



# Photometric Report

Number of lamps: 1  
 Lumens per lamp: 40000.00  
 Input watts: 400.00  
 Distribution: Direct  
 Efficiency: 63.8  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 1.750  
 90-270 Axis: 1.750  
 Height: 0.000  
 Spacing Criteria (0): 1.30  
 Spacing Criteria (90): 1.35  
 Spacing Criteria (Four Luminaires): 1.38

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	8179	20	32
0-40	13236	33	52
0-60	21944	55	86
0-90	25502	64	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	25502	64	100

Total Luminaire Efficiency = 64%

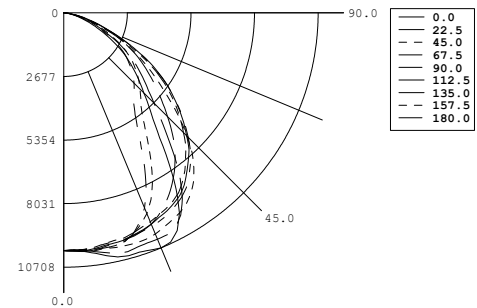
### Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	35169	35169	35169	35169	35169
45.0	23680	36444	35416	30728	20797
55.0	19548	28684	31730	26398	19670
65.0	13606	21706	22130	21873	15161
75.0	8162	13784	11108	14626	9845
85.0	3347	5444	4597	5444	5001

### 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	76	76	76	74	74	74	74	71	71	71	68	68	68	65	65	65	64	
1	70	68	65	63	69	66	64	62	64	62	60	61	60	58	59	58	57	55
2	65	60	56	53	63	59	55	52	56	53	51	54	52	50	52	50	49	47
3	59	53	48	45	58	52	48	44	50	46	43	49	45	43	47	44	42	41
4	55	47	42	38	53	47	42	38	45	41	37	44	40	37	42	39	36	35
5	50	43	37	33	49	42	37	33	41	36	33	39	35	32	38	35	32	31
6	47	38	33	29	45	38	33	29	37	32	29	36	32	29	35	31	28	27
7	43	35	30	26	42	35	29	26	34	29	26	33	29	25	32	28	25	24
8	40	32	27	23	39	32	27	23	31	26	23	30	26	23	29	26	23	22
9	38	29	24	21	37	29	24	21	28	24	21	28	24	21	27	23	21	19
10	35	27	22	19	35	27	22	19	26	22	19	26	22	19	25	21	19	18





# F8400M9

## Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	10006	10006	10006	10006	10006	10006	10006	10006	10006
2.5	10004	9973	9983	10004	10025	10035	10045	10025	10025
5.0	10087	10035	10004	9993	10004	10056	10087	10087	10066
7.5	10211	10138	10025	9952	9952	10004	10066	10097	10045
10.0	10377	10252	10066	9880	9859	9942	9993	10056	10045
12.5	10522	10366	10118	9869	9817	9921	9921	10035	10045
15.0	10584	10408	10138	9869	9807	9900	9890	9952	9962
17.5	10563	10335	10159	9817	9714	9797	9848	9755	9735
20.0	10625	10304	10138	9766	9600	9724	9755	9476	9362
22.5	10708	10314	10076	9724	9517	9631	9631	9144	8885
25.0	10646	10304	9962	9641	9403	9496	9414	8678	8202
27.5	10335	10180	9848	9548	9300	9403	9155	8078	7373
30.0	9735	9838	9735	9382	9165	9258	8854	7373	6524
32.5	8803	9289	9569	9217	8989	9103	8502	6638	5779
35.0	7705	8544	9310	8989	8699	8844	8119	5975	5240
37.5	6628	7684	8968	8647	8368	8492	7694	5427	4847
40.0	5841	6783	8513	8295	7974	8150	7249	5043	4577
42.5	5282	6027	8005	7891	7601	7808	6721	4795	4391
45.0	4764	5364	7332	7404	7125	7311	6182	4526	4184
47.5	4349	4836	6648	6907	6669	6845	5665	4298	3956
50.0	3956	4412	5934	6390	6193	6348	5188	4049	3728
52.5	3562	4018	5261	5851	5696	5830	4743	3770	3459
55.0	3190	3635	4681	5323	5178	5333	4308	3511	3210
57.5	2796	3231	4142	4743	4619	4753	3904	3190	2900
60.0	2382	2806	3614	4132	3997	4184	3490	2869	2548
62.5	2009	2361	3086	3511	3335	3511	3045	2475	2175
65.0	1636	1957	2610	2869	2661	2889	2630	2102	1823
67.5	1346	1605	2175	2268	2061	2309	2237	1771	1533
70.0	1056	1263	1740	1719	1533	1781	1823	1419	1222
72.5	808	963	1346	1274	1118	1305	1429	1098	953
75.0	601	725	1015	932	818	953	1077	839	725
77.5	435	528	715	642	570	652	777	611	518
80.0	290	352	476	425	383	425	518	404	373
82.5	186	217	300	259	228	259	311	249	228
85.0	83	104	135	124	114	114	135	114	124
87.5	41	41	41	41	41	41	41	41	41
90.0	0	0	0	0	0	0	0	0	0