



# Photometric Report

Number of lamps: 1  
 Lumens per lamp: 3050.00  
 Input watts: 31.50  
 Distribution: Direct-Indirect  
 Efficiency: 67.2  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 3.980  
 90-270 Axis: 0.000  
 Height: 0.400  
 Spacing Criteria (0): 0.03  
 Spacing Criteria (90): 22.86  
 Spacing Criteria (Four Luminaires): 13.46

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	54	2	3
0-40	135	4	7
0-60	436	14	21
0-90	1109	36	54
90-120	629	21	31
90-150	908	30	44
90-180	940	31	46
0-180	2049	67	100

Total Luminaire Efficiency = 67%

### Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	0	0	0	0	0	0	0	0
45.0	0	4814	5603	4814	0	0	0	0
55.0	0	4891	5662	4891	0	0	0	0
65.0	0	4811	5580	4811	0	0	0	0
75.0	0	4643	5418	4643	0	0	0	0
85.0	0	4425	5226	4425	0	0	0	0

### Coefficients of Utilization

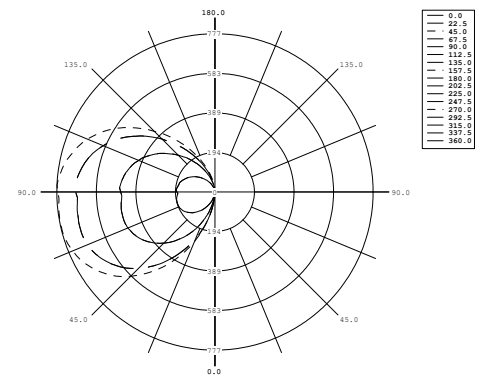
pfc= 0.20

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	73	73	73	73	67	67	67	67	57	57	57	48	48	48	40	40	40	36
1	62	58	53	50	57	53	49	46	44	41	39	36	34	32	29	27	26	22
2	55	48	42	37	50	44	39	34	37	32	29	30	26	24	23	21	19	15
3	49	41	34	29	45	37	32	27	31	26	22	25	21	18	19	16	14	11
4	44	35	29	23	40	32	26	22	27	22	18	21	18	14	16	13	11	8
5	40	31	24	19	37	28	22	18	23	18	15	19	15	12	14	11	9	6
6	37	27	21	16	33	25	19	15	21	16	12	16	13	10	13	10	7	5
7	34	24	18	14	31	22	16	12	18	14	10	15	11	8	11	8	6	4
8	31	22	16	12	28	20	14	11	16	12	9	13	10	7	10	7	5	3
9	29	20	14	10	26	18	13	9	15	11	8	12	9	6	9	6	4	3
10	27	18	12	9	25	16	11	8	14	9	7	11	8	5	9	6	4	2





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5	360.0
0.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.5	0	0	0	1	0	1	0	0	0	3	4	15	8	15	4	3	0
5.0	0	0	0	0	0	0	0	0	0	5	15	32	26	32	15	5	0
7.5	0	0	0	0	0	0	0	0	0	10	27	58	52	58	27	10	0
10.0	0	0	0	1	0	1	0	0	0	16	45	84	82	84	45	16	0
12.5	0	0	0	1	0	1	0	0	0	21	65	116	115	116	65	21	0
15.0	0	0	0	1	0	1	0	0	0	29	85	148	150	148	85	29	0
17.5	0	0	0	0	0	0	0	0	0	37	109	181	187	181	109	37	0
20.0	0	0	0	0	0	0	0	0	0	49	131	215	226	215	131	49	0
22.5	0	0	0	0	0	0	0	0	0	57	155	247	264	247	155	57	0
25.0	0	0	0	0	0	0	0	0	0	67	180	281	301	281	180	67	0
27.5	0	0	0	0	0	0	0	0	0	77	205	315	340	315	205	77	0
30.0	0	0	0	0	0	0	0	0	0	86	227	347	378	347	227	86	0
32.5	0	0	0	0	0	0	0	0	0	96	250	381	416	381	250	96	0
35.0	0	0	0	0	0	0	0	0	0	107	274	413	452	413	274	107	0
37.5	0	0	0	0	0	0	0	0	0	116	294	446	487	446	294	116	0
40.0	0	0	0	0	0	0	0	0	0	124	317	475	522	475	317	124	0
42.5	0	0	0	0	0	0	0	0	0	134	337	505	554	505	337	134	0
45.0	0	0	0	0	0	0	0	0	0	143	356	530	586	530	356	143	0
47.5	0	0	0	0	0	0	0	0	0	152	374	557	616	557	374	152	0
50.0	0	0	0	0	0	0	0	0	0	158	390	580	642	580	390	158	0
52.5	0	0	0	0	0	0	0	0	0	166	405	600	665	600	405	166	0
55.0	0	0	0	0	0	0	0	0	0	172	419	618	686	618	419	172	0
57.5	0	0	0	0	0	0	0	0	0	178	431	634	705	634	431	178	0
60.0	0	0	0	0	0	0	0	0	0	183	441	649	721	649	441	183	0
62.5	0	0	0	0	0	0	0	0	0	186	450	661	737	661	450	186	0
65.0	0	0	0	0	0	0	0	0	0	190	456	671	748	671	456	190	0
67.5	0	0	0	0	0	0	0	0	0	192	463	678	756	678	463	192	0
70.0	0	0	0	0	0	0	0	0	0	193	467	683	765	683	467	193	0
72.5	0	0	0	0	0	0	0	0	0	193	469	686	771	686	469	193	0
75.0	0	0	0	0	0	0	0	0	0	193	469	686	774	686	469	193	0
77.5	0	0	0	0	0	0	0	0	0	192	469	686	774	686	469	192	0
80.0	0	0	0	0	0	0	0	0	0	192	468	683	774	683	468	192	0
82.5	0	0	0	0	0	0	0	0	0	189	465	683	773	683	465	189	0
85.0	0	0	0	0	0	0	0	0	0	186	461	679	770	679	461	186	0
87.5	0	0	0	0	0	0	0	0	0	183	458	676	767	676	458	183	0
90.0	0	0	0	0	0	0	0	0	0	187	463	684	771	684	463	187	0
92.5	0	0	0	0	0	0	0	0	0	191	469	688	777	688	469	191	0
95.0	0	0	0	0	0	0	0	0	0	190	465	683	771	683	465	190	0
97.5	0	0	0	0	0	0	0	0	0	186	460	675	763	675	460	186	0
100.0	0	0	0	0	0	0	0	0	0	183	454	666	755	666	454	183	0
102.5	0	0	0	0	0	0	0	0	0	181	447	656	743	656	447	181	0
105.0	0	0	0	0	0	0	0	0	0	180	438	644	728	644	438	180	0
107.5	0	0	0	0	0	0	0	0	0	174	430	630	714	630	430	174	0
110.0	0	0	0	0	0	0	0	0	0	170	419	613	698	613	419	170	0
112.5	1	0	0	0	0	0	0	0	1	163	406	594	679	594	406	163	1
115.0	1	0	0	0	0	0	0	0	1	158	395	576	656	576	395	158	1
117.5	0	0	0	0	0	0	0	0	0	152	379	554	633	554	379	152	0
120.0	1	0	0	0	0	0	0	0	1	146	363	531	608	531	363	146	1
122.5	0	0	0	0	0	0	0	0	0	138	347	505	581	505	347	138	0
125.0	0	0	0	0	0	0	0	0	0	131	331	478	551	478	331	131	0
127.5	0	0	0	0	0	0	0	0	0	124	312	453	520	453	312	124	0
130.0	0	0	0	0	0	0	0	0	0	116	291	424	487	424	291	116	0
132.5	0	0	0	0	0	0	0	0	0	108	275	395	456	395	275	108	0
135.0	0	0	0	0	0	0	0	0	0	101	256	368	421	368	256	101	0
137.5	1	0	0	0	0	0	0	0	1	91	236	335	393	335	236	91	1
140.0	1	0	0	0	0	0	0	0	1	85	221	312	361	312	221	85	1
142.5	0	0	0	0	0	0	0	0	0	76	202	282	328	282	202	76	0
145.0	0	0	0	0	0	0	0	0	0	71	182	256	296	256	182	71	0
147.5	0	0	0	0	0	0	0	0	0	62	165	229	267	229	165	62	0
150.0	1	0	0	0	0	0	0	0	1	55	147	204	236	204	147	55	1
152.5	0	0	0	0	0	0	0	0	0	49	129	180	207	180	129	49	0
155.0	0	0	0	0	0	0	0	0	0	43	114	157	182	157	114	43	0
157.5	0	0	0	0	0	0	0	0	0	35	96	134	154	134	96	35	0
160.0	0	0	0	0	0	0	0	0	0	29	84	112	132	112	84	29	0
162.5	0	0	0	0	0	0	0	0	0	24	69	93	109	93	69	24	0
165.0	0	0	0	0	0	0	0	0	0	19	55	73	87	73	55	19	0
167.5	0	0	0	0	0	0	0	0	0	12	42	55	67	55	42	12	0
170.0	0	0	0	0	0	0	0	0	0	9	32	39	45	39	32	9	0
172.5	0	0	0	0	0	0	0	0	0	5	20	24	31	24	20	5	0
175.0	2	0	0	0	0	0	0	0	2	3	12	11	16	11	12	3	2
177.5	0	0	0	0	0	0	0	0	0	0	5	3	4	3	5	0	0
180.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0