



Photometric Report

Number of lamps: 8
 Lumens per lamp: 5000.00
 Input watts: 472.00
 Distribution: Semi-Direct
 Efficiency: 77.6
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 8.031
 90-270 Axis: 1.026
 Height: 0.000
 Spacing Criteria (0): 1.29
 Spacing Criteria (90): 1.32
 Spacing Criteria (Four Luminaires): 1.44

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	6406	16	21
0-40	10580	26	34
0-60	19320	48	62
0-90	27367	68	88
90-120	2720	7	9
90-150	3595	9	12
90-180	3676	9	12
0-180	31043	78	100

Total Luminaire Efficiency = 78%

Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	10392	10392	10392	10392	10392
45.0	10305	10809	11588	10959	9775
55.0	9533	10932	11899	11070	9910
65.0	8847	11325	13124	11051	8626
75.0	6830	12947	17500	13413	7474
85.0	3445	26580	39743	25834	3483

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	90	90	90	87	87	87	87	81	81	81	76	76	76	71	71	71	69	
1	81	76	73	69	78	74	70	67	69	66	63	64	62	60	60	58	54	
2	73	66	60	55	70	63	58	54	59	55	51	55	52	48	52	49	44	
3	66	57	50	45	63	55	49	44	52	46	42	48	44	40	45	42	36	
4	60	50	43	38	58	49	42	37	46	40	36	43	38	34	40	36	31	
5	55	45	38	32	53	43	37	32	41	35	30	38	33	29	36	32	26	
6	51	40	33	28	49	39	32	27	37	31	26	34	29	26	32	28	23	
7	47	36	29	24	45	35	29	24	33	27	23	31	26	22	30	25	20	
8	44	33	26	22	42	32	26	21	30	25	21	29	24	20	27	23	18	
9	41	30	24	19	39	29	23	19	28	22	19	26	21	18	25	21	16	
10	38	28	22	17	37	27	21	17	26	20	17	24	20	16	23	19	14	



