



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 234.00
 Distribution: Direct
 Efficiency: 67.3
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.750
 90-270 Axis: 1.730
 Height: 0.000
 Spacing Criteria (0): 1.09
 Spacing Criteria (90): 1.02
 Spacing Criteria (Four Luminaires): 1.19

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3324	22	32
0-40	5193	34	50
0-60	8569	56	83
0-90	10367	67	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	10367	67	100

Total Luminaire Efficiency = 67%

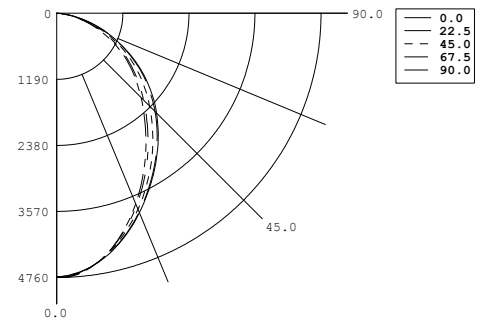
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7886	7886	7886
45.0	5965	5540	5033
55.0	5499	5077	4568
65.0	4774	4468	3953
75.0	3795	3481	3096
85.0	1789	1523	1314

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	0.5	0.3	0.1	0.0
RCR																	
0	80	80	80	80	78	78	78	78	75	75	72	72	72	69	69	69	67
1	74	71	68	66	72	70	67	65	67	65	63	64	62	61	62	60	58
2	68	62	58	55	66	61	57	54	59	56	53	57	54	51	55	52	49
3	62	55	50	46	60	54	49	46	52	48	45	50	47	44	49	46	43
4	57	49	44	39	56	48	43	39	47	42	39	45	41	38	44	40	36
5	53	44	39	34	51	44	38	34	42	37	34	41	37	33	40	36	32
6	49	40	34	30	48	39	34	30	38	33	30	37	33	30	36	32	28
7	45	37	31	27	44	36	31	27	35	30	27	34	30	26	33	29	25
8	42	34	28	24	41	33	28	24	32	27	24	31	27	24	31	27	24
9	40	31	26	22	39	30	25	22	30	25	22	29	25	22	28	24	20
10	37	29	23	20	36	28	23	20	28	23	20	27	23	20	26	22	19





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	4753	4753	4753	4753	4753
2.5	4728	4733	4737	4751	4760
5.0	4680	4691	4692	4703	4710
7.5	4617	4616	4616	4624	4625
10.0	4527	4530	4521	4515	4520
12.5	4426	4421	4399	4390	4389
15.0	4304	4297	4269	4243	4234
17.5	4177	4164	4125	4086	4069
20.0	4036	4025	3977	3924	3897
22.5	3888	3875	3822	3750	3713
25.0	3738	3725	3662	3575	3531
27.5	3588	3570	3495	3396	3343
30.0	3439	3419	3334	3223	3160
32.5	3292	3268	3171	3044	2979
35.0	3139	3116	3006	2866	2798
37.5	2992	2964	2842	2690	2624
40.0	2842	2809	2676	2523	2456
42.5	2690	2658	2519	2367	2299
45.0	2542	2501	2361	2209	2145
47.5	2388	2341	2213	2058	1997
50.0	2226	2182	2057	1911	1856
52.5	2066	2030	1905	1770	1721
55.0	1901	1871	1755	1630	1579
57.5	1732	1704	1600	1490	1442
60.0	1558	1537	1443	1348	1299
62.5	1381	1368	1293	1204	1153
65.0	1216	1202	1138	1063	1007
67.5	1054	1036	988	917	869
70.0	902	878	833	774	739
72.5	742	720	686	632	608
75.0	592	574	543	498	483
77.5	448	427	407	369	359
80.0	312	297	282	257	248
82.5	193	178	166	151	151
85.0	94	81	80	67	69
87.5	34	20	24	14	19
90.0	0	0	0	0	0