



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 156.00
 Distribution: Direct
 Efficiency: 75.8
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.821
 90-270 Axis: 1.573
 Height: 0.000
 Spacing Criteria (0): 1.36
 Spacing Criteria (90): 1.55
 Spacing Criteria (Four Luminaires): 1.57

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2279	19	25
0-40	3852	32	42
0-60	7265	60	79
0-90	9243	76	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9243	76	100

Total Luminaire Efficiency = 76%

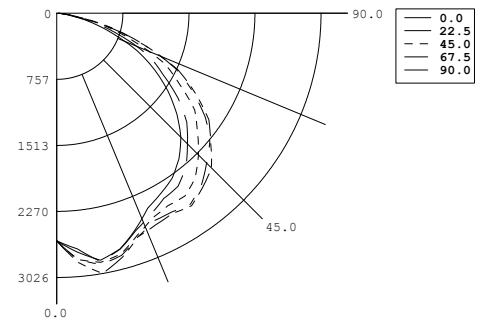
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	4671	4671	4671
45.0	5088	5809	6342
55.0	4847	6015	6635
65.0	4304	5775	6481
75.0	2903	4157	4557
85.0	1265	1385	1511

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	91	91	91	91	89	89	89	89	85	85	85	81	81	81	78	78	78	76
1	83	79	76	73	81	78	75	72	74	72	70	71	70	68	69	67	66	64
2	75	69	64	59	73	67	63	59	65	61	57	62	59	56	60	57	55	53
3	68	60	54	49	66	59	53	48	57	52	47	55	50	47	53	49	46	44
4	62	53	46	41	61	52	46	41	50	44	40	48	43	39	47	42	39	37
5	57	47	40	35	55	46	40	35	45	39	34	43	38	34	42	37	33	32
6	53	42	35	30	51	41	35	30	40	34	30	39	33	29	37	33	29	28
7	49	38	31	26	47	37	31	26	36	30	26	35	30	26	34	29	26	24
8	45	35	28	23	44	34	28	23	33	27	23	32	27	23	31	26	23	21
9	42	32	25	21	41	31	25	21	30	25	21	29	24	21	29	24	20	19
10	39	29	23	19	38	29	23	19	28	22	19	27	22	19	27	22	19	17





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2608	2608	2608	2608	2608
5.0	2747	2709	2832	2833	2868
10.0	2872	2887	2897	2923	3026
15.0	2796	2798	2852	2870	2895
20.0	2634	2647	2703	2724	2722
25.0	2463	2541	2589	2624	2676
30.0	2383	2451	2545	2629	2647
35.0	2305	2420	2557	2668	2691
40.0	2174	2300	2465	2574	2601
45.0	2009	2116	2293	2427	2504
50.0	1794	1942	2101	2287	2298
55.0	1552	1696	1926	2077	2125
60.0	1291	1403	1622	1798	1833
65.0	1016	1172	1363	1505	1529
70.0	681	814	937	1065	1066
75.0	419	494	601	635	659
80.0	174	202	236	249	256
85.0	62	69	67	73	74
90.0	17	15	16	16	15