



Photometric Report

Number of lamps: 4
 Lumens per lamp: 14500.00
 Input watts: 590.00
 Distribution: Direct-Indirect
 Efficiency: 43.6
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.000
 90-270 Axis: 7.560
 Height: 1.700
 Spacing Criteria (0): -0.01
 Spacing Criteria (90): -0.01
 Spacing Criteria (Four Luminaires): -0.01

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	526	1	2
0-40	1373	2	5
0-60	4799	8	19
0-90	13681	24	54
90-120	7946	14	31
90-150	11277	19	45
90-180	11621	20	46
0-180	25302	44	100

Total Luminaire Efficiency = 44%

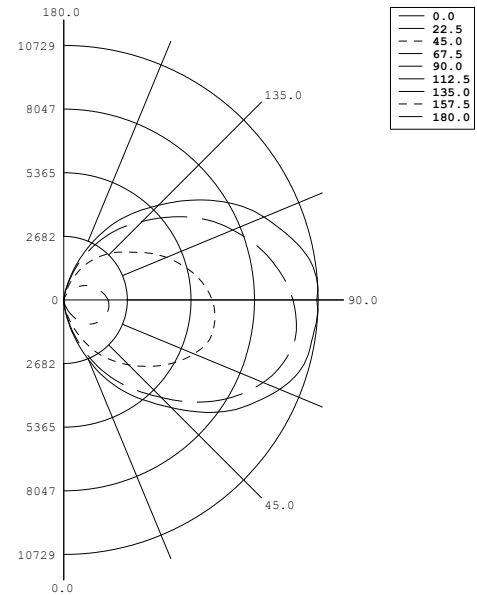
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	0	0	0	0	0
45.0	7611	6487	0	0	0
55.0	8391	7016	0	0	0
65.0	8831	7522	0	0	0
75.0	9100	7820	0	0	0
85.0	8993	7603	0	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	47	47	47	47	44	44	44	44	37	37	37	31	31	31	26	26	26	24
1	40	37	34	32	37	34	31	29	28	26	25	23	22	20	19	17	16	14
2	35	31	27	24	32	28	25	22	23	20	18	19	17	15	15	13	12	9
3	32	26	22	18	29	24	20	17	20	16	14	16	13	11	12	10	9	7
4	28	22	18	15	26	20	17	13	17	14	11	13	11	9	10	8	7	5
5	26	20	15	12	23	18	14	11	15	11	9	12	9	7	9	7	5	4
6	24	17	13	10	21	16	12	9	13	10	7	10	8	6	8	6	4	3
7	22	15	11	8	20	14	10	8	12	9	6	9	7	5	7	5	4	2
8	20	14	10	7	18	13	9	7	10	7	5	8	6	4	6	4	3	2
9	19	12	9	6	17	11	8	6	9	7	5	8	5	4	6	4	3	2
10	17	11	8	5	16	10	7	5	9	6	4	7	5	3	5	4	2	1





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	0	0	0	0	0	0	0	0	0
2.5	1	0	0	0	0	0	0	0	0
5.0	138	118	59	1	0	0	0	0	0
7.5	411	347	173	23	0	0	0	0	0
10.0	695	607	359	77	0	0	0	0	0
12.5	1056	914	556	131	0	0	0	0	0
15.0	1444	1258	772	217	0	0	0	0	0
17.5	1854	1619	1015	310	0	0	0	0	0
20.0	2291	2000	1275	400	0	0	0	0	0
22.5	2706	2397	1538	506	0	0	0	0	0
25.0	3219	2800	1800	611	0	0	0	0	0
27.5	3656	3219	2090	713	0	0	0	0	0
30.0	4072	3601	2382	826	0	0	0	0	0
32.5	4481	3975	2661	935	0	0	0	0	0
35.0	4858	4349	2907	1042	0	0	0	0	0
37.5	5240	4709	3147	1146	0	0	0	0	0
40.0	5596	5064	3387	1243	0	0	0	0	0
42.5	6006	5427	3630	1333	0	0	0	0	0
45.0	6426	5817	3873	1426	0	0	0	0	0
47.5	6880	6239	4113	1512	0	0	0	0	0
50.0	7339	6670	4353	1573	0	0	0	0	0
52.5	7797	7080	4602	1630	0	0	0	0	0
55.0	8207	7475	4852	1682	0	0	0	0	0
57.5	8600	7852	5091	1728	0	0	0	0	0
60.0	8922	8206	5322	1767	0	0	0	0	0
62.5	9234	8534	5546	1801	0	0	0	0	0
65.0	9556	8834	5756	1831	0	0	0	0	0
67.5	9856	9107	5948	1856	0	0	0	0	0
70.0	10129	9347	6122	1878	0	0	0	0	0
72.5	10342	9535	6278	1901	0	0	0	0	0
75.0	10495	9691	6377	1918	0	0	0	0	0
77.5	10571	9809	6419	1927	0	0	0	0	0
80.0	10593	9897	6435	1928	0	0	0	0	0
82.5	10631	9900	6427	1923	0	0	0	0	0
85.0	10697	9845	6395	1911	0	0	0	0	0
87.5	10729	9769	6338	1892	0	0	0	0	0
90.0	10671	9669	6258	1866	0	0	0	0	0
92.5	10729	9538	6150	1830	0	0	0	0	0
95.0	10702	9378	6020	1788	0	0	0	0	0
97.5	10614	9188	5871	1740	0	0	0	0	0
100.0	10461	8983	5702	1686	0	0	0	0	0
102.5	10237	8771	5515	1628	0	0	0	0	0
105.0	9974	8534	5311	1564	0	0	0	0	0
107.5	9690	8272	5107	1497	0	0	0	0	0
110.0	9412	7988	4906	1425	0	0	0	0	0
112.5	9139	7712	4692	1366	0	0	0	0	0
115.0	8860	7436	4467	1314	0	0	0	0	0
117.5	8526	7142	4231	1258	0	0	0	0	0
120.0	8149	6823	3986	1198	0	0	0	0	0
122.5	7756	6482	3748	1133	0	0	0	0	0
125.0	7346	6121	3510	1063	0	0	0	0	0
127.5	6915	5752	3329	986	0	0	0	0	0
130.0	6499	5391	3146	912	0	0	0	0	0
132.5	6062	5033	2968	839	0	0	0	0	0
135.0	5647	4691	2785	782	0	0	0	0	0
137.5	5254	4373	2599	722	0	0	0	0	0
140.0	4888	4065	2407	662	0	0	0	0	0
142.5	4511	3749	2213	596	0	0	0	0	0
145.0	4134	3418	2022	525	0	0	0	0	0
147.5	3746	3079	1824	457	0	0	0	0	0
150.0	3309	2739	1612	386	0	0	0	0	0
152.5	2894	2391	1381	310	0	0	0	0	0
155.0	2468	2042	1147	247	0	0	0	0	0
157.5	2042	1697	942	183	0	0	0	0	0
160.0	1643	1352	737	114	0	0	0	0	0
162.5	1250	1029	537	71	0	0	0	0	0
165.0	889	729	370	30	0	0	0	0	0
167.5	562	470	218	0	0	0	0	0	0
170.0	332	259	88	0	0	0	0	0	0
172.5	103	81	12	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