



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CDL11A-40-H.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] EVERFINE

[TESTDATE] 2022-06-15

[ISSUEDATE] 2022-06-15 09:17:36

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-2000B_V1 SYSTEM

[MANUFAC] LAMAR LED

[LUMCAT] CDL11A-40-H

[LUMINAIRE] 11" CIRCLE DOME FROSTED ACRYLIC DIFFUSER 4000K HIGH OUTPUT

[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2684
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	20.5
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	11391	11441	11934
55	11362	11451	12115
65	11910	12036	12762
75	14221	14401	15460
85	28817	29243	31972

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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	714.163	714.163	714.163	714.163	714.163	714.163	714.163	714.163	714.163	714.163
1	713.861	713.390	713.541	718.887	717.425	715.710	714.399	713.777	713.625	718.349
2	713.474	712.785	713.087	718.887	716.803	715.172	714.163	714.012	713.172	717.576
3	712.381	711.625	712.533	718.803	716.332	714.701	714.163	713.541	712.768	716.954
4	711.154	710.616	711.759	718.181	716.029	714.247	713.407	713.390	712.230	715.491
5	710.129	709.372	710.515	717.711	715.021	713.155	712.549	712.381	711.390	714.247
6	708.901	707.826	709.221	716.483	713.709	712.297	711.541	711.759	709.843	712.936
7	706.951	706.279	707.960	715.391	712.465	710.902	710.767	710.599	708.683	711.305
8	705.119	704.127	706.279	714.315	711.070	709.439	708.918	709.137	707.136	709.070
9	703.236	701.891	704.783	712.297	709.154	707.573	707.372	707.876	705.522	707.002
10	701.000	699.638	702.093	710.902	707.372	705.875	705.506	705.875	703.118	704.278
11	698.462	697.016	699.924	708.599	705.052	703.875	703.505	704.026	700.798	702.126
12	695.805	693.990	697.369	706.649	702.883	701.538	701.168	701.841	698.394	699.252
13	692.578	690.896	694.595	704.177	700.025	699.000	699.016	699.605	695.923	696.158
14	689.686	687.870	692.023	701.689	697.386	695.721	696.142	696.730	692.981	693.065
15	686.004	684.626	688.324	698.596	694.225	693.116	693.452	694.343	689.804	689.350
16	682.962	680.742	685.281	695.637	691.266	689.451	690.409	690.930	686.610	685.853
17	678.860	677.128	681.264	692.477	687.484	686.357	686.794	687.921	682.928	681.936
18	674.825	673.060	677.918	688.812	684.172	682.255	683.483	684.643	679.229	677.935
19	670.504	668.705	673.530	685.197	679.835	679.011	679.666	680.944	675.178	673.799
20	666.587	664.536	669.765	681.280	675.901	674.388	675.363	676.859	671.177	669.412
21	661.611	659.947	665.175	676.909	671.631	670.336	671.463	672.892	666.671	664.671
22	657.139	654.870	660.787	672.606	667.377	665.646	667.377	668.420	662.351	659.426
23	652.398	650.045	655.727	668.168	662.334	661.275	662.788	664.066	657.139	654.517
24	646.985	644.262	651.087	663.225	657.324	656.181	658.165	659.207	652.600	649.053
25	641.622	639.202	645.640	658.619	651.961	651.121	652.802	654.601	646.767	643.926
26	635.688	633.738	640.025	653.088	646.952	645.741	647.490	649.372	642.076	637.773
27	630.308	627.501	634.343	648.179	641.337	640.277	642.026	643.926	635.772	632.074
28	624.071	621.667	628.795	642.328	635.503	634.747	636.966	638.462	630.157	626.005
29	618.002	614.960	622.878	636.394	629.485	628.728	631.031	632.679	624.290	619.515
30	611.379	609.042	617.027	630.560	623.264	622.743	624.643	626.845	617.767	613.362
31	605.125	602.183	610.320	624.374	616.708	616.103	618.574	620.507	611.530	606.218
32	598.215	595.576	603.545	617.784	610.639	609.815	612.118	614.304	604.923	599.140
33	591.440	588.498	597.005	611.463	603.948	602.939	605.646	607.663	598.299	592.365
34	584.043	581.253	589.995	604.537	596.786	596.097	598.804	601.275	591.525	585.119
35	576.966	574.024	582.682	597.762	589.793	589.087	592.113	594.113	583.825	577.504
36	569.636	566.392	575.285	590.432	582.379	581.774	584.464	587.187	576.731	570.023
37	561.718	558.524	567.905	583.203	575.066	574.142	577.151	579.874	568.712	562.088
38	554.153	550.824	559.869	575.402	567.131	566.576	569.687	572.074	561.331	554.304
39	545.848	542.671	552.337	567.804	559.112	558.675	562.290	564.475	553.010	546.151
40	537.661	534.736	544.234	559.852	551.429	550.723	554.136	556.591	545.697	537.829
41	529.255	526.095	535.845	551.749	543.108	542.536	546.201	548.656	536.366	529.356
42	520.866	517.403	527.675	543.595	534.937	534.147	537.728	540.502	529.289	520.648
43	512.007	508.846	519.034	535.122	526.229	525.977	529.558	532.012	519.421	512.242
44	503.685	500.037	510.342	526.952	517.437	517.353	520.597	523.775	512.007	502.996
45	494.355	491.346	501.701	517.924	508.729	508.493	512.057	515.134	501.853	494.523
46	485.731	482.402	493.161	509.300	499.936	499.936	503.181	506.140	494.204	485.193
47	477.006	473.324	484.049	500.357	490.858	490.757	494.489	497.330	484.285	476.417
48	467.524	464.061	474.870	491.329	481.982	481.427	485.462	488.689	475.711	466.919
49	458.429	454.815	465.944	482.167	472.752	472.500	476.468	479.527	466.330	457.454
50	449.553	445.568	456.597	473.139	463.489	463.237	467.272	470.432	457.151	448.426
51	439.785	436.524	447.518	463.590	453.991	453.924	458.244	461.186	448.645	439.314
52	431.127	427.059	438.339	454.562	444.677	444.509	448.712	451.940	438.575	429.850
53	419.645	417.645	429.177	445.165	435.263	435.498	439.449	442.996	429.698	420.351

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CANDELA TABULATION - (Cont.)

54	408.180	408.566	418.233	435.750	426.033	426.302	430.051	433.666	420.150	411.189
55	399.976	398.917	407.289	426.487	416.770	415.106	420.872	424.773	410.500	401.556
56	390.293	389.839	398.043	415.560	407.154	403.943	411.475	413.576	402.346	392.091
57	381.366	380.660	388.914	404.649	397.807	394.899	402.212	402.414	391.318	383.047
58	371.867	371.094	379.802	395.168	388.578	385.619	392.982	393.419	383.686	373.632
59	362.772	361.848	370.438	385.922	379.079	376.305	383.484	384.005	372.893	364.319
60	353.644	352.820	361.226	376.541	369.816	366.807	374.305	374.994	365.244	355.140
61	344.532	343.792	352.215	367.614	360.251	357.813	365.126	365.916	354.451	345.961
62	335.622	334.714	343.221	358.200	351.156	348.651	355.728	356.905	346.432	336.866
63	326.611	325.619	334.159	349.290	341.926	339.674	346.869	347.810	336.900	327.721
64	317.752	316.676	325.165	339.943	332.747	330.511	337.623	338.682	327.788	318.693
65	308.909	307.900	316.474	331.016	323.669	321.635	328.528	329.788	319.399	309.917
66	300.217	299.175	307.581	322.038	314.641	312.893	319.500	321.013	309.447	301.108
67	291.543	290.467	299.007	313.011	305.916	304.084	310.792	312.137	302.033	292.081
68	283.019	282.044	290.248	304.218	296.956	295.241	301.915	303.546	292.013	283.608
69	274.597	273.437	281.775	295.544	288.348	286.533	293.291	294.871	284.314	275.202
70	266.090	265.098	273.386	287.155	279.707	278.262	284.734	286.297	275.370	266.729
71	258.004	256.709	265.132	278.581	271.386	269.806	276.345	277.909	267.284	258.105
72	249.682	248.556	256.777	270.142	262.778	261.349	267.721	269.621	258.676	249.800
73	241.781	240.386	248.741	261.803	254.373	253.196	259.399	261.265	250.657	241.697
74	233.745	232.131	240.655	253.667	246.253	245.177	251.212	253.196	242.470	233.594
75	225.894	224.717	232.787	245.580	238.167	237.225	243.126	245.009	234.367	225.877
76	218.127	217.035	224.919	237.578	230.080	229.290	234.956	237.208	226.836	217.875
77	210.529	209.318	217.220	229.694	222.448	221.506	227.256	229.156	218.514	210.176
78	202.964	201.787	209.486	221.960	214.597	213.857	219.254	221.473	211.806	202.476
79	195.533	193.549	202.173	214.328	207.133	206.292	211.773	213.891	203.266	194.709
80	188.388	186.388	194.877	206.813	199.231	198.946	204.157	206.309	195.836	186.942
81	181.294	179.495	187.716	199.366	191.313	191.633	196.357	198.946	188.422	179.982
82	174.300	172.485	180.571	192.154	184.286	184.454	188.556	191.650	180.621	172.770
83	167.475	165.794	173.712	184.959	177.276	177.427	181.680	184.521	174.788	166.063
84	160.649	159.136	166.903	177.965	170.518	170.551	174.536	177.444	166.970	159.187
85	154.143	152.698	160.145	171.022	163.692	163.860	167.929	170.551	160.666	152.630
86	147.738	146.276	153.639	164.398	156.934	157.153	160.952	163.793	154.227	146.124
87	141.367	140.055	147.217	157.808	150.899	150.764	154.782	157.287	147.284	139.803
88	135.331	133.953	141.047	151.319	144.241	144.410	147.940	150.697	141.871	133.667
89	129.414	128.035	134.878	145.032	138.374	138.290	141.938	144.494	134.978	127.632
90	123.513	122.387	128.977	138.744	132.137	132.171	135.483	138.189	129.061	121.798
91	117.814	116.805	123.126	132.793	126.421	126.321	129.363	132.188	123.832	116.015
92	112.283	111.358	117.646	126.959	120.672	120.487	124.135	126.203	117.713	110.518
93	106.920	106.012	112.081	121.344	115.208	114.973	117.848	120.672	112.350	105.105
94	101.675	100.767	106.786	115.763	109.829	109.442	112.502	114.939	107.021	99.893
95	96.581	95.741	101.457	110.333	104.449	104.062	107.290	109.492	101.423	94.766
96	91.740	90.832	96.447	105.054	99.372	98.968	101.675	104.163	96.682	89.840
97	86.864	86.242	91.622	99.944	94.446	94.009	97.086	99.103	91.756	85.133
98	82.342	81.670	86.898	94.967	89.655	89.184	91.790	94.160	86.797	80.560
99	77.971	77.315	82.308	90.176	84.948	84.460	87.184	89.319	82.695	76.155
100	73.567	73.079	77.853	85.587	80.510	80.056	82.544	84.662	77.988	71.869
101	69.599	69.011	73.634	81.014	76.172	75.685	78.190	80.173	73.785	67.733
102	65.547	65.110	69.532	76.761	72.020	71.583	73.886	75.870	69.868	63.883
103	61.849	61.311	65.648	72.524	67.985	67.582	69.834	71.600	65.463	60.101
104	58.251	57.713	61.799	68.624	64.236	63.799	65.951	67.666	61.815	56.520
105	54.805	54.318	58.268	64.757	60.571	60.151	62.252	63.816	58.352	53.158
106	51.527	51.090	54.872	61.126	57.125	56.637	58.672	60.252	54.805	49.980
107	48.501	48.064	51.628	57.613	53.813	53.376	55.293	56.789	51.829	46.921
108	45.592	45.189	48.518	54.267	50.703	50.283	52.115	53.511	48.551	44.063
109	42.768	42.415	45.609	51.056	47.744	47.324	49.022	50.350	45.727	41.390

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CANDELA TABULATION - (Cont.)

110	40.230	39.759	42.852	48.097	44.920	44.533	46.181	47.442	43.121	38.834
111	37.842	37.422	40.280	45.307	42.297	41.961	43.441	44.701	40.465	36.531
112	35.556	35.136	37.842	42.667	39.826	39.507	40.902	42.079	38.229	34.278
113	33.421	33.034	35.506	40.196	37.540	37.237	38.532	39.658	35.859	32.278
114	31.488	31.051	33.404	37.926	35.388	35.119	36.279	37.372	33.841	30.361
115	29.689	29.269	31.420	35.791	33.421	33.169	34.245	35.304	32.026	28.663
116	28.025	27.638	29.638	33.791	31.589	31.353	32.345	33.303	30.210	27.049
117	26.478	26.074	27.924	32.009	29.941	29.722	30.630	31.521	28.697	25.570
118	25.133	24.645	26.377	30.260	28.344	28.125	29.033	29.807	27.150	24.242
119	23.872	23.385	24.931	28.714	26.949	26.764	27.604	28.277	25.839	23.065
120	22.712	22.258	23.654	27.302	25.654	25.520	26.310	26.881	24.629	21.956
121	21.603	21.182	22.460	25.957	24.461	24.410	25.234	25.654	23.485	20.930
122	20.611	20.224	21.384	24.797	23.418	23.317	24.225	24.494	22.662	20.022
123	19.737	19.333	20.426	23.721	22.426	22.241	23.065	23.485	21.754	19.199
124	18.980	18.560	19.602	22.779	21.552	21.367	22.023	22.594	20.779	18.459
125	18.308	17.854	18.812	21.905	20.745	20.560	21.149	21.737	20.022	17.837
126	17.686	17.232	18.089	21.149	20.022	19.837	20.426	20.997	19.350	17.366
127	17.164	16.626	17.433	20.611	19.316	19.215	19.871	20.375	18.711	16.744
128	16.593	16.088	16.879	19.955	18.711	18.560	19.232	19.753	18.139	16.038
129	16.021	15.551	16.357	19.249	18.123	17.938	18.560	18.997	17.585	15.366
130	15.466	14.945	15.803	18.694	17.551	17.366	17.921	18.408	17.064	14.676
131	14.844	14.357	15.147	18.224	16.929	16.744	17.316	17.837	16.408	14.054
132	14.239	13.819	14.525	17.753	16.324	16.105	16.694	17.198	15.735	13.516
133	13.684	13.399	13.987	16.996	15.769	15.500	16.055	16.542	15.130	13.062
134	13.146	13.029	13.500	16.290	15.214	14.979	15.483	15.752	14.626	12.726
135	12.709	12.709	13.113	15.769	14.676	14.525	14.945	15.097	14.239	12.524
136	12.390	12.541	12.810	15.248	14.290	14.189	14.508	14.525	13.987	12.508
137	12.255	12.609	12.659	14.710	14.021	13.987	14.138	14.054	14.004	12.609
138	12.373	12.709	12.726	14.391	14.021	13.970	13.903	13.785	14.105	12.709
139	12.474	12.810	12.810	14.407	14.122	14.071	13.937	13.802	14.206	12.810
140	12.592	12.928	12.911	14.475	14.206	14.172	14.037	13.903	14.290	12.928
141	12.726	13.029	13.029	14.559	14.306	14.273	14.138	13.987	14.374	13.029
142	12.810	13.130	13.113	14.643	14.391	14.374	14.239	14.088	14.475	13.146
143	12.945	13.231	13.214	14.727	14.475	14.475	14.323	14.155	14.575	13.231
144	13.046	13.348	13.315	14.794	14.559	14.559	14.424	14.256	14.643	13.348
145	13.180	13.432	13.432	14.878	14.660	14.643	14.525	14.340	14.744	13.449
146	13.281	13.483	13.516	14.962	14.744	14.727	14.609	14.407	14.811	13.567
147	13.399	13.567	13.617	15.046	14.828	14.828	14.693	14.491	14.878	13.668
148	13.500	13.651	13.718	15.113	14.895	14.895	14.777	14.575	14.945	13.769
149	13.617	13.735	13.819	15.197	14.979	14.979	14.844	14.643	15.013	13.886
150	13.735	13.853	13.903	15.265	15.080	15.046	14.928	14.727	15.080	14.021
151	13.853	13.953	14.004	15.332	15.164	15.113	15.013	14.811	15.130	14.122
152	13.970	14.004	14.088	15.399	15.231	15.197	15.097	14.878	15.197	14.239
153	14.088	14.105	14.172	15.483	15.315	15.282	15.181	14.962	15.265	14.340
154	14.222	14.222	14.273	15.551	15.399	15.349	15.248	15.029	15.315	14.441
155	14.340	14.323	14.357	15.618	15.466	15.416	15.315	15.113	15.332	14.559
156	14.441	14.441	14.441	15.685	15.551	15.500	15.399	15.181	15.315	14.643
157	14.559	14.559	14.475	15.735	15.618	15.567	15.466	15.248	15.298	14.727
158	14.676	14.660	14.542	15.803	15.685	15.618	15.534	15.315	15.366	14.794
159	14.777	14.760	14.609	15.853	15.752	15.685	15.584	15.382	15.433	14.878
160	14.895	14.861	14.693	15.920	15.819	15.735	15.651	15.466	15.500	14.928
161	14.996	14.962	14.744	15.971	15.870	15.803	15.702	15.534	15.551	15.013
162	15.097	15.063	14.861	16.021	15.920	15.870	15.735	15.601	15.618	15.097
163	15.214	15.164	14.928	16.072	15.971	15.920	15.803	15.668	15.685	15.214
164	15.315	15.248	15.013	16.105	16.021	15.954	15.836	15.719	15.735	15.298
165	15.416	15.332	15.097	16.139	16.088	16.004	15.870	15.786	15.786	15.399

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166	15.500	15.349	15.197	16.173	16.139	16.038	15.920	15.819	15.819	15.466
167	15.534	15.382	15.282	16.223	16.189	16.055	15.954	15.870	15.887	15.567
168	15.601	15.466	15.382	16.273	16.223	16.105	16.004	15.920	15.920	15.651
169	15.668	15.534	15.466	16.290	16.240	16.156	16.055	15.954	15.954	15.735
170	15.735	15.618	15.551	16.223	16.257	16.173	16.055	15.988	15.954	15.803
171	15.786	15.668	15.618	16.206	16.257	16.189	16.088	16.021	16.004	15.870
172	15.836	15.735	15.702	16.223	16.240	16.223	16.088	16.055	16.038	15.920
173	15.836	15.786	15.769	16.240	16.257	16.223	16.072	16.072	16.055	15.988
174	15.870	15.853	15.836	16.257	16.223	16.206	16.088	16.088	16.072	16.021
175	15.920	15.904	15.904	16.290	16.206	16.189	16.088	16.088	16.088	16.088
176	15.954	15.937	15.937	16.273	16.223	16.189	16.088	16.105	16.105	16.139
177	16.004	15.988	15.971	16.307	16.206	16.189	16.105	16.105	16.122	16.156
178	16.055	16.038	16.021	16.307	16.206	16.173	16.105	16.139	16.105	16.206
179	16.088	16.072	16.055	16.307	16.206	16.189	16.105	16.122	16.105	16.240
180	16.105	16.105	16.105	16.105	16.105	16.105	16.105	16.105	16.105	16.105

Vert. Angles	Horizontal Angles		
	<u>300</u>	<u>330</u>	<u>360</u>
0	714.163	714.163	714.163
1	717.105	715.105	713.861
2	716.181	715.088	713.474
3	716.013	714.012	712.381
4	715.172	713.625	711.154
5	713.609	712.314	710.129
6	712.314	711.238	708.901
7	710.986	709.456	706.951
8	708.817	707.758	705.119
9	707.187	705.522	703.236
10	704.799	703.421	701.000
11	702.564	700.731	698.462
12	699.907	698.310	695.805
13	697.150	695.620	692.578
14	693.872	692.746	689.686
15	690.880	689.283	686.004
16	687.517	685.853	682.962
17	683.584	682.306	678.860
18	679.919	678.238	674.825
19	675.548	674.270	670.504
20	671.698	669.882	666.587
21	666.873	665.595	661.611
22	662.553	660.737	657.139
23	657.190	655.912	652.398
24	652.331	650.835	646.985
25	646.800	645.708	641.622
26	641.421	639.924	635.688
27	635.570	634.545	630.308
28	629.569	628.476	624.071
29	623.651	622.373	618.002
30	617.111	616.002	611.379
31	610.622	609.378	605.125
32	603.931	602.233	598.215
33	596.854	595.912	591.440
34	590.230	588.986	584.043
35	582.766	581.370	576.966
36	575.369	573.889	569.636

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	567.585	566.341	561.718
38	559.953	558.490	554.153
39	551.951	550.471	545.848
40	543.696	542.620	537.661
41	535.223	534.231	529.255
42	527.053	525.994	520.866
43	518.412	517.353	512.007
44	509.720	508.712	503.685
45	500.844	499.634	494.355
46	492.069	490.673	485.731
47	482.890	481.982	477.006
48	473.795	472.719	467.524
49	464.935	463.489	458.429
50	455.285	454.159	449.553
51	445.972	445.047	439.785
52	436.793	435.650	431.127
53	427.782	426.319	419.645
54	416.770	416.922	408.180
55	405.759	407.894	399.976
56	396.647	398.127	390.293
57	387.132	389.082	381.366
58	377.970	379.601	371.867
59	368.791	370.287	362.772
60	359.662	360.940	353.644
61	350.466	351.912	344.532
62	341.338	342.834	335.622
63	332.277	333.823	326.611
64	323.484	324.728	317.752
65	314.524	315.785	308.909
66	305.731	306.992	300.217
67	297.006	298.116	291.543
68	288.180	289.475	283.019
69	279.876	280.935	274.597
70	271.150	272.378	266.090
71	262.980	263.837	258.004
72	254.591	255.667	249.682
73	246.404	247.261	241.781
74	238.251	239.242	233.745
75	230.484	231.072	225.894
76	222.532	223.288	218.127
77	214.832	215.589	210.529
78	207.183	207.889	202.964
79	199.635	200.341	195.533
80	192.154	192.171	188.388
81	185.043	184.959	181.294
82	177.864	177.814	174.300
83	170.854	170.938	167.475
84	163.928	164.163	160.649
85	157.371	157.455	154.143
86	150.613	150.899	147.738
87	144.208	144.494	141.367
88	138.089	138.290	135.331
89	131.885	132.104	129.414
90	125.968	126.220	123.513
91	119.966	120.353	117.814
92	114.536	114.721	112.283

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

93	108.769	109.190	106.920
94	103.508	103.827	101.675
95	98.296	98.599	96.581
96	93.169	93.572	91.740
97	88.293	88.747	86.864
98	83.737	83.973	82.342
99	79.030	79.501	77.971
100	74.693	75.164	73.567
101	70.574	70.910	69.599
102	66.438	66.976	65.547
103	62.690	63.093	61.849
104	58.991	59.445	58.251
105	55.477	55.982	54.805
106	52.166	52.670	51.527
107	49.089	49.543	48.501
108	46.114	46.601	45.592
109	43.306	43.810	42.768
110	40.734	41.171	40.230
111	38.296	38.767	37.842
112	35.959	36.430	35.556
113	33.875	34.329	33.421
114	31.891	32.311	31.488
115	30.059	30.529	29.689
116	28.411	28.865	28.025
117	26.898	27.318	26.478
118	25.452	25.957	25.133
119	24.192	24.814	23.872
120	23.048	23.805	22.712
121	21.972	22.527	21.603
122	20.997	21.418	20.611
123	20.157	20.493	19.737
124	19.316	19.703	18.980
125	18.593	18.963	18.308
126	17.955	18.324	17.686
127	17.333	17.702	17.164
128	16.795	17.131	16.593
129	16.206	16.593	16.021
130	15.668	16.038	15.466
131	14.979	15.433	14.844
132	14.407	14.760	14.239
133	13.819	14.155	13.684
134	13.331	13.584	13.146
135	12.911	13.113	12.709
136	12.558	12.709	12.390
137	12.424	12.407	12.255
138	12.524	12.390	12.373
139	12.625	12.491	12.474
140	12.743	12.609	12.592
141	12.844	12.709	12.726
142	12.962	12.827	12.810
143	13.079	12.928	12.945
144	13.180	13.046	13.046
145	13.281	13.163	13.180
146	13.399	13.298	13.281
147	13.533	13.399	13.399
148	13.651	13.516	13.500

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

149	13.752	13.617	13.617
150	13.869	13.752	13.735
151	13.987	13.853	13.853
152	14.122	13.970	13.970
153	14.222	14.088	14.088
154	14.340	14.222	14.222
155	14.458	14.340	14.340
156	14.575	14.475	14.441
157	14.693	14.575	14.559
158	14.811	14.693	14.676
159	14.912	14.811	14.777
160	15.046	14.928	14.895
161	15.147	15.029	14.996
162	15.231	15.147	15.097
163	15.315	15.231	15.214
164	15.382	15.349	15.315
165	15.433	15.450	15.416
166	15.483	15.500	15.500
167	15.551	15.567	15.534
168	15.635	15.618	15.601
169	15.702	15.668	15.668
170	15.786	15.702	15.735
171	15.836	15.769	15.786
172	15.904	15.819	15.836
173	15.954	15.853	15.836
174	16.004	15.904	15.870
175	16.038	15.954	15.920
176	16.072	16.004	15.954
177	16.139	16.021	16.004
178	16.173	16.072	16.055
179	16.189	16.088	16.088
180	16.105	16.105	16.105

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	262.90	N.A.	9.80
0-30	561.78	N.A.	20.90
0-40	927.93	N.A.	34.60
0-60	1685.11	N.A.	62.80
0-80	2249.65	N.A.	83.80
0-90	2425.87	N.A.	90.40
10-90	2358.1	N.A.	87.90
20-40	665.03	N.A.	24.80
20-50	1053.99	N.A.	39.30
40-70	1073.48	N.A.	40.00
60-80	564.54	N.A.	21.00
70-80	248.24	N.A.	9.20
80-90	176.22	N.A.	6.60
90-110	174.79	N.A.	6.50
90-120	207.26	N.A.	7.70
90-130	225.29	N.A.	8.40
90-150	245.17	N.A.	9.10
90-180	257.99	N.A.	9.60
110-180	83.20	N.A.	3.10
0-180	2683.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	67.77
10-20	195.13
20-30	298.88
30-40	366.15
40-50	388.96
50-60	368.22
60-70	316.30
70-80	248.24
80-90	176.22
90-100	111.98
100-110	62.80
110-120	32.47
120-130	18.03
130-140	11.11
140-150	8.76
150-160	6.87
160-170	4.42
170-180	1.53

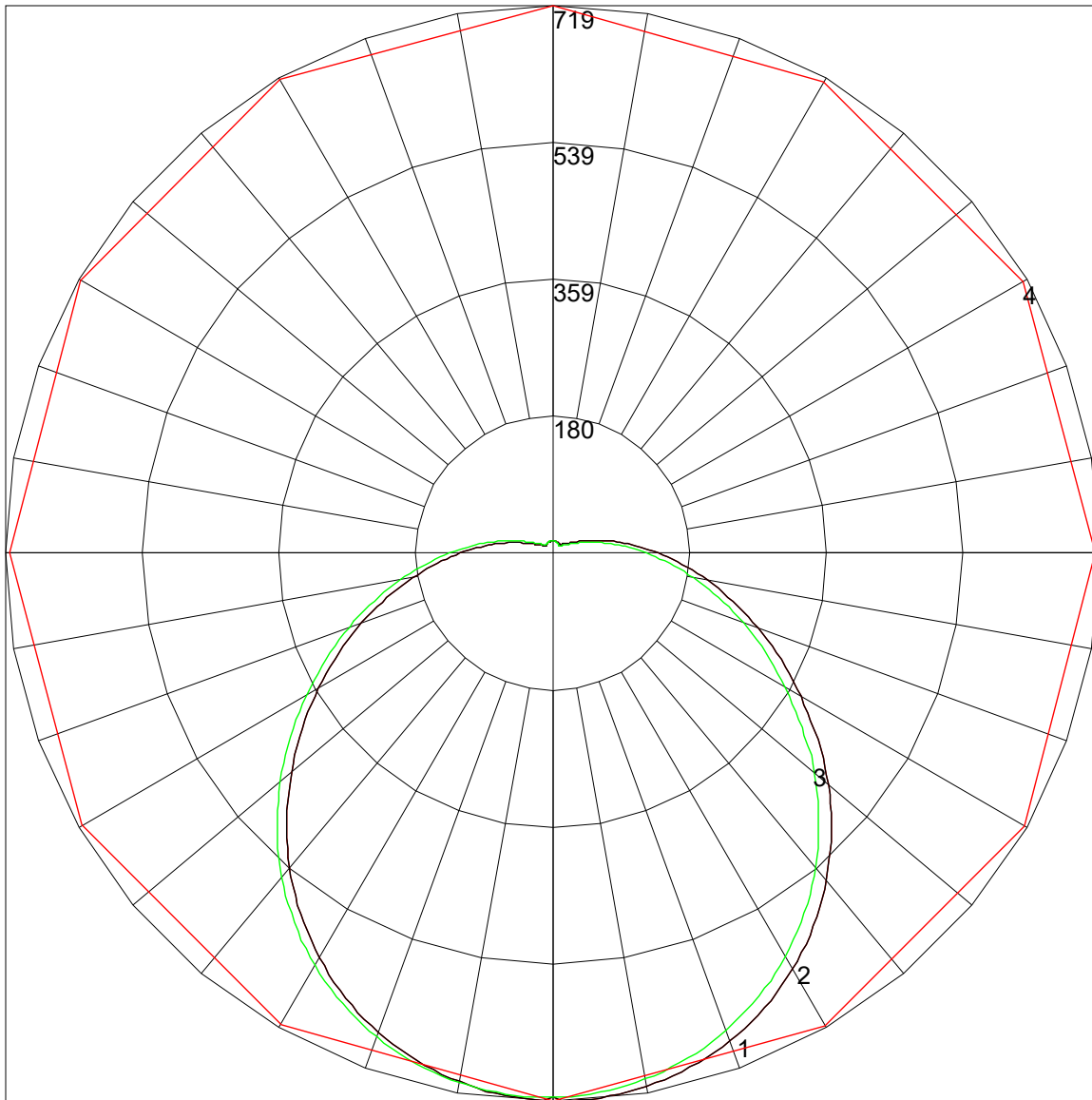
IES INDOOR REPORT
PHOTOMETRIC FILENAME : CDL11A-40-H.IES

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 = 718.887 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Vertical Plane Through Horizontal Angles (0 - 180)
4 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)