



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CRL11A-40-L.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] EVERFINE

[TESTDATE] 2022-06-15

[ISSUEDATE] 2022-06-15 14:33:15

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-2000B_V1 SYSTEM

[MANUFAC] LAMAR LED

[LUMCAT] CRL11A-40-L

[LUMINAIRE] 11" CIRCLE DRUM FROSTED ACRYLIC DIFFUSER 4000K LOW OUTPUT

[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1832
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	13.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.92 ft (Diameter)
Luminous Width (90-270)	0.92 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7775	7809	8146
55	7755	7816	8269
65	8129	8215	8711
75	9706	9829	10552
85	19669	19959	21822

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CANDELA TABULATION

	<u>0</u>	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>150</u>	<u>180</u>	<u>210</u>	<u>240</u>	<u>270</u>
0	487.445	487.445	487.445	487.445	487.445	487.445	487.445	487.445	487.445	487.445
1	487.238	486.917	487.020	490.669	489.671	488.500	487.605	487.181	487.078	490.302
2	486.974	486.504	486.710	490.669	489.246	488.133	487.445	487.342	486.768	489.774
3	486.229	485.712	486.332	490.612	488.925	487.812	487.445	487.020	486.492	489.350
4	485.391	485.024	485.804	490.187	488.718	487.502	486.928	486.917	486.125	488.351
5	484.691	484.175	484.955	489.866	488.030	486.756	486.343	486.229	485.552	487.502
6	483.853	483.119	484.071	489.028	487.135	486.171	485.655	485.804	484.496	486.607
7	482.522	482.063	483.211	488.282	486.286	485.219	485.127	485.012	483.704	485.494
8	481.272	480.595	482.063	487.548	485.334	484.221	483.865	484.014	482.649	483.968
9	479.986	479.069	481.042	486.171	484.025	482.947	482.809	483.153	481.547	482.557
10	478.460	477.531	479.206	485.219	482.809	481.788	481.536	481.788	479.906	480.698
11	476.728	475.741	477.726	483.647	481.226	480.422	480.170	480.526	478.323	479.229
12	474.915	473.676	475.982	482.316	479.745	478.828	478.575	479.034	476.682	477.267
13	472.712	471.564	474.089	480.629	477.795	477.095	477.106	477.508	474.995	475.156
14	470.738	469.499	472.333	478.931	475.993	474.857	475.144	475.546	472.987	473.044
15	468.225	467.284	469.809	476.820	473.836	473.079	473.308	473.916	470.818	470.509
16	466.148	464.634	467.732	474.800	471.817	470.577	471.231	471.587	468.638	468.122
17	463.349	462.167	464.989	472.643	469.235	468.466	468.764	469.533	466.125	465.448
18	460.595	459.390	462.706	470.141	466.974	465.666	466.504	467.296	463.601	462.717
19	457.646	456.418	459.711	467.674	464.014	463.452	463.899	464.771	460.836	459.895
20	454.972	453.572	457.141	465.001	461.329	460.296	460.962	461.983	458.105	456.900
21	451.576	450.440	454.008	462.018	458.415	457.531	458.300	459.275	455.030	453.664
22	448.524	446.975	451.014	459.080	455.512	454.330	455.512	456.223	452.081	450.084
23	445.288	443.681	447.560	456.051	452.069	451.346	452.379	453.251	448.524	446.734
24	441.593	439.734	444.393	452.677	448.650	447.870	449.224	449.935	445.426	443.004
25	437.933	436.280	440.675	449.533	444.989	444.416	445.563	446.791	441.444	439.505
26	433.882	432.551	436.843	445.758	441.570	440.744	441.937	443.222	438.243	435.305
27	430.210	428.294	432.964	442.408	437.738	437.015	438.208	439.505	433.940	431.415
28	425.953	424.313	429.178	438.415	433.756	433.240	434.754	435.776	430.107	427.273
29	421.811	419.734	425.139	434.364	429.648	429.132	430.704	431.828	426.103	422.844
30	417.290	415.695	421.146	430.383	425.403	425.047	426.344	427.847	421.651	418.644
31	413.022	411.014	416.567	426.160	420.928	420.515	422.201	423.521	417.393	413.768
32	408.306	406.504	411.943	421.662	416.785	416.223	417.795	419.287	412.884	408.937
33	403.682	401.674	407.480	417.348	412.219	411.530	413.377	414.754	408.363	404.313
34	398.633	396.728	402.695	412.620	407.330	406.860	408.707	410.394	403.739	399.367
35	393.802	391.794	397.703	407.996	402.557	402.075	404.141	405.506	398.484	394.169
36	388.799	386.585	392.655	402.993	397.497	397.084	398.920	400.779	393.641	389.063
37	383.395	381.215	387.617	398.059	392.505	391.874	393.928	395.787	388.168	383.647
38	378.231	375.959	382.133	392.735	387.090	386.711	388.834	390.463	383.131	378.335
39	372.563	370.394	376.992	387.549	381.616	381.318	383.785	385.277	377.451	372.769
40	366.975	364.978	371.461	382.121	376.372	375.891	378.220	379.895	372.460	367.090
41	361.238	359.080	365.736	376.590	370.693	370.302	372.804	374.479	366.091	361.307
42	355.512	353.148	360.159	371.025	365.116	364.577	367.021	368.914	361.261	355.363
43	349.465	347.308	354.261	365.242	359.172	359.000	361.444	363.119	354.525	349.626
44	343.785	341.295	348.329	359.666	353.171	353.114	355.328	357.497	349.465	343.315
45	337.417	335.363	342.431	353.504	347.227	347.067	349.499	351.599	342.534	337.532
46	331.530	329.258	336.602	347.618	341.226	341.226	343.441	345.460	337.314	331.163
47	325.575	323.062	330.383	341.513	335.030	334.961	337.509	339.448	330.544	325.174
48	319.104	316.740	324.118	335.351	328.972	328.593	331.347	333.550	324.692	318.691
49	312.896	310.429	318.025	329.098	322.672	322.500	325.208	327.296	318.289	312.230
50	306.837	304.118	311.645	322.936	316.350	316.178	318.931	321.089	312.024	306.069
51	300.171	297.945	305.449	316.419	309.867	309.821	312.770	314.778	306.218	299.850
52	294.261	291.485	299.184	310.257	303.510	303.395	306.264	308.467	299.345	293.389
53	286.424	285.059	292.930	303.843	297.084	297.245	299.941	302.362	293.286	286.906

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54	278.599	278.863	285.461	297.417	290.785	290.968	293.527	295.994	286.769	280.653
55	272.999	272.277	277.991	291.095	284.462	283.326	287.262	289.924	280.182	274.078
56	266.390	266.080	271.680	283.636	277.899	275.707	280.848	282.282	274.617	267.618
57	260.297	259.815	265.449	276.189	271.519	269.534	274.525	274.663	267.090	261.445
58	253.814	253.286	259.230	269.718	265.220	263.200	268.226	268.524	261.881	255.019
59	247.607	246.975	252.839	263.407	258.737	256.843	261.743	262.099	254.514	248.662
60	241.376	240.814	246.551	257.004	252.414	250.360	255.478	255.948	249.293	242.397
61	235.157	234.652	240.401	250.911	245.885	244.222	249.213	249.752	241.927	236.132
62	229.075	228.456	234.262	244.485	239.678	237.968	242.799	243.602	236.453	229.924
63	222.925	222.248	228.077	238.404	233.378	231.841	236.752	237.394	229.947	223.682
64	216.878	216.144	221.938	232.024	227.113	225.587	230.441	231.164	223.728	217.521
65	210.842	210.154	216.006	225.931	220.917	219.529	224.233	225.094	218.003	211.531
66	204.910	204.199	209.936	219.804	214.755	213.562	218.071	219.104	211.210	205.518
67	198.989	198.255	204.084	213.642	208.800	207.549	212.128	213.046	206.149	199.357
68	193.172	192.506	198.106	207.641	202.684	201.514	206.069	207.182	199.311	193.573
69	187.423	186.631	192.323	201.720	196.809	195.570	200.183	201.261	194.055	187.836
70	181.617	180.940	186.597	195.995	190.911	189.925	194.342	195.409	187.951	182.053
71	176.098	175.214	180.963	190.143	185.232	184.153	188.617	189.684	182.432	176.167
72	170.418	169.649	175.260	184.382	179.357	178.381	182.730	184.027	176.557	170.498
73	165.025	164.073	169.776	178.691	173.619	172.816	177.050	178.324	171.084	164.968
74	159.540	158.439	164.256	173.138	168.077	167.343	171.462	172.816	165.496	159.437
75	154.182	153.379	158.886	167.618	162.558	161.916	165.943	167.228	159.965	154.170
76	148.881	148.135	153.516	162.157	157.039	156.500	160.366	161.904	154.824	148.708
77	143.694	142.868	148.261	156.775	151.830	151.187	155.111	156.408	149.145	143.453
78	138.531	137.727	142.983	151.497	146.471	145.966	149.649	151.164	144.566	138.198
79	133.459	132.105	137.991	146.287	141.376	140.803	144.543	145.989	138.737	132.897
80	128.582	127.217	133.011	141.158	135.983	135.788	139.345	140.814	133.666	127.596
81	123.740	122.512	128.123	136.075	130.579	130.797	134.021	135.788	128.605	122.845
82	118.967	117.728	123.247	131.153	125.783	125.897	128.697	130.808	123.281	117.923
83	114.308	113.161	118.565	126.242	120.998	121.101	124.004	125.943	119.300	113.344
84	109.650	108.617	113.918	121.468	116.385	116.408	119.127	121.113	113.964	108.651
85	105.209	104.222	109.305	116.729	111.726	111.841	114.618	116.408	109.661	104.176
86	100.837	99.839	104.865	112.208	107.114	107.263	109.856	111.795	105.266	99.736
87	96.488	95.593	100.481	107.710	102.994	102.903	105.645	107.355	100.527	95.421
88	92.369	91.428	96.270	103.281	98.451	98.565	100.975	102.857	96.833	91.233
89	88.330	87.389	92.059	98.990	94.446	94.389	96.879	98.623	92.128	87.114
90	84.303	83.534	88.032	94.698	90.189	90.212	92.472	94.320	88.089	83.132
91	80.413	79.724	84.039	90.636	86.288	86.219	88.296	90.223	84.521	79.185
92	76.638	76.007	80.298	86.655	82.363	82.237	84.727	86.138	80.344	75.433
93	72.977	72.358	76.500	82.822	78.634	78.474	80.436	82.363	76.684	71.738
94	69.397	68.778	72.886	79.013	74.962	74.698	76.787	78.451	73.046	68.181
95	65.921	65.347	69.248	75.307	71.291	71.027	73.230	74.733	69.225	64.681
96	62.616	61.996	65.829	71.704	67.825	67.550	69.397	71.096	65.989	61.319
97	59.288	58.864	62.536	68.215	64.463	64.165	66.265	67.642	62.627	58.106
98	56.202	55.743	59.311	64.819	61.193	60.872	62.650	64.268	59.242	54.985
99	53.218	52.771	56.179	61.549	57.980	57.647	59.506	60.964	56.443	51.979
100	50.212	49.879	53.138	58.416	54.951	54.641	56.339	57.785	53.230	49.053
101	47.504	47.102	50.258	55.295	51.991	51.658	53.368	54.722	50.361	46.230
102	44.739	44.440	47.458	52.392	49.156	48.858	50.430	51.784	47.688	43.603
103	42.214	41.847	44.808	49.501	46.403	46.127	47.665	48.870	44.681	41.021
104	39.759	39.392	42.180	46.839	43.844	43.545	45.014	46.185	42.191	38.577
105	37.407	37.074	39.770	44.199	41.342	41.055	42.490	43.557	39.828	36.282
106	35.169	34.871	37.453	41.721	38.990	38.657	40.046	41.124	37.407	34.113
107	33.104	32.805	35.238	39.323	36.730	36.431	37.739	38.761	35.376	32.025
108	31.119	30.843	33.115	37.039	34.607	34.320	35.571	36.523	33.138	30.074
109	29.191	28.950	31.130	34.848	32.587	32.300	33.459	34.366	31.210	28.250

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CANDELA TABULATION - (Cont.)

110	27.458	27.137	29.248	32.828	30.660	30.396	31.520	32.381	29.432	26.506
111	25.829	25.542	27.493	30.924	28.870	28.640	29.650	30.510	27.619	24.934
112	24.268	23.982	25.829	29.122	27.183	26.965	27.917	28.720	26.093	23.396
113	22.811	22.547	24.234	27.435	25.622	25.416	26.299	27.068	24.475	22.031
114	21.492	21.193	22.800	25.886	24.154	23.970	24.762	25.508	23.098	20.723
115	20.264	19.977	21.446	24.429	22.811	22.639	23.373	24.096	21.859	19.564
116	19.128	18.864	20.229	23.064	21.560	21.400	22.077	22.731	20.620	18.462
117	18.072	17.797	19.059	21.847	20.436	20.287	20.906	21.515	19.587	17.453
118	17.154	16.821	18.003	20.654	19.346	19.197	19.816	20.344	18.531	16.546
119	16.294	15.961	17.017	19.598	18.393	18.267	18.841	19.300	17.636	15.743
120	15.502	15.192	16.145	18.634	17.510	17.418	17.957	18.348	16.810	14.986
121	14.745	14.458	15.330	17.717	16.695	16.661	17.223	17.510	16.030	14.286
122	14.068	13.804	14.595	16.925	15.984	15.915	16.535	16.718	15.468	13.666
123	13.471	13.196	13.941	16.190	15.307	15.181	15.743	16.030	14.848	13.104
124	12.955	12.668	13.379	15.548	14.710	14.584	15.031	15.422	14.182	12.599
125	12.496	12.186	12.840	14.951	14.159	14.033	14.435	14.836	13.666	12.174
126	12.071	11.761	12.346	14.435	13.666	13.540	13.941	14.332	13.207	11.853
127	11.715	11.348	11.899	14.068	13.184	13.115	13.563	13.907	12.771	11.429
128	11.325	10.981	11.520	13.620	12.771	12.668	13.127	13.482	12.381	10.947
129	10.935	10.614	11.165	13.138	12.369	12.243	12.668	12.966	12.002	10.488
130	10.556	10.201	10.786	12.760	11.979	11.853	12.232	12.564	11.647	10.017
131	10.132	9.799	10.338	12.438	11.555	11.429	11.819	12.174	11.199	9.593
132	9.719	9.432	9.914	12.117	11.142	10.992	11.394	11.738	10.740	9.225
133	9.340	9.145	9.547	11.601	10.763	10.579	10.958	11.291	10.327	8.916
134	8.973	8.893	9.214	11.119	10.384	10.224	10.568	10.752	9.983	8.686
135	8.675	8.675	8.950	10.763	10.017	9.914	10.201	10.304	9.719	8.548
136	8.457	8.560	8.744	10.407	9.753	9.684	9.902	9.914	9.547	8.537
137	8.365	8.606	8.640	10.040	9.570	9.547	9.650	9.593	9.558	8.606
138	8.445	8.675	8.686	9.822	9.570	9.535	9.489	9.409	9.627	8.675
139	8.514	8.744	8.744	9.834	9.639	9.604	9.512	9.420	9.696	8.744
140	8.594	8.824	8.812	9.879	9.696	9.673	9.581	9.489	9.753	8.824
141	8.686	8.893	8.893	9.937	9.765	9.742	9.650	9.547	9.811	8.893
142	8.744	8.962	8.950	9.994	9.822	9.811	9.719	9.616	9.879	8.973
143	8.835	9.030	9.019	10.052	9.879	9.879	9.776	9.661	9.948	9.030
144	8.904	9.111	9.088	10.097	9.937	9.937	9.845	9.730	9.994	9.111
145	8.996	9.168	9.168	10.155	10.006	9.994	9.914	9.788	10.063	9.180
146	9.065	9.202	9.225	10.212	10.063	10.052	9.971	9.834	10.109	9.260
147	9.145	9.260	9.294	10.270	10.120	10.120	10.029	9.891	10.155	9.329
148	9.214	9.317	9.363	10.316	10.166	10.166	10.086	9.948	10.201	9.398
149	9.294	9.375	9.432	10.373	10.224	10.224	10.132	9.994	10.247	9.478
150	9.375	9.455	9.489	10.419	10.293	10.270	10.189	10.052	10.293	9.570
151	9.455	9.524	9.558	10.465	10.350	10.316	10.247	10.109	10.327	9.639
152	9.535	9.558	9.616	10.511	10.396	10.373	10.304	10.155	10.373	9.719
153	9.616	9.627	9.673	10.568	10.453	10.430	10.361	10.212	10.419	9.788
154	9.707	9.707	9.742	10.614	10.511	10.476	10.407	10.258	10.453	9.857
155	9.788	9.776	9.799	10.660	10.556	10.522	10.453	10.316	10.465	9.937
156	9.857	9.857	9.857	10.706	10.614	10.579	10.511	10.361	10.453	9.994
157	9.937	9.937	9.879	10.740	10.660	10.625	10.556	10.407	10.442	10.052
158	10.017	10.006	9.925	10.786	10.706	10.660	10.602	10.453	10.488	10.097
159	10.086	10.075	9.971	10.820	10.752	10.706	10.637	10.499	10.534	10.155
160	10.166	10.143	10.029	10.866	10.797	10.740	10.683	10.556	10.579	10.189
161	10.235	10.212	10.063	10.901	10.832	10.786	10.717	10.602	10.614	10.247
162	10.304	10.281	10.143	10.935	10.866	10.832	10.740	10.648	10.660	10.304
163	10.384	10.350	10.189	10.970	10.901	10.866	10.786	10.694	10.706	10.384
164	10.453	10.407	10.247	10.992	10.935	10.889	10.809	10.729	10.740	10.442
165	10.522	10.465	10.304	11.015	10.981	10.924	10.832	10.774	10.774	10.511

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166	10.579	10.476	10.373	11.038	11.015	10.947	10.866	10.797	10.797	10.556
167	10.602	10.499	10.430	11.073	11.050	10.958	10.889	10.832	10.843	10.625
168	10.648	10.556	10.499	11.107	11.073	10.992	10.924	10.866	10.866	10.683
169	10.694	10.602	10.556	11.119	11.084	11.027	10.958	10.889	10.889	10.740
170	10.740	10.660	10.614	11.073	11.096	11.038	10.958	10.912	10.889	10.786
171	10.774	10.694	10.660	11.061	11.096	11.050	10.981	10.935	10.924	10.832
172	10.809	10.740	10.717	11.073	11.084	11.073	10.981	10.958	10.947	10.866
173	10.809	10.774	10.763	11.084	11.096	11.073	10.970	10.970	10.958	10.912
174	10.832	10.820	10.809	11.096	11.073	11.061	10.981	10.981	10.970	10.935
175	10.866	10.855	10.855	11.119	11.061	11.050	10.981	10.981	10.981	10.981
176	10.889	10.878	10.878	11.107	11.073	11.050	10.981	10.992	10.992	11.015
177	10.924	10.912	10.901	11.130	11.061	11.050	10.992	10.992	11.004	11.027
178	10.958	10.947	10.935	11.130	11.061	11.038	10.992	11.015	10.992	11.061
179	10.981	10.970	10.958	11.130	11.061	11.050	10.992	11.004	10.992	11.084
180	10.992	10.992	10.992	10.992	10.992	10.992	10.992	10.992	10.992	10.992

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	487.445	487.445	487.445
1	489.453	488.087	487.238
2	488.822	488.076	486.974
3	488.707	487.342	486.229
4	488.133	487.078	485.391
5	487.066	486.183	484.691
6	486.183	485.448	483.853
7	485.276	484.232	482.522
8	483.796	483.073	481.272
9	482.683	481.547	479.986
10	481.054	480.113	478.460
11	479.527	478.277	476.728
12	477.715	476.624	474.915
13	475.833	474.789	472.712
14	473.595	472.826	470.738
15	471.553	470.463	468.225
16	469.258	468.122	466.148
17	466.573	465.701	463.349
18	464.071	462.924	460.595
19	461.088	460.216	457.646
20	458.460	457.221	454.972
21	455.167	454.295	451.576
22	452.218	450.979	448.524
23	448.558	447.686	445.288
24	445.242	444.221	441.593
25	441.467	440.721	437.933
26	437.795	436.774	433.882
27	433.802	433.102	430.210
28	429.706	428.960	425.953
29	425.667	424.794	421.811
30	421.203	420.446	417.290
31	416.774	415.925	413.022
32	412.207	411.048	408.306
33	407.376	406.734	403.682
34	402.855	402.006	398.633
35	397.761	396.808	393.802
36	392.712	391.702	388.799

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	387.399	386.550	383.395
38	382.190	381.192	378.231
39	376.728	375.718	372.563
40	371.094	370.360	366.975
41	365.311	364.634	361.238
42	359.735	359.012	355.512
43	353.837	353.114	349.465
44	347.904	347.216	343.785
45	341.846	341.020	337.417
46	335.856	334.904	331.530
47	329.591	328.972	325.575
48	323.384	322.649	319.104
49	317.337	316.350	312.896
50	310.750	309.981	306.837
51	304.393	303.762	300.171
52	298.128	297.348	294.261
53	291.978	290.980	286.424
54	284.462	284.566	278.599
55	276.947	278.404	272.999
56	270.727	271.737	266.390
57	264.233	265.564	260.297
58	257.979	259.092	253.814
59	251.714	252.736	247.607
60	245.484	246.356	241.376
61	239.207	240.194	235.157
62	232.977	233.998	229.075
63	226.792	227.848	222.925
64	220.791	221.640	216.878
65	214.675	215.536	210.842
66	208.674	209.534	204.910
67	202.719	203.476	198.989
68	196.695	197.578	193.172
69	191.026	191.749	187.423
70	185.071	185.909	181.617
71	179.494	180.080	176.098
72	173.769	174.503	170.418
73	168.181	168.766	165.025
74	162.615	163.292	159.540
75	157.314	157.716	154.182
76	151.887	152.403	148.881
77	146.632	147.148	143.694
78	141.411	141.893	138.531
79	136.259	136.741	133.459
80	131.153	131.164	128.582
81	126.299	126.242	123.740
82	121.399	121.365	118.967
83	116.615	116.672	114.308
84	111.887	112.048	109.650
85	107.412	107.469	105.209
86	102.799	102.994	100.837
87	98.428	98.623	96.488
88	94.251	94.389	92.369
89	90.017	90.166	88.330
90	85.978	86.150	84.303
91	81.881	82.145	80.413
92	78.175	78.301	76.638

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CANDELA TABULATION - (Cont.)

93	74.239	74.526	72.977
94	70.648	70.866	69.397
95	67.091	67.297	65.921
96	63.591	63.867	62.616
97	60.264	60.573	59.288
98	57.154	57.315	56.202
99	53.941	54.263	53.218
100	50.981	51.302	50.212
101	48.170	48.399	47.504
102	45.347	45.714	44.739
103	42.788	43.063	42.214
104	40.264	40.574	39.759
105	37.866	38.210	37.407
106	35.605	35.949	35.169
107	33.505	33.815	33.104
108	31.474	31.807	31.119
109	29.558	29.902	29.191
110	27.803	28.101	27.458
111	26.139	26.460	25.829
112	24.544	24.865	24.268
113	23.121	23.431	22.811
114	21.767	22.054	21.492
115	20.516	20.838	20.264
116	19.392	19.702	19.128
117	18.359	18.646	18.072
118	17.372	17.717	17.154
119	16.512	16.936	16.294
120	15.731	16.248	15.502
121	14.997	15.376	14.745
122	14.332	14.618	14.068
123	13.758	13.987	13.471
124	13.184	13.448	12.955
125	12.691	12.943	12.496
126	12.255	12.507	12.071
127	11.830	12.083	11.715
128	11.463	11.692	11.325
129	11.061	11.325	10.935
130	10.694	10.947	10.556
131	10.224	10.534	10.132
132	9.834	10.075	9.719
133	9.432	9.661	9.340
134	9.099	9.271	8.973
135	8.812	8.950	8.675
136	8.571	8.675	8.457
137	8.480	8.468	8.365
138	8.548	8.457	8.445
139	8.617	8.525	8.514
140	8.698	8.606	8.594
141	8.766	8.675	8.686
142	8.847	8.755	8.744
143	8.927	8.824	8.835
144	8.996	8.904	8.904
145	9.065	8.984	8.996
146	9.145	9.076	9.065
147	9.237	9.145	9.145
148	9.317	9.225	9.214

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CANDELA TABULATION - (Cont.)

149	9.386	9.294	9.294
150	9.466	9.386	9.375
151	9.547	9.455	9.455
152	9.639	9.535	9.535
153	9.707	9.616	9.616
154	9.788	9.707	9.707
155	9.868	9.788	9.788
156	9.948	9.879	9.857
157	10.029	9.948	9.937
158	10.109	10.029	10.017
159	10.178	10.109	10.086
160	10.270	10.189	10.166
161	10.338	10.258	10.235
162	10.396	10.338	10.304
163	10.453	10.396	10.384
164	10.499	10.476	10.453
165	10.534	10.545	10.522
166	10.568	10.579	10.579
167	10.614	10.625	10.602
168	10.671	10.660	10.648
169	10.717	10.694	10.694
170	10.774	10.717	10.740
171	10.809	10.763	10.774
172	10.855	10.797	10.809
173	10.889	10.820	10.809
174	10.924	10.855	10.832
175	10.947	10.889	10.866
176	10.970	10.924	10.889
177	11.015	10.935	10.924
178	11.038	10.970	10.958
179	11.050	10.981	10.981
180	10.992	10.992	10.992

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	179.44	N.A.	9.80
0-30	383.44	N.A.	20.90
0-40	633.35	N.A.	34.60
0-60	1150.15	N.A.	62.80
0-80	1535.48	N.A.	83.80
0-90	1655.75	N.A.	90.40
10-90	1609.5	N.A.	87.90
20-40	453.91	N.A.	24.80
20-50	719.39	N.A.	39.30
40-70	732.69	N.A.	40.00
60-80	385.32	N.A.	21.00
70-80	169.43	N.A.	9.20
80-90	120.28	N.A.	6.60
90-110	119.30	N.A.	6.50
90-120	141.46	N.A.	7.70
90-130	153.77	N.A.	8.40
90-150	167.34	N.A.	9.10
90-180	176.09	N.A.	9.60
110-180	56.79	N.A.	3.10
0-180	1831.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	46.26
10-20	133.18
20-30	204.00
30-40	249.91
40-50	265.48
50-60	251.32
60-70	215.89
70-80	169.43
80-90	120.28
90-100	76.43
100-110	42.86
110-120	22.16
120-130	12.31
130-140	7.59
140-150	5.98
150-160	4.69
160-170	3.02
170-180	1.04

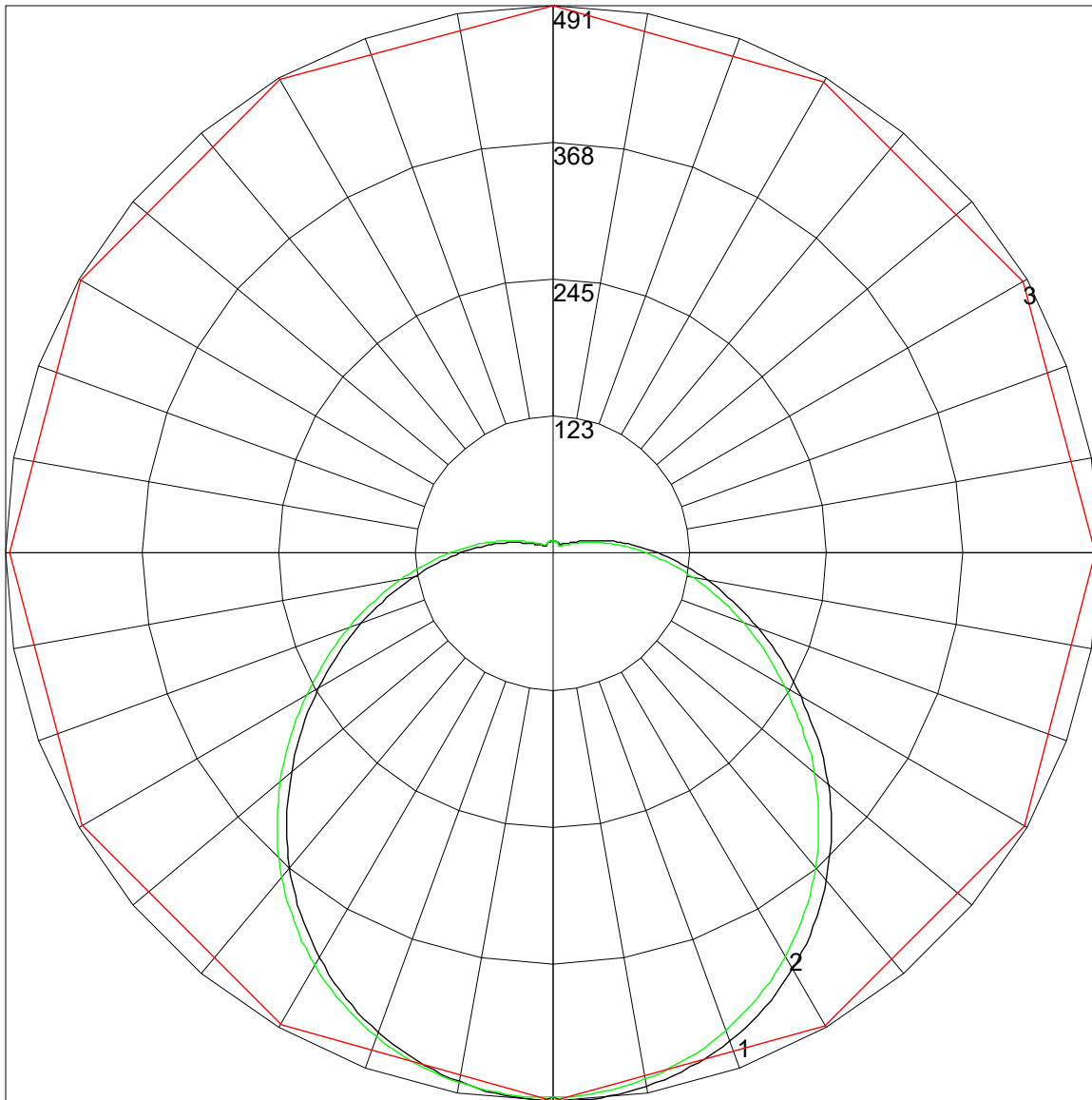
IES INDOOR REPORT
PHOTOMETRIC FILENAME : CRL11A-40-L.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	104	98	93	88	100	95	90	86	89	85	82	83	80	77	78	76	73	71
2	94	84	77	70	90	82	75	69	77	71	66	72	67	63	67	63	60	57
3	85	74	65	58	82	71	63	56	67	60	54	63	57	52	59	54	50	47
4	78	65	55	48	74	63	54	47	59	52	46	55	49	44	52	47	42	40
5	71	58	48	41	68	56	47	40	53	45	39	50	43	38	47	41	37	34
6	66	52	42	36	63	50	41	35	47	40	34	45	38	33	42	36	32	30
7	61	47	38	31	58	45	37	31	43	35	30	41	34	29	39	33	28	26
8	56	43	34	28	54	41	33	27	39	32	27	37	31	26	35	30	25	23
9	53	39	31	25	51	38	30	25	36	29	24	34	28	23	33	27	23	21
10	49	36	28	22	48	35	27	22	33	26	22	32	26	21	30	25	21	19

POLAR GRAPH



Maximum Candela = 490.669 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)