



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 235.00
 Distribution: Direct
 Efficiency: 68.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.770
 90-270 Axis: 1.750
 Height: 0.000
 Spacing Criteria (0): 1.09
 Spacing Criteria (90): 1.03
 Spacing Criteria (Four Luminaires): 1.20

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3359	22	32
0-40	5259	34	50
0-60	8712	57	82
0-90	10584	69	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	10584	69	100

Total Luminaire Efficiency = 69%

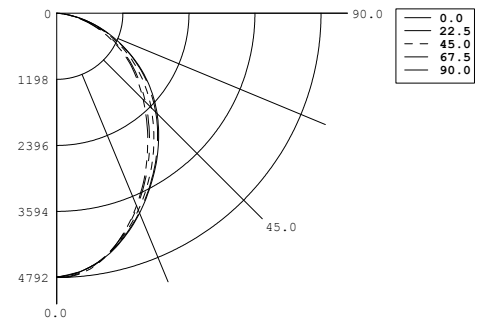
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7807	7807	7807
45.0	5934	5586	5115
55.0	5490	5114	4656
65.0	4799	4540	4057
75.0	3845	3587	3215
85.0	1966	1741	1554

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	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.0
RCR																	
0	82	82	82	80	80	80	80	77	77	77	73	73	73	70	70	70	69
1	76	72	70	67	74	71	68	66	68	66	64	65	64	62	63	62	60
2	69	64	59	56	67	62	58	55	60	57	54	58	55	52	56	53	51
3	63	56	51	47	62	55	50	46	53	49	45	51	48	45	50	47	44
4	58	50	44	40	57	49	44	40	48	43	39	46	42	39	45	41	38
5	54	45	39	35	52	44	39	35	43	38	34	42	37	34	40	37	33
6	50	41	35	31	48	40	35	30	39	34	30	38	33	30	37	33	30
7	46	37	31	27	45	37	31	27	36	31	27	35	30	27	34	30	27
8	43	34	28	24	42	34	28	24	33	28	24	32	27	24	31	27	24
9	40	31	26	22	39	31	26	22	30	25	22	29	25	22	29	25	22
10	38	29	24	20	37	29	24	20	28	23	20	27	23	20	27	23	20





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4785	4785	4785	4785	4785
2.5	4747	4757	4764	4780	4792
5.0	4708	4711	4714	4735	4748
7.5	4641	4642	4643	4660	4675
10.0	4559	4553	4548	4557	4570
12.5	4456	4447	4443	4434	4441
15.0	4336	4324	4311	4292	4291
17.5	4205	4191	4165	4139	4128
20.0	4070	4053	4019	3975	3957
22.5	3922	3912	3863	3800	3777
25.0	3773	3756	3705	3627	3596
27.5	3620	3609	3538	3453	3418
30.0	3472	3451	3381	3281	3232
32.5	3325	3303	3216	3108	3053
35.0	3172	3150	3055	2929	2872
37.5	3021	2995	2891	2757	2703
40.0	2873	2841	2730	2590	2533
42.5	2721	2690	2571	2429	2372
45.0	2572	2533	2421	2273	2217
47.5	2416	2377	2263	2113	2063
50.0	2257	2219	2109	1964	1915
52.5	2096	2064	1953	1824	1774
55.0	1930	1905	1798	1680	1637
57.5	1761	1736	1644	1536	1493
60.0	1585	1571	1487	1390	1348
62.5	1411	1403	1334	1246	1199
65.0	1243	1232	1176	1101	1051
67.5	1078	1066	1022	955	913
70.0	921	896	867	805	776
72.5	765	749	718	664	641
75.0	610	594	569	526	510
77.5	466	450	431	396	387
80.0	321	312	299	280	271
82.5	199	191	186	170	168
85.0	105	93	93	78	83
87.5	38	29	33	23	32
90.0	0	0	0	0	0