



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-935-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-L10-935-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	6687
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
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	19523	16841	15361
55	17403	14799	13548
65	15342	13045	12009
75	12655	11106	10350
85	9546	8907	8581

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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	2962.456	2962.456	2962.456	2962.456	2962.456
0.5	3014.684	2964.885	2947.880	2955.168	2940.593
1.0	3014.684	2963.670	2947.880	2955.168	2939.378
1.5	3013.470	2963.670	2946.666	2953.954	2938.163
2.0	3012.255	2961.241	2944.237	2952.739	2934.520
2.5	3011.041	2958.812	2943.022	2949.095	2932.090
3.0	3008.611	2956.383	2939.378	2946.666	2927.232
3.5	3006.182	2953.954	2935.734	2941.807	2922.373
4.0	3003.753	2951.524	2932.090	2938.163	2918.730
4.5	3001.324	2947.880	2928.447	2933.305	2912.656
5.0	2998.894	2944.237	2922.373	2927.232	2906.583
5.5	2994.036	2939.378	2917.515	2919.944	2898.081
6.0	2990.392	2934.520	2911.442	2913.871	2890.793
6.5	2986.748	2930.876	2905.369	2905.369	2882.291
7.0	2981.890	2924.803	2899.296	2896.866	2873.789
7.5	2977.031	2919.944	2892.008	2888.364	2864.072
8.0	2972.173	2912.656	2884.720	2878.647	2855.569
8.5	2966.100	2906.583	2876.218	2868.930	2844.638
9.0	2960.027	2900.510	2867.716	2857.999	2833.706
9.5	2953.954	2893.223	2857.999	2845.852	2821.560
10.0	2947.880	2885.935	2848.282	2834.921	2810.628
10.5	2940.593	2878.647	2838.565	2822.775	2796.053
11.0	2933.305	2870.145	2827.633	2810.628	2782.692
11.5	2924.803	2861.642	2816.702	2797.268	2769.331
12.0	2916.300	2851.926	2804.555	2783.907	2754.756
12.5	2909.013	2842.209	2792.409	2769.331	2738.966
13.0	2899.296	2832.492	2780.263	2754.756	2724.391
13.5	2889.579	2821.560	2766.902	2738.966	2708.600
14.0	2881.076	2810.628	2754.756	2724.391	2692.810
14.5	2870.145	2799.697	2740.181	2708.600	2675.806
15.0	2860.428	2788.765	2726.820	2691.596	2660.016
15.5	2849.496	2776.619	2711.030	2674.591	2641.796
16.0	2840.994	2765.688	2696.454	2657.586	2623.577
16.5	2832.492	2753.541	2680.664	2639.367	2605.358
17.0	2821.560	2741.395	2664.874	2621.148	2587.139
17.5	2805.770	2729.249	2649.084	2602.929	2567.705
18.0	2791.195	2718.317	2633.294	2583.495	2547.056
18.5	2776.619	2703.742	2616.289	2564.061	2526.408
19.0	2764.473	2687.952	2599.285	2543.412	2505.759
19.5	2751.112	2672.162	2582.280	2522.764	2483.896
20.0	2737.751	2656.372	2564.061	2503.330	2460.818
20.5	2723.176	2640.582	2547.056	2482.681	2438.955
21.0	2708.600	2626.006	2528.837	2460.818	2415.877
21.5	2694.025	2610.216	2510.618	2440.170	2394.014
22.0	2678.235	2593.212	2491.184	2418.307	2370.936
22.5	2663.660	2577.422	2472.964	2395.229	2349.073
23.0	2646.655	2560.417	2455.960	2373.366	2327.210
23.5	2630.865	2542.198	2436.526	2351.502	2304.132
24.0	2613.860	2525.193	2414.663	2329.639	2282.269
24.5	2596.856	2506.974	2394.014	2307.776	2259.191
25.0	2579.851	2489.969	2372.151	2284.698	2236.114
25.5	2562.846	2470.535	2351.502	2262.835	2213.036
26.0	2544.627	2452.316	2329.639	2239.758	2191.173
26.5	2527.622	2432.882	2308.991	2217.894	2169.310

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CANDELA TABULATION - (Cont.)

27.0	2508.188	2414.663	2287.128	2196.031	2146.232
27.5	2489.969	2394.014	2266.479	2174.168	2121.939
28.0	2471.750	2374.580	2244.616	2152.305	2100.076
28.5	2453.530	2355.146	2222.753	2129.227	2078.213
29.0	2434.097	2334.498	2202.104	2106.149	2056.350
29.5	2413.448	2313.849	2180.241	2083.072	2034.487
30.0	2394.014	2293.201	2158.378	2061.209	2011.409
30.5	2373.366	2273.767	2137.730	2039.345	1988.331
31.0	2352.717	2253.118	2115.866	2016.268	1965.254
31.5	2330.854	2231.255	2092.789	1993.190	1943.390
32.0	2310.205	2210.607	2070.925	1970.112	1920.313
32.5	2288.342	2188.744	2049.062	1947.034	1897.235
33.0	2267.694	2166.880	2025.985	1923.957	1874.157
33.5	2245.831	2145.017	2004.121	1902.093	1851.079
34.0	2223.967	2123.154	1982.258	1879.016	1828.002
34.5	2203.319	2100.076	1957.966	1855.938	1804.924
35.0	2181.456	2078.213	1936.103	1831.646	1781.846
35.5	2159.593	2055.135	1913.025	1808.568	1759.983
36.0	2136.515	2033.272	1891.162	1786.705	1736.905
36.5	2114.652	2010.195	1868.084	1763.627	1715.042
37.0	2092.789	1987.117	1845.006	1739.334	1691.964
37.5	2069.711	1964.039	1821.929	1717.471	1671.316
38.0	2047.848	1940.961	1798.851	1694.394	1648.238
38.5	2024.770	1917.883	1776.988	1672.530	1626.375
39.0	2001.692	1894.806	1752.695	1649.453	1604.512
39.5	1978.614	1871.728	1729.618	1627.590	1582.649
40.0	1954.322	1848.650	1706.540	1604.512	1560.785
40.5	1930.030	1825.572	1683.462	1583.863	1540.137
41.0	1906.952	1802.495	1660.384	1562.000	1517.059
41.5	1882.660	1778.202	1637.306	1540.137	1495.196
42.0	1858.367	1755.125	1615.443	1517.059	1474.548
42.5	1835.289	1730.832	1592.366	1495.196	1452.684
43.0	1810.997	1707.754	1570.502	1474.548	1432.036
43.5	1786.705	1683.462	1546.210	1453.899	1411.387
44.0	1762.412	1660.384	1524.347	1432.036	1390.739
44.5	1738.120	1637.306	1501.269	1410.173	1370.090
45.0	1715.042	1613.014	1479.406	1389.524	1349.442
45.5	1690.750	1589.936	1457.543	1368.876	1328.793
46.0	1666.457	1566.859	1435.680	1348.227	1309.359
46.5	1643.380	1542.566	1412.602	1327.579	1288.711
47.0	1619.087	1519.488	1390.739	1306.930	1269.277
47.5	1596.009	1496.411	1370.090	1285.067	1249.843
48.0	1571.717	1473.333	1348.227	1265.633	1229.194
48.5	1547.425	1450.255	1327.579	1244.985	1210.489
49.0	1524.347	1425.963	1304.501	1225.551	1190.934
49.5	1500.055	1402.885	1283.852	1204.781	1171.379
50.0	1476.977	1381.022	1261.989	1184.496	1151.823
50.5	1452.684	1357.944	1241.341	1165.306	1133.240
51.0	1429.607	1334.866	1219.478	1146.479	1114.777
51.5	1405.314	1311.789	1198.950	1127.288	1094.615
52.0	1382.236	1289.925	1177.573	1107.490	1075.667
52.5	1357.944	1266.848	1156.439	1087.691	1057.447
53.0	1334.866	1244.985	1135.547	1068.136	1038.013
53.5	1310.574	1223.121	1115.628	1049.795	1020.401
54.0	1287.496	1200.165	1095.465	1031.697	1001.818
54.5	1264.418	1177.695	1074.938	1013.114	983.598

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55.0	1240.126	1155.710	1054.532	993.923	965.379
55.5	1217.048	1133.968	1034.734	974.489	946.796
56.0	1193.849	1112.348	1015.422	955.784	929.184
56.5	1171.136	1090.971	995.745	938.172	911.693
57.0	1148.301	1069.351	976.311	920.803	894.931
57.5	1125.952	1048.216	957.484	902.462	877.562
58.0	1103.724	1027.446	938.293	883.757	859.707
58.5	1082.226	1006.676	918.738	865.416	842.338
59.0	1060.241	986.514	899.304	847.683	826.062
59.5	1038.621	966.351	880.356	830.314	809.301
60.0	1016.879	946.431	862.137	813.430	792.053
60.5	995.745	926.511	844.160	796.426	775.170
61.0	974.732	906.470	825.941	779.057	758.894
61.5	953.597	886.429	806.993	761.566	742.132
62.0	932.463	866.995	788.531	744.319	725.370
62.5	911.450	847.804	771.040	727.678	709.095
63.0	890.316	828.249	754.278	711.402	693.183
63.5	869.060	808.815	737.517	696.098	677.272
64.0	847.926	789.259	720.269	680.794	661.360
64.5	826.791	769.826	702.414	664.275	645.813
65.0	805.535	750.635	684.924	647.028	630.509
65.5	784.401	731.322	668.405	631.480	615.447
66.0	763.388	712.010	652.250	617.512	600.994
66.5	742.254	692.819	635.853	603.180	586.297
67.0	721.241	673.871	618.727	587.633	571.235
67.5	700.349	655.044	601.479	570.871	555.931
68.0	679.458	635.975	584.232	553.623	540.263
68.5	658.809	617.026	567.106	537.590	524.715
69.0	638.404	598.078	550.830	522.651	509.654
69.5	617.998	579.616	534.797	507.832	494.471
70.0	597.714	561.154	517.792	491.556	478.438
70.5	577.794	542.570	500.423	474.066	462.527
71.0	557.753	523.987	483.297	457.304	446.858
71.5	538.076	505.646	466.535	442.243	431.676
72.0	518.521	487.912	450.502	428.275	416.979
72.5	499.208	470.422	435.077	413.821	402.889
73.0	480.260	453.053	419.408	398.395	388.557
73.5	461.434	435.562	403.254	382.969	373.738
74.0	442.972	418.315	387.099	368.151	359.649
74.5	424.752	401.432	371.795	354.183	346.409
75.0	406.897	385.034	357.098	340.458	332.806
75.5	389.285	368.758	342.644	326.611	318.837
76.0	371.916	352.604	327.826	312.886	305.598
76.5	354.790	336.328	313.129	298.796	292.602
77.0	337.786	320.417	298.310	284.950	279.119
77.5	321.145	304.748	284.221	271.346	265.394
78.0	304.505	289.201	270.496	258.107	252.398
78.5	288.108	273.897	256.770	244.989	240.009
79.0	272.196	258.957	243.045	232.114	227.741
79.5	256.406	244.260	229.563	219.482	215.595
80.0	240.980	229.806	216.445	206.850	203.327
80.5	225.676	215.595	203.449	194.339	190.817
81.0	210.858	201.627	190.331	182.071	178.549
81.5	196.404	188.023	177.699	170.168	166.889
82.0	182.193	174.905	165.674	158.751	155.714
82.5	168.346	162.030	153.771	147.698	144.904

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CANDELA TABULATION - (Cont.)

83.0	154.742	149.277	142.110	136.523	134.337
83.5	141.382	136.645	130.329	125.470	123.770
84.0	128.385	124.498	118.547	114.539	112.960
84.5	115.753	112.595	107.129	103.850	102.514
85.0	103.364	100.935	96.441	93.526	92.918
85.5	91.218	89.396	85.995	83.809	83.930
86.0	79.436	77.979	75.792	74.821	74.821
86.5	68.019	67.047	65.589	65.347	65.589
87.0	56.844	56.480	55.630	55.630	55.994
87.5	46.156	45.791	45.913	46.520	46.763
88.0	35.831	36.074	37.167	38.018	38.382
88.5	26.236	27.086	29.151	29.394	29.637
89.0	17.733	19.070	20.284	18.341	18.219
89.5	12.268	12.632	9.474	8.988	9.960
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-L10-935-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-L10-935-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-L10-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1048.93	N.A.	15.70
0-30	2147.47	N.A.	32.10
0-40	3370.5	N.A.	50.40
0-60	5495.52	N.A.	82.20
0-80	6575.99	N.A.	98.30
0-90	6686.66	N.A.	100.00
10-90	6408.74	N.A.	95.80
20-40	2321.56	N.A.	34.70
20-50	3482.13	N.A.	52.10
40-70	2819.35	N.A.	42.20
60-80	1080.47	N.A.	16.20
70-80	386.14	N.A.	5.80
80-90	110.67	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	6686.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	277.93
10-20	771.01
20-30	1098.53
30-40	1223.03
40-50	1160.57
50-60	964.45
60-70	694.33
70-80	386.14
80-90	110.67
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-L10-935-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-L10-935-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	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.4	22.7
	3H	23.4	24.8	23.8	25.2	25.5	22.2	23.6	22.6	24.0	24.3
	4H	24.0	25.4	24.4	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.6	25.8	25.1	26.2	26.6	23.4	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.2	26.7	23.5	24.7	24.0	25.1	25.5

UGR Viewed Endwise

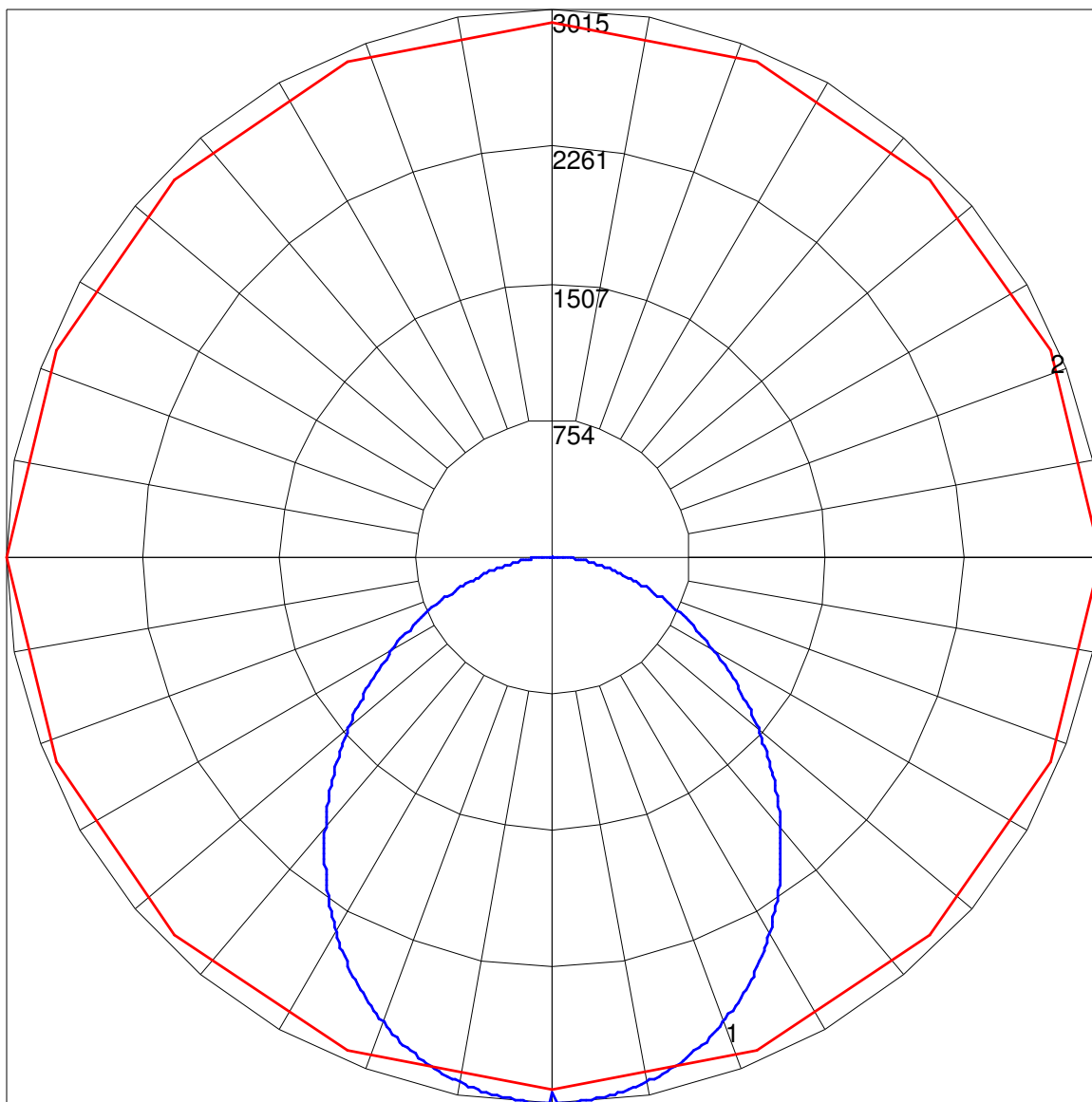
4H	2H	22.2	23.5	22.6	23.8	24.2	21.2	22.5	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.8	24.8	24.3	25.3	25.7
	6H	25.4	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.7	26.2
	8H	25.6	26.4	26.1	26.9	27.4	24.6	25.4	25.1	25.9	26.3
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.4

8H	4H	25.1	25.9	25.5	26.3	26.8	24.2	25.0	24.6	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.5	25.4	26.0	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.1	25.7	25.6	26.3	26.7
	12H	26.3	26.8	26.8	27.3	27.8	25.4	25.9	25.9	26.4	27.0

12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	24.9	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 3014.684 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.)