



Photometric Report

Number of lamps: 4
 Lumens per lamp: 1400.00
 Input watts: 58.00
 Distribution: Direct
 Efficiency: 61.2
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 1.730
 90-270 Axis: 1.730
 Height: 0.000
 Spacing Criteria (0): 1.06
 Spacing Criteria (90): 0.96
 Spacing Criteria (Four Luminaires): 1.14

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1156	21	34
0-40	1781	32	52
0-60	2864	51	84
0-90	3429	61	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3429	61	100

Total Luminaire Efficiency = 61%

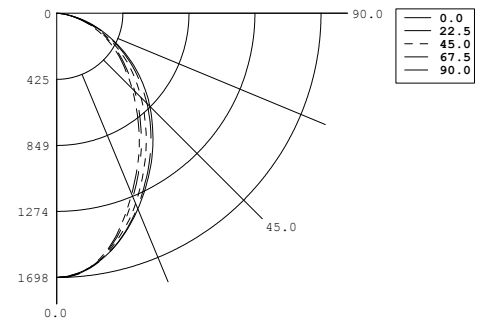
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	6107	6107	6107
45.0	4298	3891	3479
55.0	3869	3480	3085
65.0	3293	3004	2715
75.0	2585	2348	2182
85.0	1238	1032	908

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	73	73	73	71	71	71	71	68	68	68	65	65	65	63	63	63	61	
1	67	65	62	60	66	63	61	59	61	59	57	58	57	56	56	55	54	53
2	62	57	53	50	60	56	52	49	54	51	48	52	49	47	50	48	46	45
3	57	51	46	42	55	50	45	42	48	44	41	46	43	41	45	42	40	39
4	52	45	40	36	51	45	40	36	43	39	36	42	38	35	40	37	35	34
5	48	41	36	32	47	40	35	32	39	35	31	38	34	31	37	33	31	29
6	45	37	32	28	44	37	32	28	35	31	28	34	31	28	33	30	27	26
7	42	34	29	25	41	33	29	25	32	28	25	32	28	25	31	27	25	23
8	39	31	26	23	38	31	26	23	30	26	22	29	25	22	28	25	22	21
9	37	29	24	21	36	28	24	21	28	23	20	27	23	20	26	23	20	19
10	34	27	22	19	34	26	22	19	26	22	19	25	21	19	25	21	19	18





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	1698	1698	1698	1698	1698
2.5	1691	1695	1693	1696	1691
5.0	1673	1678	1676	1680	1676
7.5	1647	1651	1648	1650	1646
10.0	1613	1615	1608	1606	1600
12.5	1572	1572	1562	1552	1544
15.0	1525	1523	1506	1491	1478
17.5	1473	1469	1449	1422	1404
20.0	1418	1411	1389	1351	1330
22.5	1361	1353	1324	1278	1258
25.0	1303	1291	1256	1209	1185
27.5	1245	1228	1191	1141	1119
30.0	1187	1171	1126	1076	1053
32.5	1131	1111	1064	1012	986
35.0	1073	1053	1002	945	920
37.5	1015	994	940	882	856
40.0	957	935	879	822	794
42.5	901	876	823	763	737
45.0	845	819	765	708	684
47.5	790	760	710	653	632
50.0	731	703	657	602	581
52.5	674	648	606	553	536
55.0	617	594	555	509	492
57.5	559	538	502	464	449
60.0	501	483	452	420	408
62.5	443	428	401	377	363
65.0	387	374	353	333	319
67.5	334	323	305	289	276
70.0	284	273	258	245	236
72.5	234	225	213	201	195
75.0	186	177	169	161	157
77.5	139	132	126	122	119
80.0	97	92	88	85	81
82.5	61	54	53	51	49
85.0	30	26	25	22	22
87.5	12	7	8	5	7
90.0	0	0	0	0	0