



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3850.00
 Input watts: 209.00
 Distribution: Semi-Direct
 Efficiency: 88.2
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.040
 90-270 Axis: 1.250
 Height: 0.130
 Spacing Criteria (0): 1.27
 Spacing Criteria (90): 1.40
 Spacing Criteria (Four Luminaires): 1.48

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2798	18	21
0-40	4688	30	35
0-60	8595	56	63
0-90	11056	72	81
90-120	631	4	5
90-150	1895	12	14
90-180	2519	16	19
0-180	13575	88	100

Total Luminaire Efficiency = 88%

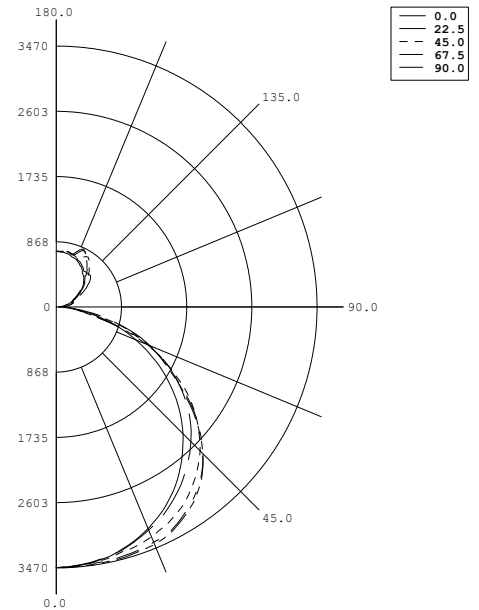
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7388	7388	7388
45.0	6965	7443	7522
55.0	6640	7138	6840
65.0	6105	6233	6202
75.0	5095	4822	3566
85.0	2557	2410	2179

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	101	101	101	101	97	97	97	97	89	89	89	82	82	82	75	75	75	72
1	92	88	84	81	88	84	81	78	78	75	73	72	70	68	66	64	63	60
2	84	77	71	66	80	73	68	64	68	63	60	62	59	56	57	55	52	50
3	76	67	60	54	73	64	58	53	59	54	50	55	50	47	51	47	44	41
4	69	59	51	46	66	57	50	44	53	47	42	49	44	40	45	41	38	35
5	64	53	45	39	61	51	43	38	47	41	36	43	38	34	40	36	32	30
6	59	47	39	34	56	45	38	33	42	36	31	39	34	30	36	32	28	26
7	54	42	35	29	52	41	34	29	38	32	28	36	30	26	33	28	25	23
8	50	39	31	26	48	37	30	26	35	29	24	32	27	23	30	26	22	20
9	47	35	28	23	45	34	27	23	32	26	22	30	25	21	28	23	20	18
10	44	32	26	21	42	31	25	21	29	24	20	28	22	19	26	21	18	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	3466	3466	3466	3466	3466
2.5	3461	3461	3461	3470	3470
5.0	3453	3444	3453	3456	3466
7.5	3439	3430	3439	3449	3461
10.0	3413	3405	3426	3444	3456
12.5	3387	3382	3409	3444	3456
15.0	3343	3353	3374	3430	3453
17.5	3299	3309	3364	3422	3439
20.0	3247	3261	3339	3405	3430
22.5	3191	3212	3309	3387	3418
25.0	3126	3160	3269	3374	3395
27.5	3060	3105	3235	3335	3356
30.0	2981	3035	3182	3282	3300
32.5	2899	2964	3134	3217	3243
35.0	2807	2889	3061	3153	3178
37.5	2707	2804	2982	3074	3095
40.0	2603	2716	2899	2987	3004
42.5	2493	2629	2803	2881	2886
45.0	2385	2532	2707	2760	2755
47.5	2262	2432	2585	2619	2614
50.0	2139	2323	2463	2475	2458
52.5	2008	2205	2328	2319	2297
55.0	1869	2079	2185	2149	2114
57.5	1733	1944	2028	1970	1953
60.0	1591	1804	1844	1799	1777
62.5	1438	1668	1673	1630	1635
65.0	1294	1512	1491	1486	1504
67.5	1142	1350	1320	1342	1289
70.0	998	1193	1172	1129	1076
72.5	844	1011	993	880	837
75.0	693	831	796	644	601
77.5	544	658	574	435	431
80.0	405	501	400	321	321
82.5	264	326	269	264	260
85.0	143	195	207	204	195
87.5	68	133	151	138	151
90.0	33	81	112	110	112
92.5	38	77	107	112	115
95.0	60	95	133	138	143
97.5	90	102	151	168	169
100.0	112	125	177	190	194
102.5	138	146	186	217	230
105.0	177	182	186	235	239
107.5	204	225	200	207	235
110.0	239	256	220	230	230
112.5	261	287	251	238	252
115.0	295	318	287	274	264
117.5	321	379	321	305	300
120.0	361	426	361	338	330
122.5	392	474	396	374	361
125.0	413	513	426	405	400
127.5	444	562	462	448	439
130.0	470	596	492	483	475
132.5	492	618	536	505	513
135.0	518	614	601	535	539
137.5	541	610	649	588	566
140.0	557	610	683	639	613
142.5	570	601	723	688	670
145.0	600	627	762	723	714
147.5	626	644	788	757	749
150.0	636	662	775	796	783
152.5	657	679	744	831	824
155.0	671	685	723	831	854
157.5	688	710	710	793	823
160.0	693	723	723	745	780
162.5	698	727	732	726	736
165.0	714	727	745	732	739
167.5	724	736	754	749	754
170.0	727	731	749	749	754
172.5	736	741	749	749	754
175.0	741	731	745	741	745
177.5	741	741	736	741	741
180.0	741	741	741	741	741