



Photometric Report

Number of lamps: 2
 Lumens per lamp: 2950.00
 Input watts: 56.00
 Distribution: Direct
 Efficiency: 85.2
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.219
 90-270 Axis: 0.479
 Height: 0.167
 Spacing Criteria (0): 1.23
 Spacing Criteria (90): 1.35
 Spacing Criteria (Four Luminaires): 1.48

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1004	17	20
0-40	1646	28	33
0-60	3083	52	61
0-90	4534	77	90
90-120	431	7	9
90-150	495	8	10
90-180	495	8	10
0-180	5030	85	100

Total Luminaire Efficiency = 85%

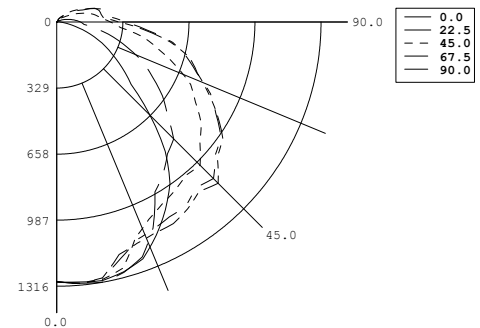
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6892	6892	6892
45.0	4746	5963	6345
55.0	3489	5857	6255
65.0	2881	5831	5993
75.0	2026	5326	6126
85.0	1262	4711	5308

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	0.7	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	100	100	100	100	97	97	97	97	91	91	91	85	85	85	80	80	77
1	89	84	80	76	86	81	77	74	76	73	70	71	69	66	67	65	60
2	80	72	65	60	77	70	64	58	65	60	56	61	57	53	57	54	48
3	72	62	55	49	70	60	53	48	57	51	46	53	48	44	50	46	40
4	66	55	47	41	63	53	46	40	50	43	38	47	41	37	44	39	33
5	60	49	41	34	58	47	40	34	44	38	33	42	36	32	39	34	28
6	56	44	36	30	53	42	35	29	40	33	28	38	32	27	36	31	25
7	52	39	32	26	49	38	31	26	36	30	25	34	28	24	32	27	22
8	48	36	28	23	46	35	28	23	33	27	22	31	26	21	30	25	19
9	45	33	26	21	43	32	25	20	30	24	20	29	23	19	27	22	17
10	42	30	23	19	40	29	23	18	28	22	18	27	21	17	25	21	15





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1294	1294	1294	1294	1294
5.0	1300	1306	1308	1306	1306
10.0	1308	1316	1303	1295	1297
15.0	1288	1291	1270	1222	1199
20.0	1255	1245	1144	1156	1172
25.0	1172	1133	1084	1138	1159
30.0	1081	978	1048	1121	1160
35.0	983	923	1025	1120	1136
40.0	840	857	998	1076	1102
45.0	655	823	1009	1103	1136
50.0	483	719	930	1030	1043
55.0	397	642	878	998	1009
60.0	318	551	797	915	922
65.0	248	474	735	844	831
70.0	178	376	628	741	745
75.0	113	292	524	668	685
80.0	61	207	438	587	574
85.0	30	136	319	448	433
90.0	17	118	267	340	308
95.0	8	94	222	272	233
100.0	6	71	196	253	224
105.0	0	48	168	241	219
110.0	0	32	126	196	201
115.0	0	17	89	141	149
120.0	0	11	60	110	123
125.0	0	9	42	81	95
130.0	0	11	32	56	68
135.0	0	6	17	37	45
140.0	0	0	12	27	34
145.0	0	0	0	19	24
150.0	0	0	0	0	16
155.0	0	0	0	0	0
160.0	0	0	0	0	0
165.0	0	0	0	0	0
170.0	0	0	0	0	0
175.0	0	0	0	0	0
180.0	0	0	0	0	0