



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LFL24H40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11994851.01P8
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 10/17/2017
 [LUMCAT] LFL24H40
 [LUMINAIRE] 2x4 White formed steel housing, frosted plastic lens enclosure
 [LAMP] 512 white LEDs
 [BALLAST] One Osram OTi 85/120-277/2A3 DIM-1 L driver
 [OTHER] 25.2 C, 119.97 V, 0.2902 A, 75.202 W, 0.99714 PF, 59.9981 H
 [OTHER] This test was performed using the calibrated photodetector method of absolute photometry.
 [MANUFAC] LAMAR LIGHTING CO., INC.
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] Indoor
 [_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7972
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	75.202
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.83 ft
Luminous Width (90-270)	3.83 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4036	4004	3979
55	3810	3770	3741
65	3493	3456	3423
75	2959	2934	2908
85	1878	1936	1980

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3003.953	3003.953	3003.953	3003.953	3003.953
0.5	3003.953	3003.953	3003.953	3006.034	3006.034
1.0	3003.953	3001.873	3003.953	3003.953	3006.034
1.5	3001.873	3001.873	3003.953	3003.953	3006.034
2.0	2999.793	3001.873	3001.873	3001.873	3003.953
2.5	2999.793	2999.793	2999.793	3001.873	3001.873
3.0	2997.712	2997.712	2997.712	2999.793	2999.793
3.5	2995.632	2995.632	2995.632	2995.632	2997.712
4.0	2991.472	2993.552	2993.552	2993.552	2995.632
4.5	2989.391	2989.391	2991.472	2991.472	2991.472
5.0	2985.231	2985.231	2987.311	2987.311	2989.391
5.5	2983.150	2983.150	2983.150	2983.150	2985.231
6.0	2978.990	2978.990	2978.990	2978.990	2981.070
6.5	2974.829	2974.829	2974.829	2974.829	2974.829
7.0	2970.669	2968.588	2970.669	2970.669	2970.669
7.5	2964.428	2964.428	2964.428	2964.428	2964.428
8.0	2958.187	2958.187	2960.267	2958.187	2960.267
8.5	2954.026	2954.026	2954.026	2951.946	2954.026
9.0	2947.785	2947.785	2947.785	2945.705	2947.785
9.5	2941.544	2941.544	2941.544	2939.464	2941.544
10.0	2935.303	2933.223	2933.223	2933.223	2933.223
10.5	2926.982	2926.982	2926.982	2926.982	2926.982
11.0	2920.741	2918.661	2918.661	2918.661	2918.661
11.5	2912.420	2912.420	2910.340	2910.340	2910.340
12.0	2904.099	2904.099	2902.019	2902.019	2902.019
12.5	2895.778	2895.778	2893.697	2893.697	2893.697
13.0	2887.457	2887.457	2885.376	2885.376	2885.376
13.5	2879.135	2877.055	2874.975	2874.975	2874.975
14.0	2868.734	2868.734	2866.654	2864.573	2866.654
14.5	2860.413	2858.332	2856.252	2856.252	2856.252
15.0	2850.011	2847.931	2847.931	2845.851	2845.851
15.5	2839.610	2837.529	2837.529	2835.449	2835.449
16.0	2829.208	2827.128	2825.048	2822.967	2822.967
16.5	2818.807	2816.726	2814.646	2812.566	2812.566
17.0	2806.325	2806.325	2804.245	2800.084	2800.084
17.5	2795.923	2793.843	2791.763	2789.682	2787.602
18.0	2783.442	2781.361	2779.281	2777.201	2777.201
18.5	2770.960	2770.960	2768.879	2764.719	2762.639
19.0	2758.478	2758.478	2756.398	2752.237	2750.157
19.5	2745.996	2745.996	2743.916	2737.675	2737.675
20.0	2733.514	2731.434	2729.354	2725.193	2725.193
20.5	2718.952	2718.952	2716.872	2710.631	2710.631
21.0	2706.470	2704.390	2702.310	2698.149	2696.069
21.5	2691.908	2691.908	2687.748	2683.587	2683.587
22.0	2679.427	2677.346	2673.186	2669.025	2669.025
22.5	2664.864	2662.784	2658.624	2654.463	2654.463
23.0	2650.302	2648.222	2644.061	2639.901	2637.821
23.5	2635.740	2633.660	2629.499	2625.339	2623.258
24.0	2621.178	2619.098	2614.937	2610.777	2608.696
24.5	2606.616	2604.536	2600.375	2594.134	2592.054
25.0	2589.974	2587.893	2583.733	2577.492	2577.492
25.5	2575.412	2573.331	2569.171	2562.930	2560.849
26.0	2560.849	2556.689	2552.528	2546.287	2546.287
26.5	2544.207	2542.127	2537.966	2531.725	2529.645

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CANDELA TABULATION - (Cont.)

27.0	2527.565	2527.565	2521.324	2515.083	2513.003
27.5	2513.003	2510.922	2506.762	2498.440	2496.360
28.0	2496.360	2494.280	2490.119	2481.798	2479.718
28.5	2479.718	2477.637	2473.477	2465.156	2463.075
29.0	2460.995	2460.995	2456.834	2448.513	2446.433
29.5	2444.353	2444.353	2440.192	2431.871	2429.791
30.0	2427.710	2427.710	2421.469	2415.228	2413.148
30.5	2411.068	2411.068	2404.827	2396.506	2394.425
31.0	2394.425	2394.425	2388.185	2379.863	2377.783
31.5	2377.783	2377.783	2371.542	2363.221	2361.141
32.0	2361.141	2359.060	2352.819	2344.498	2342.418
32.5	2344.498	2342.418	2334.097	2327.856	2325.776
33.0	2325.776	2325.776	2317.454	2309.133	2307.053
33.5	2309.133	2307.053	2298.732	2290.410	2290.410
34.0	2292.491	2288.330	2282.089	2273.768	2271.688
34.5	2275.848	2271.688	2263.367	2255.045	2252.965
35.0	2259.206	2252.965	2246.724	2236.323	2234.242
35.5	2240.483	2234.242	2228.001	2217.600	2215.520
36.0	2221.760	2217.600	2209.279	2200.957	2196.797
36.5	2205.118	2198.877	2190.556	2180.154	2178.074
37.0	2186.395	2180.154	2171.833	2161.432	2161.432
37.5	2165.592	2161.432	2153.111	2142.709	2140.629
38.0	2146.870	2142.709	2134.388	2123.986	2121.906
38.5	2128.147	2123.986	2115.665	2103.183	2101.103
39.0	2109.424	2103.183	2094.862	2084.461	2082.380
39.5	2088.621	2084.461	2076.556	2064.698	2062.618
40.0	2068.026	2064.906	2055.961	2044.727	2042.855
40.5	2047.847	2044.935	2035.574	2024.548	2022.884
41.0	2026.836	2025.172	2015.395	2004.369	2002.705
41.5	2006.449	2004.993	1995.008	1984.398	1982.526
42.0	1986.479	1984.606	1974.829	1964.011	1962.139
42.5	1966.092	1964.427	1954.234	1943.416	1941.544
43.0	1945.705	1943.624	1933.639	1922.821	1920.949
43.5	1925.526	1922.613	1912.628	1902.018	1900.354
44.0	1905.347	1901.602	1891.825	1881.215	1879.551
44.5	1884.960	1880.383	1870.398	1860.412	1858.956
45.0	1864.573	1859.372	1849.595	1839.401	1838.153
45.5	1844.186	1838.153	1828.584	1818.598	1816.310
46.0	1823.383	1816.934	1807.989	1797.171	1795.091
46.5	1802.580	1795.507	1786.562	1775.952	1773.248
47.0	1781.569	1774.080	1765.135	1754.317	1752.029
47.5	1760.142	1752.653	1743.916	1732.474	1730.602
48.0	1738.715	1731.018	1722.280	1711.047	1708.967
48.5	1717.288	1709.591	1700.437	1689.204	1687.123
49.0	1694.820	1687.747	1679.010	1667.152	1664.864
49.5	1672.353	1666.320	1657.375	1645.309	1642.605
50.0	1650.302	1644.477	1635.532	1623.258	1620.970
50.5	1628.043	1622.634	1613.897	1602.039	1599.959
51.0	1605.576	1601.623	1592.054	1579.988	1577.908
51.5	1583.524	1579.572	1569.794	1557.937	1556.064
52.0	1560.849	1557.521	1546.911	1535.886	1534.013
52.5	1538.382	1535.261	1524.860	1513.834	1512.378
53.0	1515.915	1513.210	1502.393	1491.783	1489.911
53.5	1493.655	1490.951	1480.134	1469.732	1467.860
54.0	1471.812	1468.068	1457.874	1447.473	1445.809
54.5	1449.969	1445.393	1435.407	1425.422	1423.757

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55.0	1427.918	1422.717	1412.940	1402.954	1401.914
55.5	1405.659	1400.250	1390.265	1380.695	1379.447
56.0	1383.608	1377.575	1368.005	1358.436	1356.980
56.5	1361.556	1354.899	1345.538	1336.177	1334.304
57.0	1339.089	1332.016	1323.279	1313.501	1311.837
57.5	1316.830	1309.549	1301.020	1290.826	1289.370
58.0	1294.571	1286.874	1278.552	1267.943	1266.279
58.5	1272.104	1263.782	1255.877	1245.268	1243.603
59.0	1248.388	1240.899	1232.786	1222.176	1220.928
59.5	1224.465	1218.224	1209.695	1199.501	1198.253
60.0	1200.749	1195.548	1186.811	1176.410	1175.578
60.5	1177.034	1172.665	1163.928	1153.318	1152.278
61.0	1153.110	1149.574	1141.045	1130.227	1129.187
61.5	1129.395	1126.483	1118.161	1107.136	1106.304
62.0	1105.888	1103.599	1094.654	1084.044	1083.628
62.5	1082.380	1080.300	1071.147	1060.745	1060.745
63.0	1058.873	1056.584	1047.847	1038.070	1037.654
63.5	1034.325	1033.077	1024.132	1015.186	1014.562
64.0	1010.610	1009.570	1000.832	991.887	991.471
64.5	987.102	986.062	977.533	969.004	968.380
65.0	964.427	962.555	954.234	945.912	945.080
65.5	941.544	939.047	930.934	922.821	922.197
66.0	918.869	915.540	907.635	899.730	899.522
66.5	896.401	892.033	884.128	876.846	876.638
67.0	873.726	868.733	861.244	853.963	853.547
67.5	850.635	845.434	838.153	831.080	830.456
68.0	827.335	821.927	815.478	808.405	807.781
68.5	804.036	798.835	792.802	785.313	784.689
69.0	781.153	775.952	769.919	762.222	762.014
69.5	758.269	753.069	746.828	739.547	739.339
70.0	734.762	729.977	723.736	716.663	716.871
70.5	710.631	707.094	700.853	693.572	693.988
71.0	686.707	684.003	677.970	670.897	670.897
71.5	662.992	661.119	655.295	648.430	648.013
72.0	639.068	638.028	632.411	625.546	625.338
72.5	615.561	615.145	609.320	602.663	603.079
73.0	592.261	592.261	586.437	580.196	580.612
73.5	568.754	569.586	563.761	557.728	557.936
74.0	545.663	546.911	541.086	535.469	535.885
74.5	522.779	524.028	518.411	513.626	513.834
75.0	500.312	501.560	496.152	491.575	491.783
75.5	478.053	478.885	474.516	469.732	469.940
76.0	456.210	456.418	452.673	448.097	448.305
76.5	434.367	434.575	430.830	426.670	426.878
77.0	412.732	412.524	408.987	405.450	405.659
77.5	391.721	390.888	387.768	384.647	384.647
78.0	370.293	369.253	366.757	363.636	363.844
78.5	348.866	347.826	346.370	343.250	343.458
79.0	328.063	327.023	326.191	323.071	322.863
79.5	307.468	306.220	305.388	303.308	303.516
80.0	287.497	286.041	285.833	283.545	283.753
80.5	267.319	266.278	266.486	264.198	264.822
81.0	247.764	247.140	247.556	245.475	246.100
81.5	228.209	228.417	228.833	227.169	227.793
82.0	209.278	210.110	210.734	209.278	210.110
82.5	190.764	191.804	192.844	191.804	192.636

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CANDELA TABULATION - (Cont.)

83.0	172.665	174.537	175.161	175.161	175.993
83.5	155.606	157.479	158.311	158.519	159.559
84.0	138.964	141.044	141.876	142.501	143.333
84.5	122.322	125.234	125.858	126.898	127.938
85.0	106.927	109.424	110.256	111.920	112.752
85.5	91.949	94.654	95.278	97.358	98.398
86.0	77.595	80.092	80.924	83.004	84.460
86.5	63.865	65.946	66.986	69.274	70.730
87.0	51.175	52.632	53.880	56.168	57.624
87.5	39.318	40.358	41.398	43.478	44.934
88.0	28.500	29.124	29.956	32.037	33.493
88.5	18.931	19.139	19.971	21.635	22.883
89.0	10.818	10.818	11.858	13.106	14.354
89.5	5.201	4.993	5.825	6.865	7.697
90.0	2.288	2.288	2.912	3.120	3.537
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LFL24H40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1085.86	N.A.	13.60
0-30	2276.1	N.A.	28.50
0-40	3680.49	N.A.	46.20
0-60	6370.47	N.A.	79.90
0-80	7841.41	N.A.	98.40
0-90	7972.28	N.A.	100.00
10-90	7688.85	N.A.	96.40
20-40	2594.63	N.A.	32.50
20-50	4021.31	N.A.	50.40
40-70	3634.68	N.A.	45.60
60-80	1470.94	N.A.	18.50
70-80	526.24	N.A.	6.60
80-90	130.87	N.A.	1.60
90-110	0.08	N.A.	0.00
90-120	0.08	N.A.	0.00
90-130	0.08	N.A.	0.00
90-150	0.08	N.A.	0.00
90-180	0.08	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	7972.36	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	283.44
10-20	802.42
20-30	1190.25
30-40	1404.39
40-50	1426.68
50-60	1263.3
60-70	944.70
70-80	526.24
80-90	130.87
90-100	0.08
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

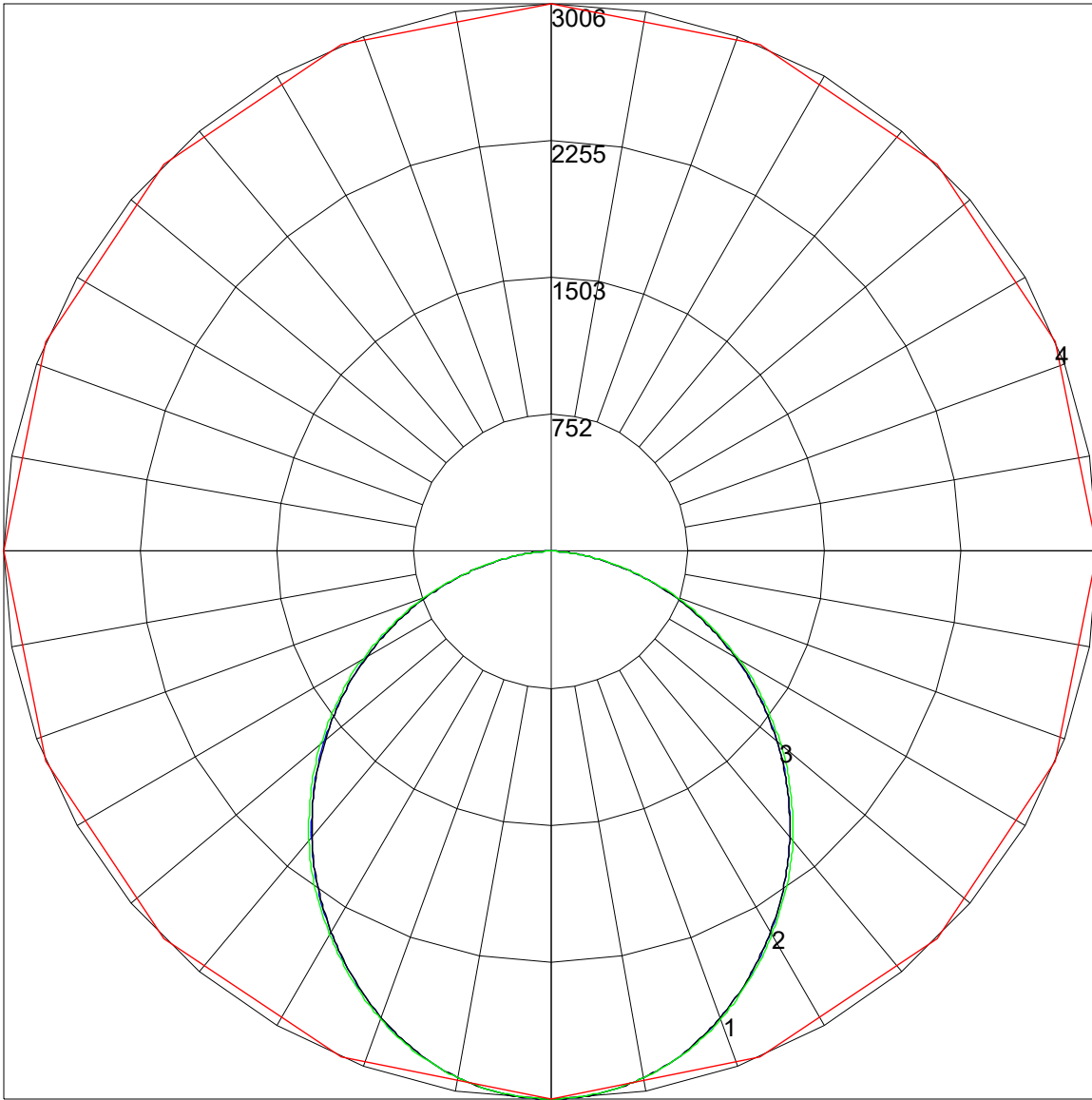
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	91	80	72	66	88	78	71	65	75	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	62	55	67	60	54	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	71	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 3006.034 Located At Horizontal Angle = 67.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (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 (.5) (Through Max. Cd.)