



Photometric Report

Number of lamps: 1  
 Lumens per lamp: 7800.00  
 Input watts: 100.00  
 Distribution: Direct  
 Efficiency: 49.3  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 0.958  
 90-270 Axis: 0.958  
 Height: 0.000  
 Spacing Criteria (0): 1.31  
 Spacing Criteria (90): 1.18  
 Spacing Criteria (Four Luminaires): 1.39

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1220	16	32
0-40	2004	26	52
0-60	3314	42	86
0-90	3845	49	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3845	49	100

Total Luminaire Efficiency = 49%

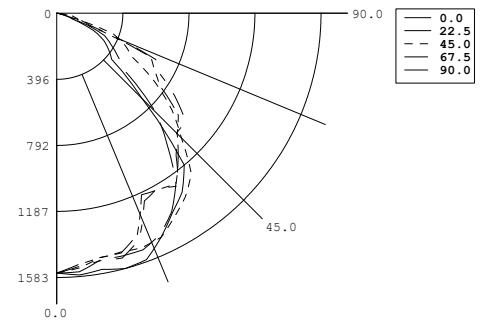
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	18249	18249	18249
45.0	12009	17499	16918
55.0	7750	14641	15377
65.0	6744	12461	17234
75.0	2447	2447	5891
85.0	269	404	1211

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	59	59	59	58	58	58	58	55	55	55	53	53	53	51	51	51	50	
1	55	53	51	49	54	52	50	49	50	48	47	48	47	46	46	45	44	43
2	50	47	44	41	49	46	43	41	44	42	40	43	41	39	41	39	38	37
3	46	41	38	35	45	41	37	34	39	36	34	38	35	33	37	35	33	32
4	42	37	33	30	41	36	33	30	35	32	29	34	31	29	33	30	28	27
5	39	33	29	26	38	33	29	26	32	28	25	31	28	25	30	27	25	24
6	36	30	26	23	35	29	25	23	29	25	22	28	25	22	27	24	22	21
7	34	27	23	20	33	27	23	20	26	22	20	25	22	20	25	22	20	19
8	31	25	21	18	31	25	21	18	24	20	18	23	20	18	23	20	18	17
9	29	23	19	16	29	23	19	16	22	19	16	21	18	16	21	18	16	15
10	27	21	17	15	27	21	17	15	20	17	15	20	17	15	19	17	15	14





H3100M9S3-857A

**Candela Distribution**

	0.0	22.5	45.0	67.5	90.0
0.0	1556	1556	1556	1556	1556
5.0	1574	1555	1532	1523	1510
10.0	1558	1501	1487	1505	1486
15.0	1583	1506	1481	1518	1487
20.0	1571	1508	1494	1443	1410
25.0	1479	1463	1480	1241	1200
30.0	1382	1375	1409	1208	1219
35.0	1308	1244	1343	1264	1246
40.0	1187	1030	1253	1111	1130
45.0	724	840	1055	1014	1020
50.0	429	525	900	1006	950
55.0	379	444	716	862	752
60.0	325	375	518	703	673
65.0	243	316	449	654	621
70.0	96	163	360	211	135
75.0	54	51	54	131	130
80.0	19	19	18	69	94
85.0	2	2	3	5	9
90.0	0	0	0	0	0