



Photometric Report

Candela Distribution

Number of lamps: 1  
Lumens per lamp: 2400.00  
Input watts: 37.00  
Distribution: Direct-Indirect  
Efficiency: 62.3  
Photometric type: C  
Luminous shape: Rectangle  
Units: Feet  
Luminous Dimensions:  
0-180 Axis: 0.385  
90-270 Axis: 0.385  
Height: 1.864  
Spacing Criteria (0): 1.85  
Spacing Criteria (90): 1.87  
Spacing Criteria (Four Luminaires): 2.40

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	22	1	1
0-40	59	2	4
0-60	228	9	15
0-90	689	29	46
90-120	492	21	33
90-150	762	32	51
90-180	807	34	54
0-180	1496	62	100

Total Luminaire Efficiency = 62%

Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4700	4700	4700
45.0	1537	1137	1541
55.0	1785	1315	1781
65.0	1980	1471	2027
75.0	2183	1570	2181
85.0	2325	1657	2336

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	0.5	0.3	0.1	0.0	
RCR																					
0	66	66	66	66	61	61	61	61	51	51	51	41	41	41	41	33	33	33	29		
1	57	52	49	45	51	48	44	41	39	36	34	31	29	27	23	22	20	17			
2	50	44	38	34	45	40	35	31	32	28	25	25	22	20	18	16	14	11			
3	45	37	31	27	40	34	28	24	27	23	20	21	18	15	15	13	11	8			
4	41	32	26	21	36	29	24	19	23	19	16	18	15	12	13	10	8	6			
5	37	28	22	18	33	25	20	16	20	16	13	16	12	10	11	9	7	4			
6	34	25	19	15	30	23	17	13	18	14	11	14	10	8	10	7	5	3			
7	31	22	17	13	28	20	15	11	16	12	9	12	9	7	9	6	4	3			
8	29	20	15	11	26	18	13	10	14	11	8	11	8	6	8	6	4	2			
9	26	18	13	9	24	16	12	8	13	9	7	10	7	5	7	5	3	2			
10	25	16	11	8	22	15	10	7	12	8	6	9	6	4	7	4	3	1			

	0.0	22.5	45.0	67.5	90.0
0.0	65	65	65	65	65
5.0	30	34	37	31	32
10.0	17	15	15	15	17
15.0	16	15	14	15	14
20.0	21	20	20	19	20
25.0	31	30	31	30	29
30.0	44	43	43	44	44
35.0	57	58	58	60	57
40.0	73	72	73	72	73
45.0	88	88	87	86	88
50.0	100	101	100	101	100
55.0	112	112	112	113	111
60.0	124	124	125	123	124
65.0	131	133	134	134	134
70.0	141	140	141	142	142
75.0	149	150	149	149	148
80.0	153	153	155	154	154
85.0	157	157	158	159	158
90.0	159	161	161	162	161
95.0	161	161	162	161	163
100.0	161	162	162	162	161
105.0	159	158	159	158	160
110.0	156	155	156	156	154
115.0	151	149	149	151	151
120.0	143	144	143	144	144
125.0	134	136	135	135	136
130.0	129	125	125	127	129
135.0	115	117	116	117	118
140.0	104	103	103	105	106
145.0	94	94	91	93	91
150.0	79	80	80	81	80
155.0	65	65	67	65	66
160.0	53	54	53	52	52
165.0	39	40	43	41	42
170.0	25	26	24	26	25
175.0	14	11	11	12	11
180.0	8	8	8	8	8

