



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 105.00
 Distribution: Direct
 Efficiency: 74.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.760
 90-270 Axis: 1.730
 Height: 0.000
 Spacing Criteria (0): 1.07
 Spacing Criteria (90): 0.92
 Spacing Criteria (Four Luminaires): 1.11

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3078	25	34
0-40	4714	39	52
0-60	7568	62	83
0-90	9093	75	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9093	75	100

Total Luminaire Efficiency = 75%

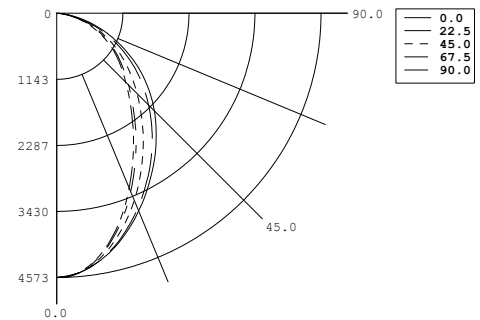
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7567	7567	7567
45.0	5586	4591	3946
55.0	5132	4100	3592
65.0	4444	3598	3203
75.0	3529	2826	2596
85.0	1728	1405	1291

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	89	89	89	89	87	87	87	87	83	83	83	80	80	80	76	76	76	75
1	82	79	76	73	80	77	75	72	74	72	70	71	69	68	68	67	66	64
2	75	70	65	61	73	68	64	60	66	62	59	63	60	57	61	58	56	55
3	69	62	56	51	67	61	55	51	58	54	50	56	52	49	54	51	48	47
4	64	55	49	44	62	54	48	44	52	47	43	51	46	43	49	45	42	41
5	59	50	43	39	57	49	43	38	47	42	38	46	41	38	45	41	37	36
6	55	45	39	34	53	44	38	34	43	38	34	42	37	33	41	37	33	32
7	51	41	35	31	50	41	35	30	39	34	30	38	34	30	37	33	30	28
8	47	38	32	28	46	37	32	28	36	31	27	35	31	27	35	30	27	26
9	45	35	29	25	43	34	29	25	34	29	25	33	28	25	32	28	25	23
10	42	32	27	23	41	32	27	23	31	26	23	31	26	23	30	26	23	21





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4573	4573	4573	4573	4573
2.5	4548	4554	4555	4567	4562
5.0	4507	4507	4505	4511	4504
7.5	4435	4435	4422	4412	4399
10.0	4342	4341	4308	4278	4261
12.5	4239	4226	4172	4120	4097
15.0	4119	4098	4019	3942	3907
17.5	3986	3956	3854	3753	3704
20.0	3849	3808	3684	3551	3491
22.5	3701	3660	3505	3341	3271
25.0	3557	3500	3325	3135	3058
27.5	3408	3339	3138	2932	2849
30.0	3258	3188	2956	2739	2653
32.5	3115	3028	2779	2553	2464
35.0	2968	2867	2607	2369	2282
37.5	2820	2713	2437	2196	2115
40.0	2674	2554	2269	2033	1962
42.5	2532	2400	2113	1890	1822
45.0	2387	2245	1962	1756	1686
47.5	2238	2092	1819	1628	1569
50.0	2088	1939	1683	1505	1454
52.5	1936	1795	1546	1394	1347
55.0	1779	1646	1421	1288	1245
57.5	1621	1493	1291	1177	1143
60.0	1454	1340	1167	1072	1039
62.5	1293	1191	1042	961	927
65.0	1135	1041	919	852	818
67.5	985	899	797	745	710
70.0	839	766	676	626	610
72.5	695	630	560	516	510
75.0	552	497	442	416	406
77.5	419	374	334	313	310
80.0	294	263	235	220	219
82.5	183	160	144	134	133
85.0	91	75	74	64	68
87.5	34	21	25	14	24
90.0	0	0	0	0	0