



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CDL11A-40-M.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] EVERFINE

[TESTDATE] 2022-06-15

[ISSUEDATE] 2022-06-15 12:13:45

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-2000B_V1 SYSTEM

[MANUFAC] LAMAR LED

[LUMCAT] CDL11A-40-M

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

[LAMP] LED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2300
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	17
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	9764	9807	10229
55	9739	9815	10385
65	10208	10317	10939
75	12189	12344	13252
85	24700	25065	27405

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CANDELA TABULATION

	0	30	60	90	120	150	180	210	240	270
0	612.140	612.140	612.140	612.140	612.140	612.140	612.140	612.140	612.140	612.140
1	611.881	611.477	611.607	616.189	614.936	613.466	612.342	611.809	611.679	615.728
2	611.549	610.959	611.218	616.189	614.402	613.005	612.140	612.010	611.290	615.065
3	610.613	609.964	610.742	616.117	613.999	612.601	612.140	611.607	610.944	614.532
4	609.561	609.100	610.080	615.584	613.740	612.212	611.492	611.477	610.483	613.279
5	608.682	608.033	609.013	615.181	612.875	611.276	610.757	610.613	609.763	612.212
6	607.630	606.708	607.904	614.129	611.751	610.541	609.892	610.080	608.437	611.088
7	605.958	605.382	606.823	613.192	610.685	609.345	609.229	609.085	607.443	609.691
8	604.388	603.538	605.382	612.270	609.489	608.091	607.644	607.832	606.117	607.774
9	602.774	601.621	604.100	610.541	607.846	606.492	606.319	606.751	604.734	606.002
10	600.857	599.690	601.794	609.345	606.319	605.036	604.719	605.036	602.673	603.667
11	598.681	597.442	599.935	607.371	604.330	603.321	603.004	603.451	600.684	601.823
12	596.405	594.848	597.745	605.699	602.471	601.318	601.001	601.578	598.624	599.359
13	593.638	592.197	595.367	603.581	600.022	599.143	599.157	599.661	596.506	596.707
14	591.160	589.603	593.163	601.448	597.759	596.333	596.693	597.197	593.984	594.056
15	588.004	586.822	589.992	598.797	595.050	594.099	594.387	595.151	591.260	590.871
16	585.396	583.494	587.384	596.261	592.514	590.958	591.779	592.226	588.523	587.874
17	581.880	580.396	583.940	593.552	589.272	588.306	588.681	589.647	585.367	584.517
18	578.421	576.908	581.073	590.410	586.433	584.790	585.842	586.837	582.197	581.087
19	574.718	573.176	577.312	587.312	582.715	582.009	582.571	583.667	578.724	577.542
20	571.361	569.603	574.084	583.955	579.344	578.047	578.882	580.165	575.294	573.781
21	567.095	565.669	570.150	580.208	575.684	574.574	575.539	576.764	571.433	569.718
22	563.262	561.317	566.389	576.519	572.038	570.554	572.038	572.931	567.729	565.222
23	559.199	557.181	562.052	572.715	567.715	566.807	568.104	569.199	563.262	561.014
24	554.559	552.224	558.075	568.479	563.421	562.441	564.141	565.035	559.372	556.331
25	549.962	547.887	553.406	564.530	558.824	558.104	559.545	561.086	554.372	551.936
26	544.875	543.204	548.593	559.790	554.530	553.493	554.991	556.605	550.351	546.662
27	540.264	537.858	543.723	555.582	549.717	548.809	550.308	551.936	544.948	541.777
28	534.918	532.858	538.968	550.567	544.717	544.069	545.971	547.253	540.135	536.575
29	529.716	527.108	533.895	545.481	539.558	538.910	540.884	542.296	535.106	531.013
30	524.039	522.036	528.881	540.481	534.227	533.780	535.408	537.296	529.515	525.739
31	518.679	516.157	523.131	535.178	528.607	528.088	530.206	531.864	524.169	519.615
32	512.756	510.494	517.324	529.529	523.405	522.699	524.673	526.546	518.506	513.549
33	506.949	504.427	511.719	524.111	517.670	516.805	519.125	520.854	512.828	507.742
34	500.609	498.217	505.710	518.174	511.531	510.941	513.261	515.379	507.021	501.531
35	494.542	492.021	499.442	512.367	505.537	504.932	507.525	509.240	500.421	495.003
36	488.260	485.479	493.101	506.084	499.182	498.663	500.969	503.303	494.341	488.591
37	481.473	478.735	486.775	499.888	492.914	492.121	494.701	497.035	487.467	481.790
38	474.988	472.135	479.888	493.202	486.113	485.637	488.303	490.349	481.141	475.118
39	467.870	465.146	473.432	486.689	479.239	478.864	481.963	483.836	474.008	468.129
40	460.852	458.345	466.487	479.873	472.654	472.049	474.974	477.078	467.740	460.996
41	453.647	450.938	459.296	472.928	465.521	465.031	468.172	470.276	459.743	453.734
42	446.457	443.489	452.293	465.939	458.518	457.841	460.910	463.288	453.676	446.270
43	438.863	436.154	444.886	458.676	451.054	450.838	453.907	456.011	445.218	439.065
44	431.730	428.603	437.436	451.673	443.517	443.445	446.226	448.950	438.863	431.139
45	423.733	421.153	430.030	443.935	436.053	435.851	438.906	441.543	430.160	423.877
46	416.341	413.487	422.710	436.543	428.517	428.517	431.298	433.834	423.603	415.880
47	408.862	405.706	414.900	428.877	420.736	420.649	423.848	426.283	415.101	408.358
48	400.735	397.766	407.032	421.139	413.127	412.652	416.110	418.877	407.752	400.216
49	392.939	389.841	399.380	413.286	405.216	405.000	408.401	411.023	399.712	392.103
50	385.331	381.916	391.369	405.548	397.277	397.060	400.519	403.228	391.844	384.365
51	376.959	374.163	383.587	397.363	389.135	389.077	392.781	395.302	384.553	376.555
52	369.538	366.051	375.720	389.625	381.152	381.008	384.610	387.377	375.921	368.443
53	359.696	357.981	367.866	381.570	373.083	373.284	376.671	379.711	368.313	360.301

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CANDELA TABULATION - (Cont.)

54	349.868	350.200	358.486	373.500	365.172	365.402	368.616	371.714	360.128	352.448
55	342.837	341.929	349.105	365.561	357.232	355.805	360.748	364.091	351.857	344.191
56	334.537	334.147	341.179	356.194	348.989	346.237	352.693	354.494	344.868	336.078
57	326.885	326.280	333.355	346.842	340.978	338.485	344.753	344.926	335.416	328.326
58	318.743	318.081	325.545	338.715	333.067	330.531	336.842	337.217	328.873	320.256
59	310.948	310.155	317.519	330.790	324.925	322.548	328.701	329.147	319.622	312.273
60	303.123	302.417	309.622	322.749	316.985	314.406	320.833	321.424	313.066	304.406
61	295.313	294.679	301.898	315.098	308.786	306.697	312.965	313.642	303.815	296.538
62	287.676	286.898	294.189	307.028	300.991	298.844	304.910	305.919	296.942	288.742
63	279.952	279.102	286.422	299.391	293.080	291.149	297.316	298.123	288.771	280.903
64	272.358	271.436	278.713	291.379	285.212	283.295	289.391	290.299	280.961	273.165
65	264.779	263.914	271.263	283.728	277.431	275.687	281.595	282.676	273.771	265.644
66	257.329	256.436	263.641	276.033	269.693	268.194	273.857	275.154	265.240	258.093
67	249.894	248.971	256.292	268.295	262.214	260.643	266.393	267.546	258.885	250.355
68	242.588	241.752	248.784	260.759	254.534	253.064	258.785	260.182	250.297	243.092
69	235.369	234.374	241.522	253.323	247.156	245.600	251.392	252.747	243.698	235.887
70	228.077	227.227	234.331	246.133	239.749	238.510	244.058	245.398	236.032	228.625
71	221.146	220.037	227.256	238.784	232.616	231.262	236.867	238.207	229.100	221.233
72	214.013	213.048	220.094	231.550	225.239	224.014	229.475	231.103	221.723	214.114
73	207.241	206.045	213.207	224.403	218.034	217.025	222.342	223.942	214.849	207.169
74	200.353	198.970	206.275	217.429	211.074	210.152	215.325	217.025	207.832	200.223
75	193.624	192.615	199.532	210.497	204.143	203.336	208.394	210.008	200.886	193.609
76	186.966	186.030	192.788	203.638	197.212	196.534	201.391	203.321	194.431	186.750
77	180.453	179.416	186.188	196.880	190.670	189.863	194.791	196.419	187.298	180.151
78	173.969	172.960	179.560	190.252	183.940	183.306	187.932	189.834	181.548	173.551
79	167.600	165.899	173.292	183.710	177.542	176.822	181.519	183.335	174.228	166.894
80	161.476	159.761	167.038	177.269	170.770	170.525	174.992	176.836	167.859	160.236
81	155.395	153.853	160.899	170.885	163.983	164.257	168.306	170.525	161.504	154.271
82	149.400	147.844	154.775	164.703	157.960	158.104	161.620	164.271	154.818	148.089
83	143.550	142.109	148.896	158.536	151.951	152.080	155.726	158.161	149.818	142.339
84	137.699	136.403	143.060	152.542	146.158	146.187	149.602	152.095	143.118	136.446
85	132.123	130.884	137.267	146.590	140.308	140.452	143.939	146.187	137.714	130.826
86	126.633	125.379	131.691	140.913	134.515	134.702	137.959	140.394	132.195	125.249
87	121.172	120.048	126.186	135.264	129.342	129.227	132.670	134.818	126.244	119.831
88	115.998	114.817	120.898	129.702	123.636	123.780	126.806	129.169	121.604	114.572
89	110.926	109.745	115.609	124.313	118.607	118.535	121.661	123.852	115.696	109.399
90	105.868	104.903	110.552	118.924	113.261	113.289	116.128	118.448	110.624	104.399
91	100.983	100.119	105.537	113.823	108.361	108.275	110.883	113.304	106.142	99.442
92	96.243	95.450	100.839	108.822	103.433	103.275	106.402	108.174	100.897	94.730
93	91.646	90.868	96.070	104.010	98.750	98.548	101.012	103.433	96.300	90.090
94	87.150	86.372	91.531	99.225	94.139	93.807	96.430	98.519	91.732	85.623
95	82.784	82.063	86.963	94.571	89.528	89.196	91.963	93.851	86.934	81.228
96	78.634	77.856	82.669	90.046	85.176	84.830	87.150	89.283	82.870	77.006
97	74.455	73.922	78.533	85.666	80.954	80.579	83.216	84.945	78.648	72.971
98	70.579	70.003	74.484	81.401	76.847	76.444	78.677	80.709	74.397	69.051
99	66.832	66.270	70.550	77.294	72.812	72.395	74.729	76.559	70.882	65.276
100	63.057	62.639	66.732	73.360	69.008	68.619	70.752	72.567	66.847	61.602
101	59.656	59.152	63.115	69.441	65.291	64.873	67.020	68.720	63.244	58.057
102	56.184	55.809	59.599	65.795	61.731	61.357	63.331	65.031	59.887	54.757
103	53.013	52.552	56.270	62.164	58.273	57.927	59.858	61.371	56.112	51.515
104	49.930	49.469	52.970	58.821	55.060	54.685	56.529	57.999	52.985	48.446
105	46.976	46.558	49.944	55.506	51.918	51.558	53.359	54.699	50.016	45.564
106	44.166	43.791	47.033	52.394	48.964	48.546	50.290	51.645	46.976	42.840
107	41.572	41.197	44.252	49.382	46.126	45.751	47.394	48.676	44.425	40.218
108	39.079	38.733	41.587	46.515	43.460	43.100	44.670	45.866	41.615	37.768
109	36.658	36.356	39.094	43.762	40.924	40.563	42.019	43.157	39.194	35.477

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CANDELA TABULATION - (Cont.)

110	34.483	34.079	36.730	41.226	38.503	38.171	39.584	40.664	36.961	33.286
111	32.436	32.076	34.526	38.834	36.255	35.967	37.235	38.315	34.684	31.312
112	30.477	30.116	32.436	36.572	34.137	33.863	35.059	36.068	32.768	29.381
113	28.647	28.315	30.433	34.454	32.177	31.918	33.027	33.993	30.736	27.667
114	26.989	26.615	28.632	32.508	30.333	30.102	31.096	32.033	29.007	26.024
115	25.448	25.087	26.932	30.678	28.647	28.430	29.353	30.260	27.451	24.569
116	24.021	23.690	25.404	28.964	27.076	26.874	27.724	28.546	25.894	23.185
117	22.695	22.350	23.935	27.436	25.664	25.476	26.255	27.018	24.597	21.917
118	21.543	21.125	22.609	25.938	24.295	24.107	24.886	25.548	23.272	20.779
119	20.462	20.044	21.370	24.612	23.099	22.940	23.661	24.237	22.148	19.770
120	19.468	19.078	20.275	23.401	21.989	21.874	22.551	23.041	21.110	18.819
121	18.517	18.156	19.251	22.249	20.966	20.923	21.629	21.989	20.130	17.940
122	17.666	17.335	18.329	21.254	20.073	19.986	20.764	20.995	19.424	17.162
123	16.917	16.571	17.508	20.332	19.223	19.064	19.770	20.130	18.646	16.456
124	16.269	15.908	16.802	19.525	18.473	18.315	18.877	19.367	17.810	15.822
125	15.692	15.303	16.124	18.776	17.782	17.623	18.127	18.632	17.162	15.289
126	15.159	14.770	15.505	18.127	17.162	17.003	17.508	17.998	16.586	14.885
127	14.712	14.251	14.943	17.666	16.557	16.470	17.032	17.465	16.038	14.352
128	14.222	13.790	14.467	17.104	16.038	15.908	16.485	16.931	15.548	13.747
129	13.732	13.329	14.021	16.499	15.534	15.375	15.908	16.283	15.073	13.171
130	13.257	12.810	13.545	16.024	15.044	14.885	15.361	15.779	14.626	12.580
131	12.724	12.306	12.983	15.620	14.511	14.352	14.842	15.289	14.064	12.047
132	12.205	11.845	12.450	15.217	13.992	13.805	14.309	14.741	13.488	11.585
133	11.730	11.485	11.989	14.568	13.516	13.286	13.761	14.179	12.969	11.196
134	11.268	11.168	11.571	13.963	13.041	12.839	13.271	13.502	12.536	10.908
135	10.894	10.894	11.240	13.516	12.580	12.450	12.810	12.940	12.205	10.735
136	10.620	10.750	10.980	13.070	12.248	12.162	12.436	12.450	11.989	10.721
137	10.505	10.807	10.851	12.609	12.018	11.989	12.119	12.047	12.003	10.807
138	10.606	10.894	10.908	12.335	12.018	11.974	11.917	11.816	12.090	10.894
139	10.692	10.980	10.980	12.349	12.104	12.061	11.946	11.830	12.176	10.980
140	10.793	11.081	11.067	12.407	12.176	12.147	12.032	11.917	12.248	11.081
141	10.908	11.168	11.168	12.479	12.263	12.234	12.119	11.989	12.320	11.168
142	10.980	11.254	11.240	12.551	12.335	12.320	12.205	12.075	12.407	11.268
143	11.095	11.340	11.326	12.623	12.407	12.407	12.277	12.133	12.493	11.340
144	11.182	11.441	11.413	12.681	12.479	12.479	12.364	12.219	12.551	11.441
145	11.297	11.513	11.513	12.753	12.565	12.551	12.450	12.292	12.637	11.528
146	11.384	11.557	11.585	12.825	12.637	12.623	12.522	12.349	12.695	11.629
147	11.485	11.629	11.672	12.897	12.709	12.709	12.594	12.421	12.753	11.715
148	11.571	11.701	11.758	12.954	12.767	12.767	12.666	12.493	12.810	11.802
149	11.672	11.773	11.845	13.026	12.839	12.839	12.724	12.551	12.868	11.902
150	11.773	11.874	11.917	13.084	12.926	12.897	12.796	12.623	12.926	12.018
151	11.874	11.960	12.003	13.142	12.998	12.954	12.868	12.695	12.969	12.104
152	11.974	12.003	12.075	13.199	13.055	13.026	12.940	12.753	13.026	12.205
153	12.075	12.090	12.147	13.271	13.127	13.098	13.012	12.825	13.084	12.292
154	12.191	12.191	12.234	13.329	13.199	13.156	13.070	12.882	13.127	12.378
155	12.292	12.277	12.306	13.387	13.257	13.214	13.127	12.954	13.142	12.479
156	12.378	12.378	12.378	13.444	13.329	13.286	13.199	13.012	13.127	12.551
157	12.479	12.479	12.407	13.488	13.387	13.343	13.257	13.070	13.113	12.623
158	12.580	12.565	12.464	13.545	13.444	13.387	13.315	13.127	13.171	12.681
159	12.666	12.652	12.522	13.588	13.502	13.444	13.358	13.185	13.228	12.753
160	12.767	12.738	12.594	13.646	13.560	13.488	13.415	13.257	13.286	12.796
161	12.853	12.825	12.637	13.689	13.603	13.545	13.459	13.315	13.329	12.868
162	12.940	12.911	12.738	13.732	13.646	13.603	13.488	13.372	13.387	12.940
163	13.041	12.998	12.796	13.776	13.689	13.646	13.545	13.430	13.444	13.041
164	13.127	13.070	12.868	13.805	13.732	13.675	13.574	13.473	13.488	13.113
165	13.214	13.142	12.940	13.833	13.790	13.718	13.603	13.531	13.531	13.199

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166	13.286	13.156	13.026	13.862	13.833	13.747	13.646	13.560	13.560	13.257
167	13.315	13.185	13.098	13.905	13.877	13.761	13.675	13.603	13.617	13.343
168	13.372	13.257	13.185	13.949	13.905	13.805	13.718	13.646	13.646	13.415
169	13.430	13.315	13.257	13.963	13.920	13.848	13.761	13.675	13.675	13.488
170	13.488	13.387	13.329	13.905	13.934	13.862	13.761	13.704	13.675	13.545
171	13.531	13.430	13.387	13.891	13.934	13.877	13.790	13.732	13.718	13.603
172	13.574	13.488	13.459	13.905	13.920	13.905	13.790	13.761	13.747	13.646
173	13.574	13.531	13.516	13.920	13.934	13.905	13.776	13.776	13.761	13.704
174	13.603	13.588	13.574	13.934	13.905	13.891	13.790	13.790	13.776	13.732
175	13.646	13.632	13.632	13.963	13.891	13.877	13.790	13.790	13.790	13.790
176	13.675	13.660	13.660	13.949	13.905	13.877	13.790	13.805	13.805	13.833
177	13.718	13.704	13.689	13.977	13.891	13.877	13.805	13.805	13.819	13.848
178	13.761	13.747	13.732	13.977	13.891	13.862	13.805	13.833	13.805	13.891
179	13.790	13.776	13.761	13.977	13.891	13.877	13.805	13.819	13.805	13.920
180	13.805	13.805	13.805	13.805	13.805	13.805	13.805	13.805	13.805	13.805

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	612.140	612.140	612.140
1	614.662	612.947	611.881
2	613.869	612.933	611.549
3	613.725	612.010	610.613
4	613.005	611.679	609.561
5	611.665	610.555	608.682
6	610.555	609.633	607.630
7	609.417	608.105	605.958
8	607.558	606.650	604.388
9	606.160	604.734	602.774
10	604.114	602.932	600.857
11	602.197	600.627	598.681
12	599.921	598.552	596.405
13	597.558	596.246	593.638
14	594.748	593.782	591.160
15	592.183	590.814	588.004
16	589.301	587.874	585.396
17	585.929	584.834	581.880
18	582.788	581.347	578.421
19	579.041	577.946	574.718
20	575.741	574.185	571.361
21	571.606	570.510	567.095
22	567.902	566.346	563.262
23	563.306	562.210	559.199
24	559.141	557.859	554.559
25	554.400	553.464	549.962
26	549.789	548.507	544.875
27	544.775	543.896	540.264
28	539.630	538.694	534.918
29	534.558	533.463	529.716
30	528.953	528.002	524.039
31	523.391	522.324	518.679
32	517.655	516.200	512.756
33	511.589	510.782	506.949
34	505.912	504.845	500.609
35	499.514	498.318	494.542
36	493.173	491.905	488.260

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	486.502	485.435	481.473
38	479.960	478.706	474.988
39	473.101	471.833	467.870
40	466.025	465.103	460.852
41	458.763	457.913	453.647
42	451.760	450.852	446.457
43	444.353	443.445	438.863
44	436.903	436.039	431.730
45	429.295	428.257	423.733
46	421.773	420.577	416.341
47	413.905	413.127	408.862
48	406.110	405.187	400.735
49	398.516	397.277	392.939
50	390.245	389.279	385.331
51	382.262	381.469	376.959
52	374.394	373.414	369.538
53	366.670	365.417	359.696
54	357.232	357.362	349.868
55	347.793	349.624	342.837
56	339.983	341.251	334.537
57	331.827	333.499	326.885
58	323.974	325.372	318.743
59	316.106	317.389	310.948
60	308.282	309.377	303.123
61	300.400	301.639	295.313
62	292.575	293.858	287.676
63	284.809	286.134	279.952
64	277.272	278.339	272.358
65	269.592	270.673	264.779
66	262.056	263.136	257.329
67	254.577	255.528	249.894
68	247.012	248.121	242.588
69	239.893	240.801	235.369
70	232.415	233.467	228.077
71	225.412	226.146	221.146
72	218.221	219.143	214.013
73	211.204	211.938	207.241
74	204.215	205.065	200.353
75	197.558	198.062	193.624
76	190.742	191.390	186.966
77	184.142	184.791	180.453
78	177.586	178.191	173.969
79	171.116	171.721	167.600
80	164.703	164.718	161.476
81	158.608	158.536	155.395
82	152.455	152.412	149.400
83	146.446	146.518	143.550
84	140.509	140.711	137.699
85	134.890	134.962	132.123
86	129.097	129.342	126.633
87	123.607	123.852	121.172
88	118.362	118.535	115.998
89	113.044	113.232	110.926
90	107.972	108.188	105.868
91	102.828	103.159	100.983
92	98.174	98.332	96.243

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CANDELA TABULATION - (Cont.)

93	93.231	93.591	91.646
94	88.721	88.995	87.150
95	84.254	84.513	82.784
96	79.859	80.205	78.634
97	75.680	76.069	74.455
98	71.775	71.977	70.579
99	67.740	68.144	66.832
100	64.022	64.426	63.057
101	60.492	60.780	59.656
102	56.947	57.408	56.184
103	53.734	54.080	53.013
104	50.564	50.953	49.930
105	47.552	47.984	46.976
106	44.713	45.146	44.166
107	42.076	42.466	41.572
108	39.526	39.944	39.079
109	37.119	37.552	36.658
110	34.915	35.289	34.483
111	32.825	33.229	32.436
112	30.822	31.226	30.477
113	29.036	29.425	28.647
114	27.335	27.696	26.989
115	25.765	26.168	25.448
116	24.352	24.742	24.021
117	23.056	23.416	22.695
118	21.816	22.249	21.543
119	20.736	21.269	20.462
120	19.756	20.404	19.468
121	18.834	19.309	18.517
122	17.998	18.358	17.666
123	17.277	17.565	16.917
124	16.557	16.888	16.269
125	15.937	16.254	15.692
126	15.390	15.707	15.159
127	14.856	15.173	14.712
128	14.395	14.684	14.222
129	13.891	14.222	13.732
130	13.430	13.747	13.257
131	12.839	13.228	12.724
132	12.349	12.652	12.205
133	11.845	12.133	11.730
134	11.427	11.643	11.268
135	11.067	11.240	10.894
136	10.764	10.894	10.620
137	10.649	10.634	10.505
138	10.735	10.620	10.606
139	10.822	10.706	10.692
140	10.923	10.807	10.793
141	11.009	10.894	10.908
142	11.110	10.995	10.980
143	11.211	11.081	11.095
144	11.297	11.182	11.182
145	11.384	11.283	11.297
146	11.485	11.398	11.384
147	11.600	11.485	11.485
148	11.701	11.585	11.571

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CANDELA TABULATION - (Cont.)

149	11.787	11.672	11.672
150	11.888	11.787	11.773
151	11.989	11.874	11.874
152	12.104	11.974	11.974
153	12.191	12.075	12.075
154	12.292	12.191	12.191
155	12.392	12.292	12.292
156	12.493	12.407	12.378
157	12.594	12.493	12.479
158	12.695	12.594	12.580
159	12.781	12.695	12.666
160	12.897	12.796	12.767
161	12.983	12.882	12.853
162	13.055	12.983	12.940
163	13.127	13.055	13.041
164	13.185	13.156	13.127
165	13.228	13.243	13.214
166	13.271	13.286	13.286
167	13.329	13.343	13.315
168	13.401	13.387	13.372
169	13.459	13.430	13.430
170	13.531	13.459	13.488
171	13.574	13.516	13.531
172	13.632	13.560	13.574
173	13.675	13.588	13.574
174	13.718	13.632	13.603
175	13.747	13.675	13.646
176	13.776	13.718	13.675
177	13.833	13.732	13.718
178	13.862	13.776	13.761
179	13.877	13.790	13.790
180	13.805	13.805	13.805

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	225.35	N.A.	9.80
0-30	481.53	N.A.	20.90
0-40	795.37	N.A.	34.60
0-60	1444.38	N.A.	62.80
0-80	1928.27	N.A.	83.80
0-90	2079.32	N.A.	90.40
10-90	2021.23	N.A.	87.90
20-40	570.02	N.A.	24.80
20-50	903.42	N.A.	39.30
40-70	920.13	N.A.	40.00
60-80	483.89	N.A.	21.00
70-80	212.78	N.A.	9.20
80-90	151.05	N.A.	6.60
90-110	149.82	N.A.	6.50
90-120	177.65	N.A.	7.70
90-130	193.10	N.A.	8.40
90-150	210.14	N.A.	9.10
90-180	221.13	N.A.	9.60
110-180	71.32	N.A.	3.10
0-180	2300.45	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	58.09
10-20	167.25
20-30	256.18
30-40	313.84
40-50	333.40
50-60	315.61
60-70	271.12
70-80	212.78
80-90	151.05
90-100	95.99
100-110	53.83
110-120	27.83
120-130	15.45
130-140	9.53
140-150	7.51
150-160	5.89
160-170	3.79
170-180	1.31

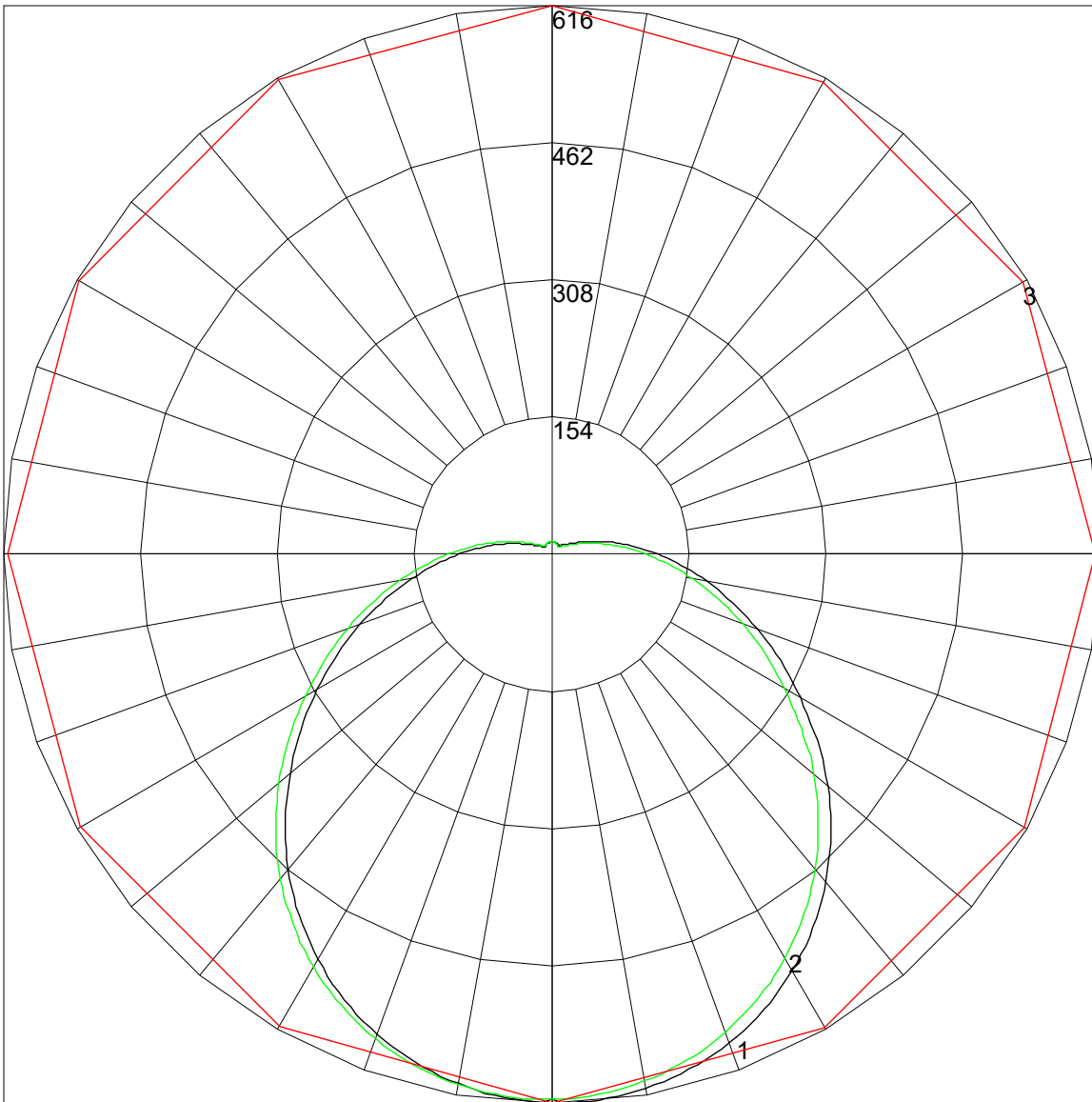
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	89	100	95	90	86	89	85	82	83	80	77	78	76	73	71
2	94	85	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	41	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	37	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

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POLAR GRAPH



Maximum Candela = 616.189 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.)