



Photometric Report

Number of lamps: 3
 Lumens per lamp: 3050.00
 Input watts: 88.00
 Distribution: Direct
 Efficiency: 60.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 1.600
 90-270 Axis: 3.600
 Height: 0.000
 Spacing Criteria (0): 1.32
 Spacing Criteria (90): 1.15
 Spacing Criteria (Four Luminaires): 1.14

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1930	21	35
0-40	3010	33	54
0-60	4736	52	85
0-90	5539	61	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	5539	61	100

Total Luminaire Efficiency = 61%

Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	5033	5033	5033	5033	5033	5033	5033	5033
45.0	5045	2701	3248	2701	5045	2484	2920	2484
55.0	4073	2854	3160	2854	4073	2326	2639	2326
65.0	3396	1928	2034	1928	3396	2180	2375	2180
75.0	1394	1372	1653	1372	1394	1870	2347	1870
85.0	729	1008	1951	1008	729	1415	1286	1415

Coefficients of Utilization

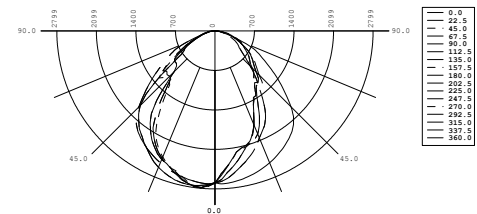
pfc= 0.20

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	72	72	72	71	71	71	71	67	67	67	65	65	65	62	62	62	61	
1	67	64	62	60	65	63	61	59	60	59	57	58	57	55	56	55	54	52
2	61	57	53	50	60	56	52	49	54	51	48	52	49	47	50	48	46	45
3	57	51	46	43	55	50	46	42	48	44	41	46	43	41	45	42	40	39
4	52	45	41	37	51	45	40	37	43	39	36	42	38	36	41	38	35	34
5	48	41	36	32	47	40	36	32	39	35	32	38	34	31	37	34	31	30
6	45	37	32	29	44	37	32	28	36	31	28	35	31	28	34	30	28	27
7	42	34	29	25	41	34	29	25	33	28	25	32	28	25	31	28	25	24
8	39	31	26	23	38	31	26	23	30	26	23	29	25	23	29	25	23	21
9	37	29	24	21	36	28	24	21	28	24	21	27	23	21	27	23	21	19
10	34	27	22	19	34	26	22	19	26	22	19	25	22	19	25	21	19	18





Candela Distribution

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5	360.0
0.0	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693	2693
2.5	2714	2668	2637	2532	2562	2532	2637	2668	2714	2723	2750	2731	2758	2731	2750	2723	2714
5.0	2705	2618	2516	2416	2425	2416	2516	2618	2705	2747	2783	2789	2799	2789	2783	2747	2705
7.5	2692	2544	2428	2298	2309	2298	2428	2544	2692	2761	2778	2783	2772	2783	2778	2761	2692
10.0	2674	2466	2331	2179	2179	2179	2331	2466	2674	2764	2742	2744	2726	2744	2742	2764	2674
12.5	2650	2395	2224	2130	2146	2130	2224	2395	2650	2753	2703	2687	2651	2687	2703	2753	2650
15.0	2627	2323	2130	2105	2125	2105	2130	2323	2627	2734	2637	2610	2579	2610	2637	2734	2627
17.5	2597	2249	2086	2053	2061	2053	2086	2249	2597	2701	2565	2552	2557	2552	2565	2701	2597
20.0	2565	2155	2053	1945	1957	1945	2053	2155	2565	2662	2502	2521	2496	2521	2502	2662	2565
22.5	2530	2053	1976	1802	1805	1802	1976	2053	2530	2615	2464	2447	2416	2447	2464	2615	2530
25.0	2492	1973	1860	1626	1626	1626	1860	1973	2492	2560	2406	2373	2337	2373	2406	2560	2492
27.5	2447	1899	1709	1472	1477	1472	1709	1899	2447	2486	2320	2276	2227	2276	2320	2486	2447
30.0	2406	1791	1532	1364	1392	1364	1532	1791	2406	2408	2235	2166	2097	2166	2235	2408	2406
32.5	2354	1654	1381	1353	1402	1353	1381	1654	2354	2340	2119	2039	1904	2039	2119	2340	2354
35.0	2302	1477	1281	1221	1256	1221	1281	1477	2302	2262	2000	1830	1675	1830	2000	2262	2302
37.5	2242	1298	1198	1155	1213	1155	1198	1298	2242	2196	1846	1598	1447	1598	1846	2196	2242
40.0	2166	1165	1069	1190	1278	1190	1069	1165	2166	2100	1604	1350	1248	1350	1604	2100	2166
42.5	2058	1022	1022	1141	1243	1141	1022	1022	2058	2000	1276	1160	1193	1160	1276	2000	2058
45.0	1909	890	940	1033	1105	1033	940	890	1909	1871	1022	1135	1229	1135	1022	1871	1909
47.5	1728	771	849	951	1019	951	849	771	1728	1651	923	1149	1221	1149	923	1651	1728
50.0	1566	664	802	887	945	887	802	664	1566	1309	893	1113	1298	1113	893	1309	1566
52.5	1408	587	761	840	882	840	761	587	1408	956	893	1160	1163	1160	893	956	1408
55.0	1250	524	714	782	810	782	714	524	1250	727	876	1025	970	1025	876	727	1250
57.5	1106	491	648	727	738	727	648	491	1106	648	761	852	816	852	761	648	1106
60.0	977	457	600	653	656	653	600	457	977	612	631	722	678	722	631	612	977
62.5	875	413	554	567	579	567	554	413	875	545	524	615	559	615	524	545	875
65.0	768	363	493	499	537	499	493	363	768	457	436	509	460	509	436	457	768
67.5	589	311	419	446	477	446	419	311	589	372	361	421	378	421	361	372	589
70.0	412	264	353	399	421	399	353	264	412	300	287	345	317	345	287	300	412
72.5	281	223	303	336	363	336	303	223	281	242	229	287	259	287	229	242	281
75.0	193	182	259	292	325	292	259	182	193	193	190	237	229	237	190	193	193
77.5	134	143	215	226	251	226	215	143	134	154	151	190	193	190	151	154	134
80.0	92	105	159	166	201	166	159	105	92	113	113	159	166	159	113	113	92
82.5	58	68	116	108	135	108	116	68	58	85	80	126	124	126	80	85	58
85.0	34	33	66	38	60	38	66	33	34	52	47	91	91	91	47	52	34
87.5	9	2	17	0	5	0	17	2	9	27	22	58	47	58	22	27	9
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0