



Y44320

Photometric Report

Number of lamps: 4
 Lumens per lamp: 2950.00
 Input watts: 109.80
 Distribution: Direct
 Efficiency: 65.6
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.917
 90-270 Axis: 1.229
 Height: 0.000
 Spacing Criteria (0): 1.04
 Spacing Criteria (90): 0.94
 Spacing Criteria (Four Luminaires): 1.08

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2952	25	38
0-40	4477	38	58
0-60	6717	57	87
0-90	7745	66	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	7745	66	100

Total Luminaire Efficiency = 66%

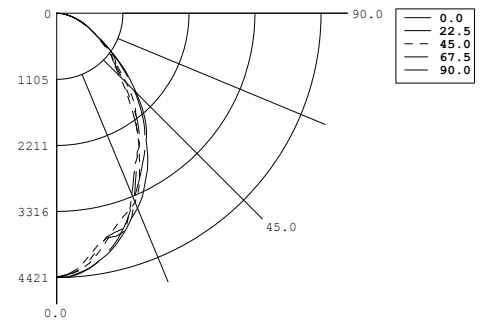
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	9873	9873	9873
45.0	5932	5198	4673
55.0	4303	3867	4046
65.0	3206	3095	3164
75.0	2721	2583	2652
85.0	1924	1924	1924

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	0.0
RCR																	
0	79	79	79	79	77	77	77	77	73	73	73	70	70	70	67	67	66
1	73	70	68	65	71	69	66	64	66	64	62	63	62	60	61	60	59
2	67	62	58	55	65	61	58	54	59	56	53	57	54	52	55	53	51
3	62	56	51	47	60	55	50	47	53	49	46	51	48	45	50	47	45
4	57	50	45	41	56	49	45	41	48	44	40	46	43	40	45	42	39
5	53	46	40	36	52	45	40	36	44	39	36	42	38	35	41	38	35
6	50	42	36	32	48	41	36	32	40	35	32	39	35	32	38	34	31
7	46	38	33	29	45	38	33	29	37	32	29	36	32	29	35	31	28
8	43	35	30	26	42	35	30	26	34	29	26	33	29	26	32	29	26
9	41	32	27	24	40	32	27	24	31	27	24	31	27	24	30	26	23
10	38	30	25	22	38	30	25	22	29	25	22	29	25	22	28	24	21





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4416	4416	4416	4416	4416
2.5	4416	4421	4387	4379	4367
5.0	4358	4375	4321	4308	4275
7.5	4292	4296	4213	4171	4101
10.0	4192	4196	4055	3993	3943
12.5	4093	4064	3885	3835	3852
15.0	3960	3922	3723	3790	3860
17.5	3810	3748	3599	3769	3810
20.0	3653	3557	3516	3657	3545
22.5	3528	3366	3424	3379	3279
25.0	3387	3196	3246	3113	3038
27.5	3196	3034	2993	2881	2839
30.0	3030	2876	2760	2690	2723
32.5	2831	2739	2549	2586	2573
35.0	2607	2569	2320	2395	2324
37.5	2466	2412	2179	2192	2084
40.0	2291	2221	2034	1934	1868
42.5	2092	2030	1847	1727	1677
45.0	1876	1839	1644	1557	1478
47.5	1677	1640	1440	1370	1328
50.0	1494	1444	1262	1216	1287
52.5	1295	1274	1121	1154	1220
55.0	1104	1100	992	1096	1038
57.5	921	955	880	921	880
60.0	789	818	797	793	780
62.5	689	710	689	693	697
65.0	606	618	585	610	598
67.5	523	531	506	531	523
70.0	448	461	436	457	448
72.5	374	382	369	382	374
75.0	315	315	299	320	307
77.5	249	253	232	253	249
80.0	183	195	183	199	191
82.5	133	141	125	141	133
85.0	75	87	75	83	75
87.5	25	33	25	37	25
90.0	0	0	0	0	0