



**Photometric Report**

Number of lamps: 1  
 Lumens per lamp: 3050.00  
 Input watts: 49.00  
 Distribution: Semi-Direct  
 Efficiency: 59.7  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 0.240  
 90-270 Axis: 3.990  
 Height: 0.188  
 Spacing Criteria (0): 1.75  
 Spacing Criteria (90): 1.19  
 Spacing Criteria (Four Luminaires): 1.50

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	317	10	17
0-40	527	17	29
0-60	987	32	54
0-90	1483	49	82
90-120	246	8	14
90-150	330	11	18
90-180	336	11	18
0-180	1819	60	100

Total Luminaire Efficiency = 60%

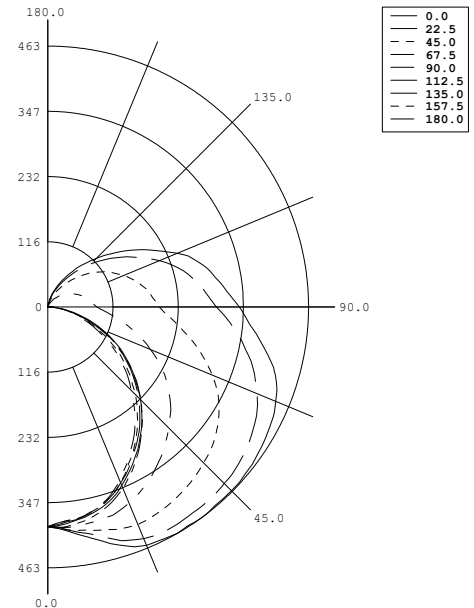
**Luminance Data in candela/square meter**

	0.0	45.0	90.0	135.0	180.0
0.0	4392	4392	4392	4392	4392
45.0	4118	3924	3559	2298	1876
55.0	4218	3931	3219	1837	1437
65.0	4417	3882	2808	1345	955
75.0	4605	3738	2073	764	533
85.0	4677	3656	756	235	195

**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	68	68	68	68	66	66	66	66	60	60	60	55	55	55	51	51	51	49
1	61	57	54	51	58	55	52	50	50	48	46	46	44	43	42	41	39	37
2	55	49	44	41	52	47	43	39	43	40	37	39	37	34	36	34	32	30
3	49	43	37	33	47	41	36	32	37	33	30	34	31	28	31	29	26	24
4	45	37	32	28	43	36	31	27	33	29	25	30	27	24	28	25	22	20
5	41	33	28	23	39	32	27	23	29	25	21	27	23	20	25	22	19	17
6	38	30	24	20	36	29	23	20	26	22	19	24	20	18	22	19	17	15
7	35	27	21	18	33	26	21	17	24	19	16	22	18	15	20	17	15	13
8	33	24	19	16	31	23	19	15	22	17	14	20	16	14	19	15	13	12
9	30	22	17	14	29	21	17	14	20	16	13	19	15	12	17	14	12	10
10	28	20	16	12	27	20	15	12	18	14	12	17	14	11	16	13	11	9





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	390	390	390	390	390	390	390	390	390
2.5	393	391	392	391	393	389	387	384	384
5.0	399	397	397	393	391	386	383	381	381
7.5	407	403	400	392	388	382	381	380	379
10.0	415	408	402	391	385	379	377	376	376
12.5	424	416	406	390	380	374	372	371	370
15.0	435	425	409	388	374	369	366	366	364
17.5	444	435	414	387	367	362	358	357	356
20.0	453	440	416	382	358	354	349	349	345
22.5	458	445	418	377	349	343	338	337	334
25.0	459	448	417	371	337	332	328	326	320
27.5	461	449	415	364	326	321	316	312	308
30.0	463	449	413	357	313	309	303	301	294
32.5	461	448	410	349	301	298	292	288	282
35.0	463	447	407	340	287	285	280	275	269
37.5	463	447	404	332	274	273	268	262	254
40.0	461	446	400	322	261	260	254	247	240
42.5	461	445	396	313	247	246	241	234	224
45.0	461	443	391	304	234	233	229	220	210
47.5	461	442	387	294	218	219	214	204	196
50.0	459	439	382	285	203	206	200	191	183
52.5	458	436	375	274	190	190	187	176	167
55.0	455	433	368	262	175	177	172	162	155
57.5	453	428	360	251	161	162	159	149	139
60.0	450	423	351	239	147	149	143	132	125
62.5	447	418	341	225	131	133	128	119	110
65.0	444	411	329	212	116	119	114	102	96
67.5	438	402	316	197	101	104	97	90	84
70.0	433	393	302	184	86	90	83	76	71
72.5	425	384	288	169	70	75	68	64	59
75.0	415	374	274	155	56	60	56	53	48
77.5	401	361	259	142	42	48	42	42	39
80.0	387	350	244	128	29	34	32	32	29
82.5	374	336	231	115	19	22	22	25	22
85.0	360	325	218	104	9	14	14	18	15
87.5	350	312	206	94	2	7	10	13	14
90.0	340	299	198	87	0	3	9	12	12
92.5	329	290	193	83	0	2	7	11	11
95.0	319	282	187	80	0	1	5	9	10
97.5	311	275	183	78	0	0	3	7	8
100.0	302	266	179	75	0	0	1	5	6
102.5	295	258	172	72	0	0	0	3	4
105.0	286	249	167	68	0	0	0	1	2
107.5	275	238	160	65	0	0	0	0	1
110.0	265	227	153	61	0	0	0	0	0
112.5	249	215	147	58	0	0	0	0	0
115.0	232	202	138	54	0	0	0	0	0
117.5	217	189	131	51	0	0	0	0	0
120.0	203	177	125	47	0	0	0	0	0
122.5	189	166	116	44	0	0	0	0	0
125.0	175	153	108	42	0	0	0	0	0
127.5	161	142	101	38	0	0	0	0	0
130.0	147	130	92	34	0	0	0	0	0
132.5	135	119	83	30	0	0	0	0	0
135.0	122	108	74	27	0	0	0	0	0
137.5	110	97	67	22	0	0	0	0	0
140.0	99	87	60	21	0	0	0	0	0
142.5	90	77	53	18	0	0	0	0	0
145.0	77	67	46	15	0	0	0	0	0
147.5	68	58	39	11	0	0	0	0	0
150.0	59	50	34	9	0	0	0	0	0
152.5	50	42	28	6	0	0	0	0	0
155.0	42	35	22	5	0	0	0	0	0
157.5	34	29	16	3	0	0	0	0	0
160.0	28	22	12	3	0	0	0	0	0
162.5	22	17	8	2	0	0	0	0	0
165.0	15	11	5	2	0	0	0	0	0
167.5	9	5	3	1	0	0	0	0	0
170.0	6	3	2	0	0	0	0	0	0
172.5	3	2	2	0	0	0	0	0	0
175.0	2	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