



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3050.00
 Input watts: 108.00
 Distribution: Direct
 Efficiency: 82.4
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.854
 90-270 Axis: 1.604
 Height: 0.000
 Spacing Criteria (0): 1.19
 Spacing Criteria (90): 1.17
 Spacing Criteria (Four Luminaires): 1.31

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	3032	25	30
0-40	4808	39	48
0-60	8201	67	82
0-90	10050	82	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	10050	82	100

Total Luminaire Efficiency = 82%

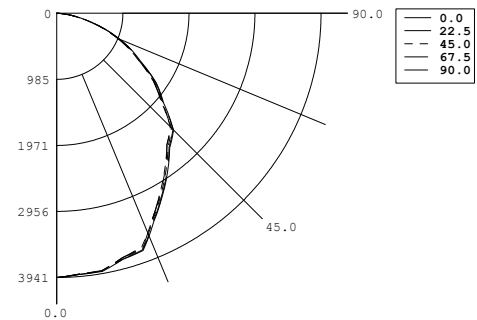
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6862	6862	6862
45.0	6060	5949	5898
55.0	5498	5401	5331
65.0	4849	4771	4680
75.0	3761	3693	3619
85.0	1878	1878	1858

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	99	99	99	99	96	96	96	96	92	92	92	88	88	88	85	
1	91	87	84	81	88	85	82	79	82	77	78	76	74	75	74	
2	83	76	71	66	81	75	70	65	72	67	64	69	65	62	66	
3	76	67	61	55	74	66	60	55	63	58	54	61	57	53	59	
4	69	60	53	47	67	59	52	47	57	51	46	55	50	46	53	
5	64	53	46	41	62	53	46	41	51	45	40	49	44	40	48	
6	59	48	41	36	57	47	41	36	46	40	35	45	39	35	43	
7	55	44	37	32	53	43	36	32	42	36	31	41	35	31	40	
8	51	40	33	28	50	39	33	28	38	32	28	37	32	28	36	
9	48	37	30	26	47	36	30	25	35	29	25	34	29	25	34	
10	45	34	28	23	44	34	27	23	33	27	23	32	27	23	31	





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	3941	3941	3941	3941	3941
5.0	3910	3908	3903	3903	3907
10.0	3909	3901	3898	3895	3892
15.0	3800	3798	3784	3776	3775
20.0	3765	3752	3735	3723	3709
25.0	3425	3414	3394	3376	3377
30.0	3148	3134	3111	3091	3083
35.0	2882	2869	2841	2821	2812
40.0	2619	2605	2583	2556	2556
45.0	2461	2451	2416	2399	2395
50.0	2080	2064	2044	2033	2024
55.0	1811	1803	1779	1756	1756
60.0	1452	1440	1418	1420	1412
65.0	1177	1171	1158	1136	1136
70.0	870	861	847	847	840
75.0	559	554	549	535	538
80.0	298	294	288	289	284
85.0	94	94	94	90	93
90.0	0	0	0	0	0