



Photometric Report

Number of lamps: 4
 Lumens per lamp: 1400.00
 Input watts: 58.00
 Distribution: Direct
 Efficiency: 69.2
 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): 1.05
 Spacing Criteria (90): 0.91
 Spacing Criteria (Four Luminaires): 1.10

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1337	24	34
0-40	2039	36	53
0-60	3249	58	84
0-90	3877	69	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3877	69	100

Total Luminaire Efficiency = 69%

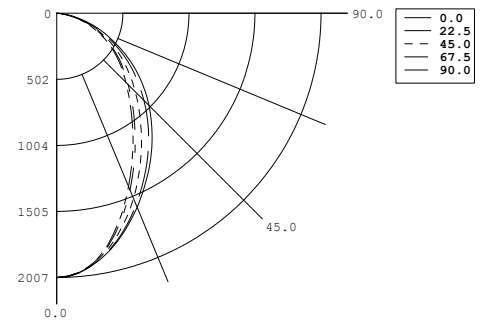
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7218	7218	7218
45.0	5040	4288	3774
55.0	4515	3812	3411
65.0	3795	3302	3004
75.0	2946	2571	2404
85.0	1403	1114	1032

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	83	83	83	81	81	81	81	77	77	77	74	74	74	71	71	69		
1	76	73	71	68	74	72	69	67	69	67	65	66	65	63	64	61	60	
2	70	65	60	57	68	63	60	56	61	58	55	59	56	54	57	54	51	
3	64	58	52	48	63	56	52	48	54	50	47	53	49	46	51	48	45	44
4	59	52	46	42	58	51	45	41	49	44	41	47	43	40	46	42	40	38
5	55	46	41	36	53	46	40	36	44	39	36	43	39	35	42	38	35	34
6	51	42	36	32	50	42	36	32	40	35	32	39	35	31	38	34	31	30
7	47	39	33	29	46	38	33	29	37	32	28	36	32	28	35	31	28	27
8	44	35	30	26	43	35	30	26	34	29	26	33	29	26	32	28	25	24
9	42	33	27	24	41	32	27	24	32	27	23	31	26	23	30	26	23	22
10	39	30	25	22	38	30	25	22	29	25	21	29	24	21	28	24	21	20





Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2007	2007	2007	2007	2007
2.5	1996	2001	1997	2001	2001
5.0	1975	1978	1977	1978	1976
7.5	1941	1942	1938	1937	1933
10.0	1899	1894	1885	1878	1874
12.5	1848	1842	1826	1808	1799
15.0	1790	1782	1756	1726	1708
17.5	1726	1715	1681	1638	1617
20.0	1660	1646	1604	1545	1520
22.5	1595	1574	1522	1453	1423
25.0	1526	1500	1438	1360	1330
27.5	1457	1427	1355	1273	1240
30.0	1390	1356	1275	1189	1157
32.5	1323	1285	1197	1106	1074
35.0	1256	1215	1119	1030	997
37.5	1188	1144	1045	958	925
40.0	1121	1075	975	890	859
42.5	1054	1004	907	824	798
45.0	991	936	843	766	742
47.5	924	866	782	711	690
50.0	855	800	720	658	640
52.5	788	738	664	612	592
55.0	720	672	608	562	544
57.5	651	608	553	512	496
60.0	581	543	498	463	449
62.5	512	481	443	415	401
65.0	446	419	388	366	353
67.5	387	360	336	317	304
70.0	329	300	283	270	262
72.5	270	249	233	223	218
75.0	212	196	185	179	173
77.5	159	147	139	133	131
80.0	111	101	96	91	90
82.5	67	60	57	54	54
85.0	34	27	27	22	25
87.5	13	7	9	4	8
90.0	0	0	0	0	0