



Photometric Report

Number of lamps: 1
 Lumens per lamp: 9500.00
 Input watts: 100.00
 Distribution: Direct
 Efficiency: 61.1
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.958
 90-270 Axis: 0.958
 Height: 0.177
 Spacing Criteria (0): 1.03
 Spacing Criteria (90): 1.37
 Spacing Criteria (Four Luminaires): 1.40

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1810	19	31
0-40	2895	30	50
0-60	4925	52	85
0-90	5645	59	97
90-120	141	1	2
90-150	161	2	3
90-180	163	2	3
0-180	5807	61	100

Total Luminaire Efficiency = 61%

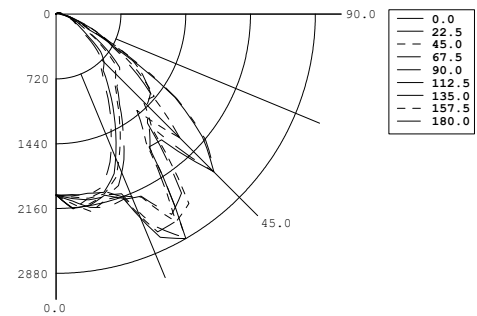
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	23571	23571	23571	23571	23571
45.0	10552	18004	27156	18766	10098
55.0	7174	16533	18981	14970	6189
65.0	4993	9764	8624	9528	4576
75.0	4135	4693	5028	4672	3827
85.0	2716	2762	2469	2890	2633

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	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0.1	
RCR																	
0	73	73	73	71	71	71	71	67	67	67	64	64	64	61	61	61	60
1	67	65	62	60	65	63	61	59	60	59	57	58	56	55	55	54	53
2	62	57	53	50	60	56	52	50	54	51	48	51	49	47	49	47	46
3	57	51	46	43	55	50	45	42	48	44	41	46	43	40	44	41	39
4	52	45	40	36	51	44	40	36	43	39	35	41	38	35	40	37	34
5	48	41	35	32	47	40	35	31	38	34	31	37	33	30	36	33	30
6	45	37	32	28	43	36	31	28	35	30	27	34	30	27	33	29	27
7	41	33	28	25	40	33	28	24	32	27	24	31	27	24	30	26	24
8	38	30	25	22	37	30	25	22	29	25	22	28	24	21	27	24	21
9	36	28	23	20	35	28	23	20	27	22	19	26	22	19	25	22	19
10	34	26	21	18	33	25	21	18	25	21	18	24	20	18	23	20	17





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	2011	2011	2011	2011	2011	2011	2011	2011	2011
5.0	2028	2057	2117	2172	2170	2166	2085	2039	2013
10.0	2021	2095	2225	2141	2076	2157	2181	2078	2044
15.0	2051	2100	2134	2077	2033	2083	2219	2068	1988
20.0	1887	2028	2148	2125	2161	2177	2190	1936	1750
25.0	1575	1784	2244	2601	2670	2735	2232	1672	1447
30.0	1287	1485	2664	2872	2658	2880	2569	1416	1185
35.0	1028	1230	2570	1819	1744	1799	2429	1183	928
40.0	813	1051	1658	1604	1396	1822	1579	1014	773
45.0	754	994	1370	2484	1941	2476	1428	938	722
50.0	646	922	1421	2163	1370	2121	1369	847	560
55.0	444	685	1111	1633	1174	1611	1006	624	383
60.0	322	460	772	909	943	807	725	437	299
65.0	251	324	549	420	434	390	536	314	230
70.0	200	241	353	306	212	295	339	238	189
75.0	154	169	205	215	188	204	204	169	143
80.0	101	112	125	139	95	133	124	109	99
85.0	63	73	82	96	57	87	86	73	61
90.0	42	56	64	75	49	69	66	54	44
95.0	42	54	61	69	43	63	61	53	44
100.0	40	50	57	61	38	57	56	50	42
105.0	36	42	50	58	35	53	50	44	36
110.0	30	35	40	52	32	47	40	37	34
115.0	29	30	29	42	29	38	31	31	30
120.0	25	25	18	30	27	27	20	27	25
125.0	23	21	8	17	20	16	10	23	25
130.0	23	15	0	9	12	9	1	19	25
135.0	8	0	0	0	5	0	0	6	19
140.0	0	0	0	0	0	0	0	1	0
145.0	2	2	1	0	0	0	1	1	2
150.0	4	3	2	1	1	1	1	3	2
155.0	2	3	2	0	0	1	1	3	2
160.0	4	4	3	3	2	2	3	4	4
165.0	4	3	2	1	0	1	2	3	2
170.0	4	4	3	1	1	2	3	4	4
175.0	4	3	3	1	2	2	3	4	4
180.0	3	3	3	3	3	3	3	3	3