



Photometric Report

Number of lamps: 1
 Lumens per lamp: 40000.00
 Input watts: 400.00
 Distribution: Direct
 Efficiency: 62.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 1.667
 90-270 Axis: 1.667
 Height: 0.000
 Spacing Criteria (0): 1.72
 Spacing Criteria (90): 1.19
 Spacing Criteria (Four Luminaires): 1.21

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	6507	16	26
0-40	10182	25	41
0-60	16822	42	67
0-90	23646	59	94
90-120	1448	4	6
90-150	1454	4	6
90-180	1454	4	6
0-180	25099	63	100

Total Luminaire Efficiency = 63%

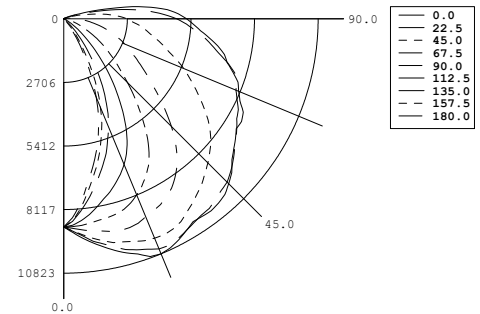
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	34323	34323	34323	34323	34323
45.0	54360	47510	20993	2888	0
55.0	60199	50640	14747	0	0
65.0	75770	53967	8967	0	0
75.0	107718	65694	4626	0	0
85.0	259640	143558	1334	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	74	74	74	74	72	72	72	68	68	68	64	64	64	61	61	61	59	
1	66	63	59	56	64	61	58	55	57	55	53	54	52	50	51	50	48	47
2	60	54	49	45	58	53	48	45	50	46	43	47	44	41	45	42	40	38
3	55	47	42	38	53	46	41	37	44	39	36	41	38	35	39	36	34	32
4	50	42	36	32	48	41	36	31	39	34	31	37	33	30	35	32	29	28
5	46	38	32	28	44	37	31	27	35	30	27	33	29	26	32	28	25	24
6	43	34	28	24	41	33	28	24	32	27	23	30	26	23	29	25	22	21
7	40	31	25	21	38	30	25	21	29	24	21	28	24	20	27	23	20	19
8	37	28	23	19	36	28	23	19	27	22	19	26	21	18	25	21	18	17
9	35	26	21	17	33	26	21	17	25	20	17	24	20	17	23	19	16	15
10	32	24	19	16	31	24	19	16	23	18	15	22	18	15	21	18	15	14





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	8858	8858	8858	8858	8858	8858	8858	8858	8858
2.5	9107	9047	9032	8926	8851	8791	8625	8610	8475
5.0	9378	9272	9227	9017	8821	8618	8226	8121	7933
7.5	9619	9543	9415	9099	8761	8399	7797	7526	7270
10.0	9859	9724	9589	9167	8700	8128	7338	6962	6668
12.5	10100	9942	9754	9265	8663	7850	6887	6443	6096
15.0	10311	10161	9822	9325	8603	7617	6435	5886	5539
17.5	10492	10304	9927	9318	8505	7331	5998	5299	4922
20.0	10763	10431	10048	9257	8332	7045	5464	4734	4305
22.5	10823	10597	10100	9114	8113	6706	4982	4079	3613
25.0	10748	10627	10130	9017	7857	6322	4456	3440	2890
27.5	10597	10537	10078	8911	7549	5840	3853	2755	2198
30.0	10416	10409	9965	8738	7210	5283	3297	2130	1641
32.5	10236	10296	9747	8542	6751	4674	2672	1573	1129
35.0	10266	10198	9558	8249	6217	4049	2077	1152	753
37.5	10296	10168	9348	7910	5592	3462	1588	775	437
40.0	10236	10033	9144	7489	4982	2890	1167	474	0
42.5	10145	9912	8896	6999	4388	2363	805	0	0
45.0	9920	9829	8670	6473	3831	1889	527	0	0
47.5	9694	9626	8414	5916	3304	1460	294	0	0
50.0	9333	9400	8174	5374	2905	1106	0	0	0
52.5	9107	9152	7850	4870	2514	835	0	0	0
55.0	8911	8934	7496	4418	2183	595	0	0	0
57.5	8700	8723	7075	4034	1859	406	0	0	0
60.0	8731	8497	6661	3673	1528	256	0	0	0
62.5	8610	8369	6269	3357	1227	135	0	0	0
65.0	8264	8128	5886	3078	978	0	0	0	0
67.5	8053	7925	5524	2800	768	0	0	0	0
70.0	7888	7827	5110	2544	587	0	0	0	0
72.5	7541	7617	4704	2250	429	0	0	0	0
75.0	7195	7210	4388	1987	309	0	0	0	0
77.5	6999	6744	4057	1716	203	0	0	0	0
80.0	6653	6375	3748	1453	128	0	0	0	0
82.5	6247	6021	3492	1197	68	0	0	0	0
85.0	5840	5592	3229	993	30	0	0	0	0
87.5	5524	5223	2920	790	0	0	0	0	0
90.0	5223	4802	2683	587	0	0	0	0	0
92.5	4877	4267	2371	437	0	0	0	0	0
95.0	4425	3673	1972	316	0	0	0	0	0
97.5	3748	2980	1558	203	0	0	0	0	0
100.0	2965	2243	1099	128	0	0	0	0	0
102.5	2017	1513	760	90	0	0	0	0	0
105.0	1279	918	482	30	0	0	0	0	0
107.5	707	519	286	15	0	0	0	0	0
110.0	406	301	173	0	0	0	0	0	0
112.5	256	188	105	15	0	0	0	0	0
115.0	151	113	53	0	0	0	0	0	0
117.5	105	68	23	0	0	0	0	0	0
120.0	60	45	8	0	0	0	0	0	0
122.5	45	30	8	0	0	0	0	0	0
125.0	30	15	8	0	0	0	0	0	0
127.5	30	15	15	0	0	0	0	0	0
130.0	15	8	0	0	0	0	0	0	0
132.5	0	8	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0	0	0
145.0	0	0	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0
152.5	0	0	0	0	0	0	0	0	0
155.0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0