



**Photometric Report**

Number of lamps: 4  
 Lumens per lamp: 1400.00  
 Input watts: 58.00  
 Distribution: Direct  
 Efficiency: 65.4  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 1.650  
 90-270 Axis: 1.650  
 Height: 0.000  
 Spacing Criteria (0): 1.04  
 Spacing Criteria (90): 0.90  
 Spacing Criteria (Four Luminaires): 1.09

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	1295	23	35
0-40	1963	35	54
0-60	3091	55	84
0-90	3663	65	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3663	65	100

Total Luminaire Efficiency = 65%

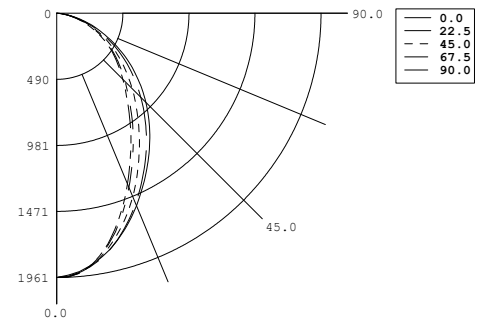
**Luminance Data in candela/square meter**

	0.0	45.0	90.0
0.0	7753	7753	7753
45.0	5228	4428	3875
55.0	4618	3860	3467
65.0	3845	3312	2994
75.0	2964	2551	2352
85.0	1406	1179	1179

**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	78	78	78	78	76	76	76	76	73	73	73	70	70	70	67	67	67	66
1	72	69	67	65	70	68	66	64	65	63	62	63	61	60	60	59	58	57
2	66	61	57	54	65	60	57	53	58	55	52	56	53	51	54	52	50	48
3	61	55	50	46	59	54	49	45	52	48	45	50	47	44	48	46	43	42
4	56	49	44	40	55	48	43	39	47	42	39	45	41	38	44	40	38	36
5	52	44	39	35	51	44	38	35	42	38	34	41	37	34	40	36	33	32
6	48	40	35	31	47	40	34	31	38	34	30	37	33	30	36	33	30	29
7	45	37	31	28	44	36	31	27	35	31	27	34	30	27	33	30	27	26
8	42	34	29	25	41	33	28	25	33	28	25	32	28	25	31	27	24	23
9	40	31	26	23	39	31	26	23	30	26	23	29	25	22	29	25	22	21
10	37	29	24	21	36	29	24	21	28	24	21	27	23	21	27	23	21	19





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1961	1961	1961	1961	1961
2.5	1945	1953	1953	1959	1957
5.0	1924	1932	1932	1936	1936
7.5	1891	1898	1895	1894	1891
10.0	1848	1855	1843	1832	1829
12.5	1800	1802	1780	1761	1753
15.0	1743	1740	1710	1680	1662
17.5	1680	1672	1635	1587	1566
20.0	1614	1601	1556	1493	1470
22.5	1546	1529	1473	1398	1370
25.0	1473	1453	1388	1305	1274
27.5	1405	1377	1302	1215	1183
30.0	1336	1305	1220	1134	1101
32.5	1267	1232	1141	1053	1020
35.0	1200	1160	1063	977	941
37.5	1133	1088	990	902	870
40.0	1066	1017	918	833	805
42.5	1000	949	855	772	747
45.0	935	881	792	716	693
47.5	869	813	728	662	642
50.0	801	749	670	611	591
52.5	734	686	614	564	547
55.0	670	624	560	517	503
57.5	604	561	507	471	458
60.0	537	502	453	425	413
62.5	473	441	404	381	368
65.0	411	383	354	334	320
67.5	353	329	305	288	277
70.0	300	276	258	243	234
72.5	246	225	211	200	193
75.0	194	177	167	158	154
77.5	145	132	123	118	117
80.0	101	91	87	82	82
82.5	63	54	53	50	50
85.0	31	25	26	24	26
87.5	12	6	10	6	9
90.0	0	0	0	0	0