



Photometric Report

Number of lamps: 8
 Lumens per lamp: 2900.00
 Input watts: 256.00
 Distribution: Direct-Indirect
 Efficiency: 65.6
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.000
 90-270 Axis: 3.719
 Height: 2.302
 Spacing Criteria (0): 22.86
 Spacing Criteria (90): 1.59
 Spacing Criteria (Four Luminaires): 16.16

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	338	1	2
0-40	926	4	6
0-60	3080	13	20
0-90	7616	33	50
90-120	4529	20	30
90-150	7260	31	48
90-180	7596	33	50
0-180	15212	66	100

Total Luminaire Efficiency = 66%

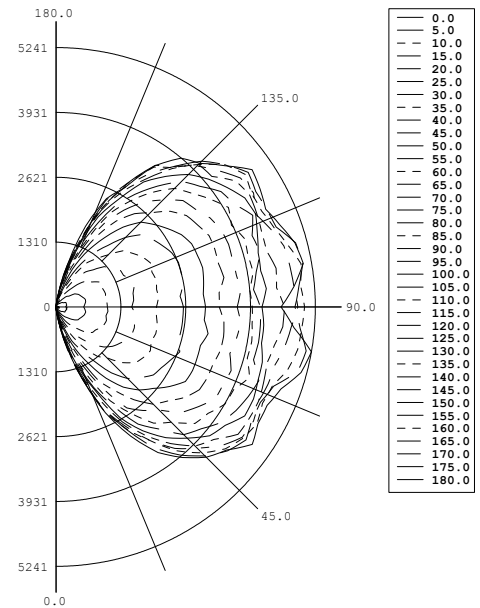
Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	0	0	0	0	0
45.0	7635	6987	77683728	0	0
55.0	7433	6914	83559176	0	0
65.0	6531	6617	121535952	0	0
75.0	6675	6318	148274768	0	0
85.0	6094	6075	108837568	0	0

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	70	70	70	70	65	65	65	65	55	55	55	45	45	45	37	37	37	33
1	60	56	52	49	55	51	48	45	43	40	37	34	32	30	27	25	24	20
2	54	47	41	37	49	43	38	34	35	31	28	28	25	23	22	19	17	14
3	48	40	34	29	43	36	31	27	30	25	22	24	20	17	18	15	13	10
4	43	35	28	23	39	32	26	21	26	21	18	20	17	14	15	13	10	8
5	39	30	24	19	36	28	22	18	22	18	14	18	14	11	13	10	8	6
6	36	27	20	16	32	24	19	15	20	15	12	16	12	9	12	9	7	5
7	33	24	18	14	30	22	16	12	18	13	10	14	10	8	10	8	6	4
8	30	21	16	12	28	19	14	11	16	12	9	13	9	7	9	7	5	3
9	28	19	14	10	26	18	13	9	14	10	7	11	8	6	9	6	4	3
10	26	17	12	9	24	16	11	8	13	9	6	10	7	5	8	5	4	2





PB38329-FA

Candela Distribution

	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0		
0.0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
5.0	36	65	85	78	54	38	45	36	37	31	12	13	7	12	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.0	304	273	268	267	213	221	207	128	139	105	68	70	44	32	19	17	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15.0	834	881	827	797	769	685	600	459	402	288	214	144	110	86	42	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.0	1548	1548	1418	1521	1396	1278	1145	1001	876	704	567	364	272	164	104	43	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25.0	2364	2281	2352	2280	2052	1853	1797	1580	1349	1134	958	761	450	261	130	69	38	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30.0	3013	2868	2851	2771	2685	2585	2314	2194	1914	1722	1328	1000	722	476	246	104	44	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35.0	3591	3484	3288	3286	3183	3054	2889	2617	2493	2063	1759	1328	1036	692	385	177	59	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40.0	3971	3908	3796	3734	3606	3450	3217	3066	2731	2448	2114	1742	1305	879	505	242	87	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45.0	4294	4255	4171	4036	3976	3751	3650	3293	2947	2779	2375	2043	1458	1081	634	300	116	27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.0	4500	4524	4461	4361	4165	4052	3831	3662	3315	2953	2561	2223	1751	1259	799	373	147	38	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55.0	4844	4683	4620	4592	4487	4170	4071	3750	3513	3186	2804	2398	1963	1392	901	461	158	45	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60.0	4713	4569	4696	4611	4510	4403	4194	3936	3713	3346	3017	2457	2041	1480	925	517	208	45	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65.0	4709	4560	4606	4513	4517	4405	4287	3958	3721	3373	3044	2547	2102	1570	999	536	206	52	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70.0	4839	4681	4657	4562	4465	4344	4362	4164	3762	3376	3032	2659	2044	1628	1036	569	203	75	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75.0	5129	5057	4857	4574	4412	4318	4132	4001	3636	3433	3020	2564	2087	1636	1055	596	225	63	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80.0	5241	5134	4960	4690	4481	4217	4155	4019	3699	3438	3119	2571	2074	1611	1025	608	208	57	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85.0	4829	4951	4985	4770	4600	4216	4148	3980	3744	3404	3006	2570	2036	1596	1051	586	227	48	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90.0	4548	4830	5023	4889	4618	4164	4133	3966	3660	3296	3019	2573	2028	1529	1037	559	195	52	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95.0	4831	4928	4961	4824	4474	4267	4008	3931	3742	3307	2985	2516	2076	1575	1031	581	202	62	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100.0	5075	5065	5030	4799	4518	4202	4109	4045	3700	3443	3027	2603	2063	1578	1012	609	220	45	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105.0	4999	5014	4848	4769	4404	4231	4270	4017	3689	3396	3066	2620	2095	1633	1036	611	214	54	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110.0	4823	4732	4690	4613	4423	4330	4218	4050	3708	3413	3043	2631	2062	1616	1019	574	219	59	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115.0	4677	4691	4588	4449	4477	4451	4389	3909	3681	3411	3023	2583	2105	1507	1004	544	219	46	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120.0	4764	4664	4568	4611	4520	4403	4155	4022	3594	3309	2924	2482	2020	1495	1011	515	173	58	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125.0	4838	4743	4667	4545	4436	4213	4068	3802	3441	3218	2757	2382	1892	1365	881	464	158	38	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130.0	4442	4469	4465	4284	4108	4019	3793	3576	3346	3010	2593	2280	1765	1269	821	343	138	37	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135.0	4104	4167	4070	4028	4075	3785	3590	3390	3060	2689	2423	1989	1494	1061	681	304	100	26	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140.0	3928	3705	3672	3708	3651	3446	3186	3025	2767	2463	2109	1624	1272	926	495	218	93	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145.0	3487	3495	3450	3288	3155	3083	2779	2616	2390	2120	1712	1331	1094	706	364	151	66	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150.0	2789	2890	2875	2800	2696	2501	2336	2193	1949	1663	1341	1015	766	471	248	111	36	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155.0	2415	2369	2216	2236	2157	2011	1710	1540	1386	1140	965	663	490	286	148	70	33	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.0	1737	1393	1472	1333	1347	1247	1166	973	858	766	552	336	238	145	89	41	29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165.0	873	878	771	758	716	647	572	508	380	298	205	139	121	71	41	21	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.0	286	250	284	280	205	236	161	136	114	112	88	82	32	29	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175.0	45	79	41	81	45	33	62	36	40	6	38	15	23	5	0	0	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
180.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	