



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN FROM 14853501.01
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 2023-07-25
 [TESTDATE] 6/19/2023
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] LRX2-8-L10-940-DMA-DIM-UNV
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS
 [LAMP] LED
 [BALLAST] 0-10V DIMMING DRIVER
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE
 [_SEARCH_MOUNTING] RECESSED

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6928
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	72.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	8.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20229	17449	15916
55	18032	15334	14037
65	15897	13517	12443
75	13112	11507	10724
85	9891	9229	8892

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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	3069.533	3069.533	3069.533	3069.533	3069.533
0.5	3123.649	3072.050	3054.430	3061.981	3046.879
1.0	3123.649	3070.791	3054.430	3061.981	3045.621
1.5	3122.391	3070.791	3053.172	3060.723	3044.362
2.0	3121.132	3068.274	3050.655	3059.464	3040.587
2.5	3119.873	3065.757	3049.396	3055.689	3038.070
3.0	3117.356	3063.240	3045.621	3053.172	3033.036
3.5	3114.839	3060.723	3041.845	3048.138	3028.001
4.0	3112.322	3058.206	3038.070	3044.362	3024.226
4.5	3109.805	3054.430	3034.294	3039.328	3017.933
5.0	3107.288	3050.655	3028.001	3033.036	3011.641
5.5	3102.254	3045.621	3022.967	3025.484	3002.831
6.0	3098.479	3040.587	3016.675	3019.192	2995.280
6.5	3094.703	3036.811	3010.382	3010.382	2986.470
7.0	3089.669	3030.518	3004.090	3001.572	2977.661
7.5	3084.635	3025.484	2996.538	2992.763	2967.592
8.0	3079.601	3017.933	2988.987	2982.695	2958.783
8.5	3073.308	3011.641	2980.178	2972.627	2947.456
9.0	3067.016	3005.348	2971.368	2961.300	2936.129
9.5	3060.723	2997.797	2961.300	2948.715	2923.544
10.0	3054.430	2990.246	2951.232	2937.388	2912.218
10.5	3046.879	2982.695	2941.163	2924.803	2897.115
11.0	3039.328	2973.885	2929.837	2912.218	2883.272
11.5	3030.518	2965.075	2918.510	2898.374	2869.428
12.0	3021.709	2955.007	2905.925	2884.530	2854.326
12.5	3014.158	2944.939	2893.340	2869.428	2837.965
13.0	3004.090	2934.871	2880.754	2854.326	2822.863
13.5	2994.021	2923.544	2866.911	2837.965	2806.502
14.0	2985.212	2912.218	2854.326	2822.863	2790.141
14.5	2973.885	2900.891	2839.223	2806.502	2772.522
15.0	2963.817	2889.564	2825.380	2788.882	2756.161
15.5	2952.490	2876.979	2809.019	2771.263	2737.283
16.0	2943.681	2865.652	2793.917	2753.644	2718.405
16.5	2934.871	2853.067	2777.556	2734.766	2699.527
17.0	2923.544	2840.482	2761.195	2715.888	2680.650
17.5	2907.183	2827.897	2744.834	2697.010	2660.513
18.0	2892.081	2816.570	2728.473	2676.874	2639.118
18.5	2876.979	2801.468	2710.854	2656.738	2617.724
19.0	2864.394	2785.107	2693.235	2635.343	2596.329
19.5	2850.550	2768.746	2675.616	2613.948	2573.675
20.0	2836.706	2752.385	2656.738	2593.812	2549.763
20.5	2821.604	2736.025	2639.118	2572.417	2527.110
21.0	2806.502	2720.922	2620.241	2549.763	2503.198
21.5	2791.399	2704.562	2601.363	2528.369	2480.545
22.0	2775.039	2686.942	2581.226	2505.715	2456.633
22.5	2759.936	2670.581	2562.349	2481.803	2433.980
23.0	2742.317	2652.962	2544.729	2459.150	2411.326
23.5	2725.956	2634.084	2524.593	2436.497	2387.414
24.0	2708.337	2616.465	2501.940	2413.843	2364.761
24.5	2690.718	2597.587	2480.545	2391.190	2340.849
25.0	2673.099	2579.968	2457.891	2367.278	2316.937
25.5	2655.479	2559.832	2436.497	2344.625	2293.025
26.0	2636.601	2540.954	2413.843	2320.713	2270.372
26.5	2618.982	2520.817	2392.448	2298.059	2247.718

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CANDELA TABULATION - (Cont.)

27.0	2598.846	2501.940	2369.795	2275.406	2223.807
27.5	2579.968	2480.545	2348.400	2252.753	2198.636
28.0	2561.090	2460.408	2325.747	2230.099	2175.983
28.5	2542.212	2440.272	2303.093	2206.187	2153.329
29.0	2522.076	2418.877	2281.699	2182.275	2130.676
29.5	2500.681	2397.482	2259.045	2158.363	2108.023
30.0	2480.545	2376.088	2236.392	2135.710	2084.111
30.5	2459.150	2355.951	2214.997	2113.057	2060.199
31.0	2437.755	2334.556	2192.344	2089.145	2036.287
31.5	2415.102	2311.903	2168.432	2065.233	2013.634
32.0	2393.707	2290.508	2145.778	2041.321	1989.722
32.5	2371.053	2267.855	2123.125	2017.409	1965.810
33.0	2349.659	2245.201	2099.213	1993.497	1941.898
33.5	2327.005	2222.548	2076.560	1970.844	1917.986
34.0	2304.352	2199.895	2053.906	1946.932	1894.074
34.5	2282.957	2175.983	2028.736	1923.020	1870.162
35.0	2260.304	2153.329	2006.082	1897.850	1846.250
35.5	2237.650	2129.417	1982.171	1873.938	1823.597
36.0	2213.738	2106.764	1959.517	1851.284	1799.685
36.5	2191.085	2082.852	1935.605	1827.372	1777.032
37.0	2168.432	2058.940	1911.693	1802.202	1753.120
37.5	2144.520	2035.028	1887.781	1779.549	1731.725
38.0	2121.866	2011.116	1863.870	1755.637	1707.813
38.5	2097.954	1987.205	1841.216	1732.983	1685.160
39.0	2074.043	1963.293	1816.046	1709.071	1662.506
39.5	2050.131	1939.381	1792.134	1686.418	1639.853
40.0	2024.960	1915.469	1768.222	1662.506	1617.199
40.5	1999.790	1891.557	1744.310	1641.111	1595.805
41.0	1975.878	1867.645	1720.398	1618.458	1571.893
41.5	1950.707	1842.475	1696.486	1595.805	1549.239
42.0	1925.537	1818.563	1673.833	1571.893	1527.844
42.5	1901.625	1793.392	1649.921	1549.239	1505.191
43.0	1876.455	1769.480	1627.268	1527.844	1483.796
43.5	1851.284	1744.310	1602.097	1506.450	1462.401
44.0	1826.114	1720.398	1579.444	1483.796	1441.007
44.5	1800.943	1696.486	1555.532	1461.143	1419.612
45.0	1777.032	1671.316	1532.879	1439.748	1398.217
45.5	1751.861	1647.404	1510.225	1418.353	1376.822
46.0	1726.691	1623.492	1487.572	1396.958	1356.686
46.5	1702.779	1598.322	1463.660	1375.563	1335.291
47.0	1677.608	1574.410	1441.007	1354.169	1315.154
47.5	1653.697	1550.498	1419.612	1331.515	1295.018
48.0	1628.526	1526.586	1396.958	1311.379	1273.623
48.5	1603.356	1502.674	1375.563	1289.984	1254.242
49.0	1579.444	1477.504	1351.652	1269.848	1233.980
49.5	1554.273	1453.592	1330.257	1248.327	1213.718
50.0	1530.361	1430.938	1307.603	1227.310	1193.455
50.5	1505.191	1407.026	1286.208	1207.425	1174.200
51.0	1481.279	1383.115	1263.555	1187.918	1155.071
51.5	1456.109	1359.203	1242.286	1168.033	1134.179
52.0	1432.197	1336.549	1220.136	1147.519	1114.546
52.5	1407.026	1312.637	1198.238	1127.006	1095.668
53.0	1383.115	1289.984	1176.591	1106.743	1075.532
53.5	1357.944	1267.331	1155.952	1087.740	1057.283
54.0	1334.032	1243.545	1135.060	1068.988	1038.028
54.5	1310.120	1220.262	1113.791	1049.732	1019.150

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CANDELA TABULATION - (Cont.)

55.0	1284.950	1197.483	1092.648	1029.848	1000.272
55.5	1261.038	1174.955	1072.134	1009.711	981.017
56.0	1237.000	1152.553	1052.124	990.330	962.769
56.5	1213.466	1130.404	1031.735	972.082	944.646
57.0	1189.806	1108.002	1011.599	954.085	927.278
57.5	1166.649	1086.104	992.092	935.081	909.281
58.0	1143.618	1064.583	972.207	915.700	890.781
58.5	1121.342	1043.062	951.945	896.696	872.784
59.0	1098.563	1022.171	931.809	878.322	855.920
59.5	1076.161	1001.279	912.176	860.325	838.553
60.0	1053.634	980.640	893.298	842.831	820.682
60.5	1031.735	960.000	874.672	825.212	803.188
61.0	1009.963	939.234	855.794	807.215	786.324
61.5	988.065	918.469	836.161	789.093	768.956
62.0	966.167	898.332	817.032	771.222	751.589
62.5	944.394	878.448	798.909	753.980	734.725
63.0	922.496	858.185	781.542	737.116	718.238
63.5	900.472	838.049	764.174	721.258	701.751
64.0	878.573	817.787	746.303	705.401	685.265
64.5	856.675	797.651	727.803	688.285	669.156
65.0	834.651	777.766	709.680	670.414	653.298
65.5	812.753	757.755	692.564	654.305	637.693
66.0	790.980	737.745	675.826	639.832	622.716
66.5	769.082	717.860	658.836	624.982	607.488
67.0	747.310	698.227	641.091	608.872	591.882
67.5	725.663	678.720	623.220	591.505	576.025
68.0	704.017	658.962	605.349	573.634	559.790
68.5	682.622	639.329	587.603	557.021	543.681
69.0	661.479	619.696	570.739	541.542	528.075
69.5	640.335	600.566	554.127	526.188	512.344
70.0	619.318	581.437	536.507	509.323	495.731
70.5	598.678	562.181	518.511	491.201	479.245
71.0	577.913	542.926	500.765	473.833	463.010
71.5	557.525	523.922	483.398	458.227	447.278
72.0	537.263	505.548	466.785	443.754	432.050
72.5	517.252	487.425	450.802	428.778	417.451
73.0	497.619	469.428	434.567	412.795	402.601
73.5	478.112	451.306	417.829	396.812	387.247
74.0	458.983	433.435	401.091	381.458	372.648
74.5	440.105	415.941	385.233	366.985	358.930
75.0	421.605	398.951	370.005	352.763	344.835
75.5	403.356	382.087	355.029	338.416	330.362
76.0	385.359	365.349	339.675	324.195	316.644
76.5	367.614	348.484	324.447	309.596	303.178
77.0	349.995	331.998	309.093	295.249	289.208
77.5	332.753	315.763	294.494	281.154	274.987
78.0	315.511	299.654	280.273	267.436	261.521
78.5	298.521	283.796	266.051	253.844	248.684
79.0	282.035	268.317	251.830	240.503	235.973
79.5	265.674	253.089	237.860	227.415	223.387
80.0	249.691	238.112	224.268	214.326	210.676
80.5	233.833	223.387	210.802	201.363	197.714
81.0	218.479	208.914	197.210	188.652	185.003
81.5	203.503	194.819	184.122	176.319	172.921
82.0	188.778	181.227	171.662	164.489	161.342
82.5	174.431	167.887	159.329	153.036	150.142

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CANDELA TABULATION - (Cont.)

83.0	160.336	154.672	147.247	141.458	139.192
83.5	146.492	141.584	135.039	130.005	128.243
84.0	133.026	128.998	122.832	118.679	117.042
84.5	119.937	116.665	111.002	107.604	106.219
85.0	107.100	104.583	99.927	96.906	96.277
85.5	94.515	92.627	89.103	86.838	86.964
86.0	82.307	80.797	78.532	77.525	77.525
86.5	70.477	69.470	67.960	67.708	67.960
87.0	58.899	58.521	57.640	57.640	58.018
87.5	47.824	47.446	47.572	48.201	48.453
88.0	37.126	37.378	38.511	39.392	39.769
88.5	27.184	28.065	30.205	30.456	30.708
89.0	18.374	19.759	21.017	19.004	18.878
89.5	12.711	13.089	9.816	9.313	10.320
90.0	0.000	0.000	0.000	0.000	0.000
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L10-940-DMA-DIM-UNV_.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L10-940-DMA-DIM-UNV_.IES

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 : LRX2-8-L10-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1086.85	N.A.	15.70
0-30	2225.09	N.A.	32.10
0-40	3492.32	N.A.	50.40
0-60	5694.15	N.A.	82.20
0-80	6813.67	N.A.	98.30
0-90	6928.35	N.A.	100.00
10-90	6640.38	N.A.	95.80
20-40	2405.48	N.A.	34.70
20-50	3607.99	N.A.	52.10
40-70	2921.25	N.A.	42.20
60-80	1119.53	N.A.	16.20
70-80	400.10	N.A.	5.80
80-90	114.67	N.A.	1.70
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6928.35	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	287.97
10-20	798.88
20-30	1138.24
30-40	1267.24
40-50	1202.52
50-60	999.31
60-70	719.43
70-80	400.10
80-90	114.67
90-100	0.00
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
PHOTOMETRIC FILENAME : LRX2-8-L10-940-DMA-DIM-UNV_.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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2-8-L10-940-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	21.8	23.4	22.2	23.7	24.0	20.7	22.2	21.0	22.5	22.8
	3H	23.5	25.0	23.9	25.3	25.6	22.3	23.7	22.7	24.1	24.4
	4H	24.1	25.5	24.5	25.8	26.2	22.9	24.3	23.3	24.6	25.0
	6H	24.6	25.8	25.0	26.2	26.6	23.4	24.6	23.8	25.0	25.4
	8H	24.7	25.9	25.2	26.3	26.7	23.5	24.7	24.0	25.1	25.5
	12H	24.8	26.0	25.3	26.3	26.8	23.6	24.8	24.1	25.2	25.6

UGR Viewed Endwise

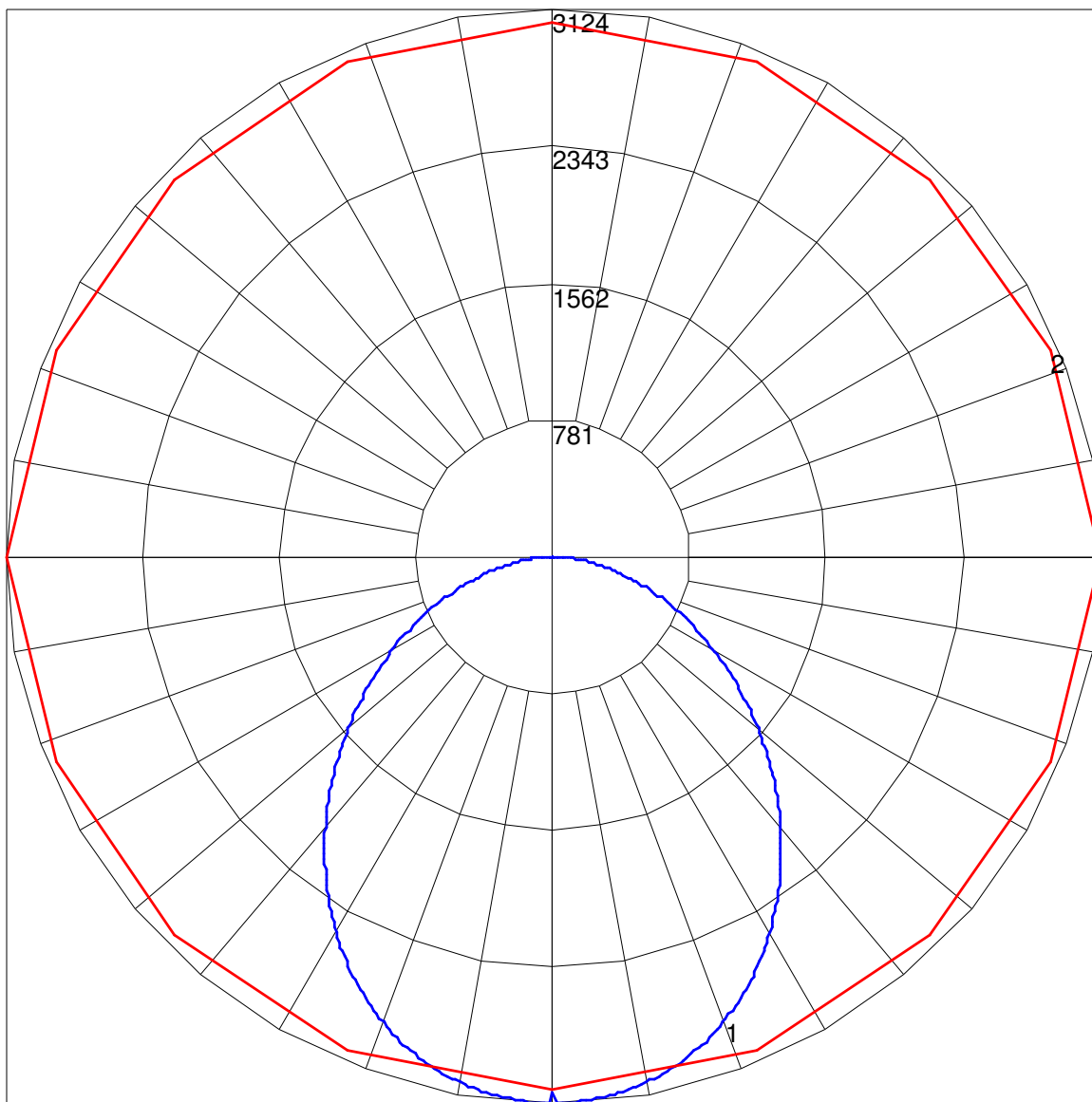
4H	2H	22.3	23.6	22.7	23.9	24.3	21.3	22.6	21.7	23.0	23.4
	3H	24.2	25.3	24.6	25.7	26.1	23.2	24.3	23.6	24.7	25.1
	4H	25.0	26.0	25.4	26.4	26.8	23.9	24.9	24.4	25.4	25.8
	6H	25.5	26.4	26.0	26.9	27.3	24.5	25.4	25.0	25.8	26.3
	8H	25.7	26.5	26.2	27.0	27.5	24.7	25.5	25.2	26.0	26.4
	12H	25.9	26.6	26.4	27.1	27.6	24.9	25.6	25.4	26.1	26.5

8H	4H	25.2	26.0	25.6	26.4	26.9	24.3	25.1	24.7	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.1	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.2	25.8	25.7	26.4	26.8
	12H	26.4	26.9	26.9	27.4	27.9	25.5	26.0	26.0	26.5	27.1

12H	4H	25.2	25.9	25.7	26.4	26.9	24.3	25.0	24.8	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.0	25.7	25.6	26.1	26.7
	8H	26.2	26.8	26.7	27.3	27.8	25.4	25.9	25.9	26.4	27.0

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 3123.649 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)