



C84323

# Photometric Report

Number of lamps: 4  
 Lumens per lamp: 3050.00  
 Input watts: 102.00  
 Distribution: Semi-Direct  
 Efficiency: 91.3  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 3.960  
 90-270 Axis: 0.990  
 Height: 0.320  
 Spacing Criteria (0): 1.23  
 Spacing Criteria (90): 1.35  
 Spacing Criteria (Four Luminaires): 1.43

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2225	18	20
0-40	3680	30	33
0-60	6724	55	60
0-90	9613	79	86
90-120	1118	9	10
90-150	1492	12	13
90-180	1527	13	14
0-180	11140	91	100

Total Luminaire Efficiency = 91%

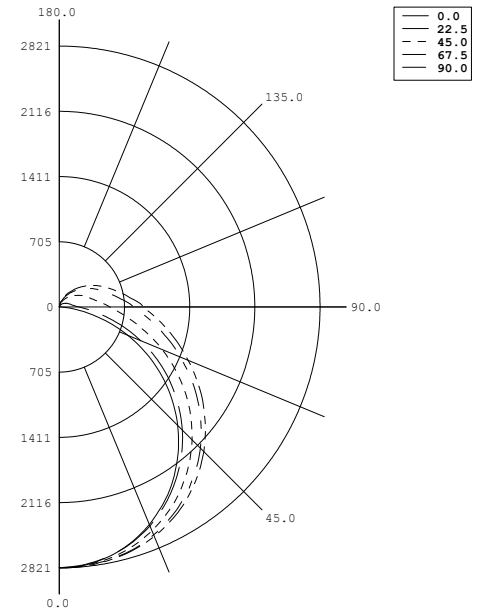
### Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7743	7743	7743
45.0	6506	6134	6488
55.0	5944	5698	6245
65.0	5094	5225	6097
75.0	3602	4785	6174
85.0	1064	4786	6831

### 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	0.0			
RCR																		
0	106	106	106	106	102	102	102	102	95	95	95	88	88	88	82	82	79	
1	95	89	85	81	91	86	82	78	80	76	73	74	71	69	69	67	65	62
2	85	77	70	64	82	74	68	62	69	64	59	64	60	56	59	56	53	50
3	77	67	59	53	74	65	57	51	60	54	49	56	51	46	52	48	44	41
4	71	59	51	44	67	57	49	43	53	46	41	49	44	39	46	41	37	35
5	65	52	44	38	62	51	43	37	47	40	35	44	38	34	41	36	32	30
6	60	47	39	33	57	45	38	32	43	36	31	40	34	29	37	32	28	26
7	55	42	34	29	53	41	33	28	39	32	27	36	30	26	34	29	25	23
8	51	39	31	25	49	37	30	25	35	29	24	33	27	23	31	26	22	20
9	48	35	28	23	46	34	27	22	32	26	21	31	25	21	29	24	20	18
10	45	33	25	20	43	32	25	20	30	24	19	28	23	19	27	22	18	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2820	2820	2820	2820	2820
2.5	2821	2812	2819	2821	2818
5.0	2811	2804	2813	2819	2817
7.5	2792	2785	2799	2806	2809
10.0	2766	2764	2782	2793	2799
12.5	2737	2737	2763	2777	2782
15.0	2698	2701	2734	2758	2766
17.5	2655	2662	2701	2735	2742
20.0	2602	2613	2662	2705	2717
22.5	2547	2564	2620	2667	2686
25.0	2482	2501	2569	2629	2650
27.5	2415	2441	2519	2583	2608
30.0	2345	2372	2465	2535	2566
32.5	2268	2300	2403	2481	2517
35.0	2182	2223	2333	2427	2461
37.5	2094	2144	2264	2360	2403
40.0	2005	2060	2190	2300	2345
42.5	1907	1973	2110	2230	2277
45.0	1811	1882	2031	2158	2211
47.5	1709	1786	1944	2082	2136
50.0	1601	1686	1858	2002	2065
52.5	1496	1589	1769	1921	1984
55.0	1385	1484	1676	1839	1907
57.5	1270	1385	1582	1755	1832
60.0	1157	1276	1488	1672	1750
62.5	1038	1169	1392	1587	1668
65.0	920	1059	1297	1498	1589
67.5	802	949	1207	1417	1508
70.0	682	845	1114	1339	1431
72.5	565	738	1021	1260	1357
75.0	442	635	932	1179	1284
77.5	329	538	857	1109	1213
80.0	231	449	780	1042	1146
82.5	140	373	713	973	1081
85.0	65	310	648	908	1018
87.5	27	252	593	850	958
90.0	0	212	547	807	915
92.5	0	183	511	766	877
95.0	0	163	468	720	823
97.5	0	147	434	671	769
100.0	0	137	402	632	732
102.5	0	128	380	595	691
105.0	0	122	354	564	649
107.5	0	115	339	532	617
110.0	0	104	322	506	584
112.5	0	99	301	476	552
115.0	0	94	286	452	521
117.5	0	91	271	427	492
120.0	0	79	252	401	464
122.5	0	77	235	372	433
125.0	0	68	218	351	404
127.5	0	63	204	325	379
130.0	0	58	187	303	348
132.5	0	55	176	279	324
135.0	0	51	165	254	296
137.5	0	48	149	232	272
140.0	0	43	135	207	245
142.5	0	36	122	192	216
145.0	0	30	109	169	197
147.5	0	29	95	149	180
150.0	0	23	84	134	156
152.5	0	19	73	118	130
155.0	0	17	61	99	115
157.5	0	8	65	82	93
160.0	0	7	43	65	80
162.5	0	3	32	51	61
165.0	0	0	22	41	48
167.5	0	0	15	25	34
170.0	0	0	5	14	20
172.5	0	0	3	1	5
175.0	0	0	0	0	1
177.5	0	0	0	0	0
180.0	0	0	0	0	0