



Photometric Report

Number of lamps: 4
 Lumens per lamp: 5000.00
 Input watts: 236.00
 Distribution: Direct
 Efficiency: 67.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.776
 90-270 Axis: 1.745
 Height: 0.000
 Spacing Criteria (0): 1.21
 Spacing Criteria (90): 1.27
 Spacing Criteria (Four Luminaires): 1.41

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3634	18	27
0-40	5960	30	44
0-60	10725	54	79
0-90	13545	68	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	13545	68	100

Total Luminaire Efficiency = 68%

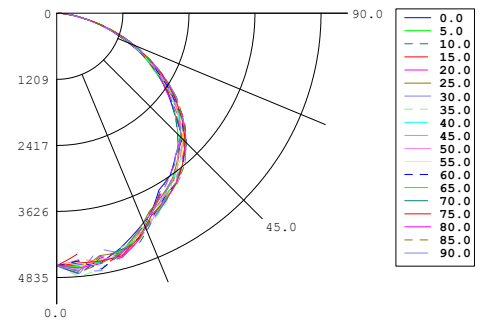
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7545	7545	7545
45.0	7497	7551	7715
55.0	6957	7345	7593
65.0	6420	6784	6792
75.0	5204	5383	5374
85.0	3255	3173	3087

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	81	81	81	81	79	79	79	79	76	76	76	72	72	72	69	69	69	68
1	74	71	68	65	72	69	67	64	66	64	62	64	62	60	61	60	58	57
2	67	62	57	53	65	60	56	52	58	54	51	56	53	50	54	51	49	47
3	61	54	48	44	60	53	48	44	51	46	43	49	45	42	47	44	41	40
4	56	48	42	37	54	47	41	37	45	40	36	44	39	36	42	38	35	34
5	51	43	36	32	50	42	36	32	40	35	31	39	35	31	38	34	31	29
6	47	38	32	28	46	38	32	28	36	31	27	35	31	27	34	30	27	26
7	44	35	29	24	43	34	28	24	33	28	24	32	27	24	31	27	24	22
8	41	32	26	22	40	31	26	22	30	25	22	29	25	21	29	24	21	20
9	38	29	23	20	37	29	23	20	28	23	19	27	23	19	26	22	19	18
10	36	27	21	18	35	26	21	18	26	21	18	25	21	18	24	20	17	16





Candela Distribution

	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0
0.0	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619	4619
5.0	4625	4650	4553	4417	4792	4722	4777	4835	4690	4524	4698	4642	4544	4661	4779	4586	4673	4746	4737
10.0	4631	4580	4745	4701	4519	4503	4366	4737	4619	4591	4565	4575	4753	4609	4554	4603	4650	4649	4781
15.0	4456	4530	4549	4557	4535	4522	4546	4455	4615	4617	4612	4489	4517	4495	4483	4593	4625	4523	4515
20.0	4248	4281	4369	4319	4392	4277	4306	4350	4292	4416	4326	4363	4380	4371	4453	4374	4402	4400	4350
25.0	4054	4145	4042	4028	4075	4003	4048	4175	4164	4135	4158	4074	4122	4113	4157	4086	4080	4095	4166
30.0	3735	3861	3774	3800	3813	3851	3894	4007	3927	3915	3871	3934	3916	3939	3976	3953	3967	3956	3945
35.0	3620	3717	3592	3730	3620	3688	3677	3701	3722	3712	3804	3819	3793	3730	3794	3802	3803	3799	3828
40.0	3384	3407	3452	3457	3382	3444	3381	3512	3499	3491	3438	3563	3588	3611	3571	3583	3539	3635	3637
45.0	3245	3134	3121	3192	3198	3196	3219	3273	3259	3269	3286	3268	3291	3314	3357	3317	3342	3333	3339
50.0	2796	2816	2807	2842	2882	2932	2890	2920	2888	2902	2989	2977	2969	2963	3045	2986	3020	3012	3006
55.0	2443	2479	2457	2469	2421	2522	2532	2509	2562	2579	2551	2595	2557	2596	2615	2610	2656	2665	2666
60.0	2074	2032	2058	2097	2119	2090	2117	2094	2113	2156	2170	2184	2122	2199	2223	2222	2168	2228	2236
65.0	1661	1681	1658	1662	1687	1704	1692	1691	1697	1755	1742	1775	1775	1754	1763	1751	1773	1754	1757
70.0	1210	1239	1214	1262	1259	1288	1280	1248	1285	1318	1304	1306	1315	1307	1309	1314	1301	1328	1312
75.0	825	818	831	827	824	849	862	841	861	853	848	859	852	856	840	867	842	879	851
80.0	422	424	439	425	454	437	456	437	444	428	449	446	446	443	453	456	451	439	430
85.0	174	175	182	180	185	177	187	178	184	169	185	190	190	179	177	175	175	174	165
90.0	32	36	32	33	29	34	38	34	31	31	32	33	36	30	36	29	27	29	22