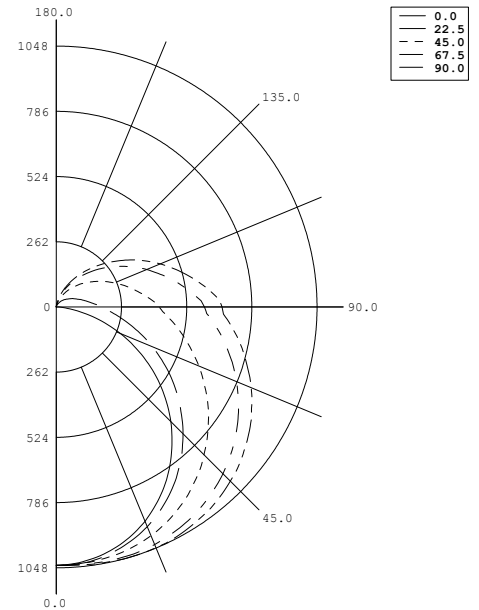
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6732	6732	6732
45.0	5590	5104	5498
55.0	5060	4896	5495
65.0	4298	4739	5565
75.0	3017	4709	5743
85.0	879	4911	6145

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	82	82	82	78	78	78	78	71	71	71	65	65	65	59	59	59	56	
1	72	68	64	60	69	65	61	58	59	56	53	53	51	49	48	46	45	
2	65	58	52	47	61	55	50	46	50	46	42	45	42	39	41	38	36	
3	59	50	44	38	55	48	42	37	43	38	34	39	35	32	35	32	29	
4	53	44	37	32	50	42	36	31	38	33	29	34	30	26	31	27	24	
5	49	39	32	27	46	37	31	26	34	28	24	31	26	23	28	24	21	
6	45	35	28	23	42	33	27	22	30	25	21	28	23	19	25	21	18	
7	41	31	25	20	39	30	24	20	27	22	18	25	20	17	23	19	16	
8	38	28	22	18	36	27	21	17	25	20	16	23	18	15	21	17	14	
9	36	26	20	16	34	25	19	15	23	18	14	21	17	14	19	15	13	
10	34	24	18	14	32	23	17	14	21	16	13	19	15	12	18	14	11	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1038	1038	1038	1038	1038
2.5	1036	1040	1037	1038	1038
5.0	1032	1036	1035	1040	1040
7.5	1024	1032	1034	1040	1043
10.0	1015	1024	1030	1041	1045
12.5	1003	1014	1026	1042	1046
15.0	989	1002	1021	1040	1048
17.5	972	988	1013	1040	1048
20.0	953	973	1005	1037	1048
22.5	932	955	995	1033	1047
25.0	907	936	983	1027	1046
27.5	881	914	970	1021	1042
30.0	854	891	955	1014	1037
32.5	824	866	939	1006	1031
35.0	792	840	922	996	1025
37.5	758	811	902	985	1019
40.0	723	784	883	973	1010
42.5	687	751	863	961	1000
45.0	651	720	839	947	989
47.5	612	688	817	932	979
50.0	572	654	794	916	966
52.5	532	621	770	900	951
55.0	491	588	747	882	937
57.5	449	554	722	864	921
60.0	406	520	696	845	905
62.5	362	485	670	825	885
65.0	321	451	645	804	868
67.5	277	418	620	784	848
70.0	234	386	594	762	828
72.5	192	353	568	741	806
75.0	151	322	544	718	785
77.5	111	293	520	696	764
80.0	76	266	496	674	742
82.5	45	241	473	651	718
85.0	21	218	449	628	696
87.5	6	197	428	605	672
90.0	0	181	413	595	666
92.5	0	168	398	582	656
95.0	0	152	378	557	631
97.5	0	139	359	533	606
100.0	0	128	339	509	580
102.5	0	118	321	487	554
105.0	0	109	304	462	528
107.5	0	101	287	438	503
110.0	0	92	270	415	477
112.5	0	85	252	394	453
115.0	0	79	237	371	427
117.5	0	74	222	348	402
120.0	0	67	207	326	377
122.5	0	61	192	304	352
125.0	0	56	177	283	327
127.5	0	52	163	263	302
130.0	0	47	151	242	280
132.5	0	44	139	223	257
135.0	0	39	127	203	235
137.5	0	35	114	184	214
140.0	0	32	102	167	193
142.5	0	28	92	150	174
145.0	0	24	82	133	154
147.5	0	21	71	116	137
150.0	0	16	61	102	119
152.5	0	14	52	88	102
155.0	0	11	44	73	86
157.5	0	10	35	60	71
160.0	0	7	28	48	57
162.5	0	4	21	38	44
165.0	0	2	15	27	32
167.5	0	0	9	18	21
170.0	0	0	6	10	13
172.5	0	0	2	4	6
175.0	0	0	0	0	1
177.5	0	0	0	0	0
180.0	0	0	0	0	0