



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-935-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 14853501.01  
[TESTLAB] UL Verification Services Inc.  
[ISSUE DATE] 2023-07-25  
[TEST DATE] 6/19/2023  
[MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
[LUMCAT] LRX2-8-L8-935-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	5312
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	55.2
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	15510	13379	12204
55	13826	11757	10763
65	12189	10364	9540
75	10053	8823	8223
85	7584	7076	6817

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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	2353.491	2353.491	2353.491	2353.491	2353.491
0.5	2394.984	2355.421	2341.912	2347.702	2336.122
1.0	2394.984	2354.456	2341.912	2347.702	2335.157
1.5	2394.019	2354.456	2340.947	2346.737	2334.192
2.0	2393.054	2352.526	2339.017	2345.772	2331.298
2.5	2392.089	2350.596	2338.052	2342.877	2329.368
3.0	2390.159	2348.666	2335.157	2340.947	2325.508
3.5	2388.229	2346.737	2332.262	2337.087	2321.648
4.0	2386.299	2344.807	2329.368	2334.192	2318.753
4.5	2384.369	2341.912	2326.473	2330.333	2313.929
5.0	2382.439	2339.017	2321.648	2325.508	2309.104
5.5	2378.580	2335.157	2317.788	2319.718	2302.349
6.0	2375.685	2331.298	2312.964	2314.894	2296.560
6.5	2372.790	2328.403	2308.139	2308.139	2289.805
7.0	2368.930	2323.578	2303.314	2301.384	2283.050
7.5	2365.070	2319.718	2297.525	2294.630	2275.331
8.0	2361.211	2313.929	2291.735	2286.910	2268.576
8.5	2356.386	2309.104	2284.980	2279.191	2259.892
9.0	2351.561	2304.279	2278.226	2270.506	2251.207
9.5	2346.737	2298.490	2270.506	2260.857	2241.558
10.0	2341.912	2292.700	2262.787	2252.172	2232.874
10.5	2336.122	2286.910	2255.067	2242.523	2221.294
11.0	2330.333	2280.156	2246.383	2232.874	2210.680
11.5	2323.578	2273.401	2237.698	2222.259	2200.066
12.0	2316.823	2265.682	2228.049	2211.645	2188.486
12.5	2311.034	2257.962	2218.399	2200.066	2175.942
13.0	2303.314	2250.242	2208.750	2188.486	2164.363
13.5	2295.595	2241.558	2198.136	2175.942	2151.818
14.0	2288.840	2232.874	2188.486	2164.363	2139.274
14.5	2280.156	2224.189	2176.907	2151.818	2125.765
15.0	2272.436	2215.505	2166.293	2138.309	2113.221
15.5	2263.752	2205.855	2153.748	2124.800	2098.747
16.0	2256.997	2197.171	2142.169	2111.291	2084.273
16.5	2250.242	2187.521	2129.625	2096.817	2069.798
17.0	2241.558	2177.872	2117.081	2082.343	2055.324
17.5	2229.014	2168.222	2104.536	2067.869	2039.885
18.0	2217.434	2159.538	2091.992	2052.430	2023.481
18.5	2205.855	2147.959	2078.483	2036.991	2007.077
19.0	2196.206	2135.414	2064.974	2020.587	1990.673
19.5	2185.591	2122.870	2051.465	2004.183	1973.304
20.0	2174.977	2110.326	2036.991	1988.743	1954.971
20.5	2163.398	2097.782	2023.481	1972.339	1937.602
21.0	2151.818	2086.202	2009.007	1954.971	1919.268
21.5	2140.239	2073.658	1994.533	1938.567	1901.899
22.0	2127.695	2060.149	1979.094	1921.198	1883.565
22.5	2116.116	2047.605	1964.620	1902.864	1866.196
23.0	2102.606	2034.096	1951.111	1885.495	1848.827
23.5	2090.062	2019.622	1935.672	1868.126	1830.493
24.0	2076.553	2006.112	1918.303	1850.757	1813.124
24.5	2063.044	1991.638	1901.899	1833.388	1794.790
25.0	2049.535	1978.129	1884.530	1815.054	1776.456
25.5	2036.026	1962.690	1868.126	1797.685	1758.123
26.0	2021.551	1948.216	1850.757	1779.351	1740.754
26.5	2008.042	1932.777	1834.353	1761.982	1723.385

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**CANDELA TABULATION - (Cont.)**

27.0	1992.603	1918.303	1816.984	1744.613	1705.051
27.5	1978.129	1901.899	1800.580	1727.244	1685.752
28.0	1963.655	1886.460	1783.211	1709.875	1668.383
28.5	1949.181	1871.021	1765.842	1691.542	1651.014
29.0	1933.742	1854.617	1749.438	1673.208	1633.645
29.5	1917.338	1838.213	1732.069	1654.874	1616.276
30.0	1901.899	1821.809	1714.700	1637.505	1597.942
30.5	1885.495	1806.370	1698.296	1620.136	1579.608
31.0	1869.091	1789.966	1680.927	1601.802	1561.275
31.5	1851.722	1772.597	1662.593	1583.468	1543.906
32.0	1835.318	1756.193	1645.224	1565.134	1525.572
32.5	1817.949	1738.824	1627.856	1546.800	1507.238
33.0	1801.545	1721.455	1609.522	1528.467	1488.904
33.5	1784.176	1704.086	1592.153	1511.098	1470.570
34.0	1766.807	1686.717	1574.784	1492.764	1452.236
34.5	1750.403	1668.383	1555.485	1474.430	1433.902
35.0	1733.034	1651.014	1538.116	1455.131	1415.568
35.5	1715.665	1632.680	1519.782	1436.797	1398.200
36.0	1697.331	1615.311	1502.413	1419.428	1379.866
36.5	1679.962	1596.977	1484.079	1401.094	1362.497
37.0	1662.593	1578.644	1465.745	1381.796	1344.163
37.5	1644.260	1560.310	1447.412	1364.427	1327.759
38.0	1626.891	1541.976	1429.078	1346.093	1309.425
38.5	1608.557	1523.642	1411.709	1328.724	1292.056
39.0	1590.223	1505.308	1392.410	1310.390	1274.687
39.5	1571.889	1486.974	1374.076	1293.021	1257.318
40.0	1552.590	1468.640	1355.742	1274.687	1239.949
40.5	1533.291	1450.306	1337.408	1258.283	1223.545
41.0	1514.957	1431.972	1319.074	1240.914	1205.211
41.5	1495.659	1412.674	1300.741	1223.545	1187.842
42.0	1476.360	1394.340	1283.372	1205.211	1171.438
42.5	1458.026	1375.041	1265.038	1187.842	1154.069
43.0	1438.727	1356.707	1247.669	1171.438	1137.665
43.5	1419.428	1337.408	1228.370	1155.034	1121.261
44.0	1400.129	1319.074	1211.001	1137.665	1104.857
44.5	1380.831	1300.741	1192.667	1120.297	1088.453
45.0	1362.497	1281.442	1175.298	1103.893	1072.049
45.5	1343.198	1263.108	1157.929	1087.489	1055.645
46.0	1323.899	1244.774	1140.560	1071.085	1040.206
46.5	1305.565	1225.475	1122.226	1054.681	1023.802
47.0	1286.266	1207.141	1104.857	1038.277	1008.363
47.5	1267.933	1188.807	1088.453	1020.908	992.924
48.0	1248.634	1170.473	1071.085	1005.469	976.520
48.5	1229.335	1152.140	1054.681	989.065	961.660
49.0	1211.001	1132.841	1036.347	973.625	946.125
49.5	1191.702	1114.507	1019.943	957.125	930.589
50.0	1173.368	1097.138	1002.574	941.010	915.054
50.5	1154.069	1078.804	986.170	925.764	900.290
51.0	1135.736	1060.470	968.801	910.808	885.623
51.5	1116.437	1042.136	952.493	895.562	869.605
52.0	1098.103	1024.767	935.510	879.833	854.552
52.5	1078.804	1006.433	918.720	864.105	840.078
53.0	1060.470	989.065	902.123	848.569	824.639
53.5	1041.171	971.696	886.298	833.999	810.647
54.0	1022.837	953.458	870.280	819.621	795.883
54.5	1004.504	935.607	853.973	804.857	781.409

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**CANDELA TABULATION - (Cont.)**

55.0	985.205	918.141	837.762	789.611	766.935
55.5	966.871	900.869	822.033	774.172	752.172
56.0	948.441	883.693	806.691	759.312	738.180
56.5	930.396	866.710	791.059	745.320	724.285
57.0	912.255	849.534	775.620	731.522	710.969
57.5	894.500	832.744	760.663	716.951	697.170
58.0	876.842	816.244	745.417	702.091	682.985
58.5	859.762	799.743	729.881	687.520	669.187
59.0	842.297	783.725	714.442	673.432	656.256
59.5	825.121	767.707	699.389	659.634	642.940
60.0	807.849	751.882	684.915	646.221	629.238
60.5	791.059	736.057	670.634	632.712	615.825
61.0	774.365	720.135	656.160	618.913	602.895
61.5	757.575	704.214	641.107	605.018	589.579
62.0	740.785	688.775	626.440	591.316	576.263
62.5	724.092	673.529	612.545	578.096	563.333
63.0	707.302	657.993	599.228	565.166	550.692
63.5	690.415	642.554	585.912	553.008	538.051
64.0	673.625	627.019	572.210	540.849	525.410
64.5	656.835	611.580	558.025	527.726	513.059
65.0	639.949	596.334	544.130	514.024	500.901
65.5	623.159	580.991	531.007	501.673	488.936
66.0	606.465	565.648	518.173	490.576	477.453
66.5	589.675	550.402	505.147	479.190	465.777
67.0	572.982	535.349	491.541	466.838	453.812
67.5	556.385	520.393	477.839	453.522	441.654
68.0	539.788	505.243	464.137	439.820	429.206
68.5	523.384	490.190	450.531	427.083	416.855
69.0	507.173	475.137	437.601	415.214	404.889
69.5	490.962	460.470	424.864	403.442	392.827
70.0	474.847	445.803	411.354	390.512	380.090
70.5	459.022	431.039	397.556	376.616	367.450
71.0	443.101	416.276	383.950	363.300	355.002
71.5	427.469	401.705	370.634	351.335	342.940
72.0	411.933	387.617	357.897	340.238	331.264
72.5	396.591	373.722	345.642	328.755	320.071
73.0	381.538	359.923	333.194	316.501	308.685
73.5	366.581	346.028	320.360	304.246	296.912
74.0	351.914	332.326	307.527	292.474	285.719
74.5	337.440	318.913	295.368	281.377	275.201
75.0	323.255	305.886	283.693	270.473	264.394
75.5	309.264	292.956	272.210	259.473	253.297
76.0	295.465	280.122	260.438	248.569	242.779
76.5	281.859	267.192	248.762	237.375	232.454
77.0	268.350	254.551	236.990	226.375	221.743
77.5	255.130	242.104	225.796	215.568	210.840
78.0	241.911	229.752	214.892	205.050	200.515
78.5	228.884	217.594	203.989	194.629	190.672
79.0	216.243	205.725	193.085	184.400	180.926
79.5	203.699	194.050	182.374	174.365	171.277
80.0	191.444	182.567	171.952	164.329	161.531
80.5	179.286	171.277	161.628	154.391	151.592
81.0	167.514	160.180	151.206	144.645	141.846
81.5	156.031	149.373	141.171	135.188	132.583
82.0	144.741	138.952	131.618	126.118	123.705
82.5	133.741	128.723	122.162	117.337	115.117

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**CANDELA TABULATION - (Cont.)**

83.0	122.933	118.591	112.898	108.459	106.722
83.5	112.319	108.556	103.538	99.678	98.327
84.0	101.994	98.906	94.178	90.994	89.740
84.5	91.959	89.450	85.108	82.502	81.441
85.0	82.116	80.187	76.616	74.300	73.818
85.5	72.467	71.020	68.318	66.581	66.677
86.0	63.107	61.949	60.212	59.440	59.440
86.5	54.037	53.265	52.107	51.914	52.107
87.0	45.159	44.870	44.194	44.194	44.484
87.5	36.668	36.378	36.475	36.957	37.150
88.0	28.466	28.659	29.527	30.203	30.492
88.5	20.843	21.518	23.159	23.352	23.545
89.0	14.088	15.150	16.115	14.571	14.474
89.5	9.746	10.035	7.527	7.141	7.913
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-L8-935-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-L8-935-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-L8-935-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	833.31	N.A.	15.70
0-30	1706.03	N.A.	32.10
0-40	2677.65	N.A.	50.40
0-60	4365.85	N.A.	82.20
0-80	5224.22	N.A.	98.30
0-90	5312.15	N.A.	100.00
10-90	5091.35	N.A.	95.80
20-40	1844.34	N.A.	34.70
20-50	2766.34	N.A.	52.10
40-70	2239.8	N.A.	42.20
60-80	858.37	N.A.	16.20
70-80	306.77	N.A.	5.80
80-90	87.92	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	5312.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	220.79
10-20	612.52
20-30	872.72
30-40	971.62
40-50	922.00
50-60	766.20
60-70	551.60
70-80	306.77
80-90	87.92
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-L8-935-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-L8-935-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

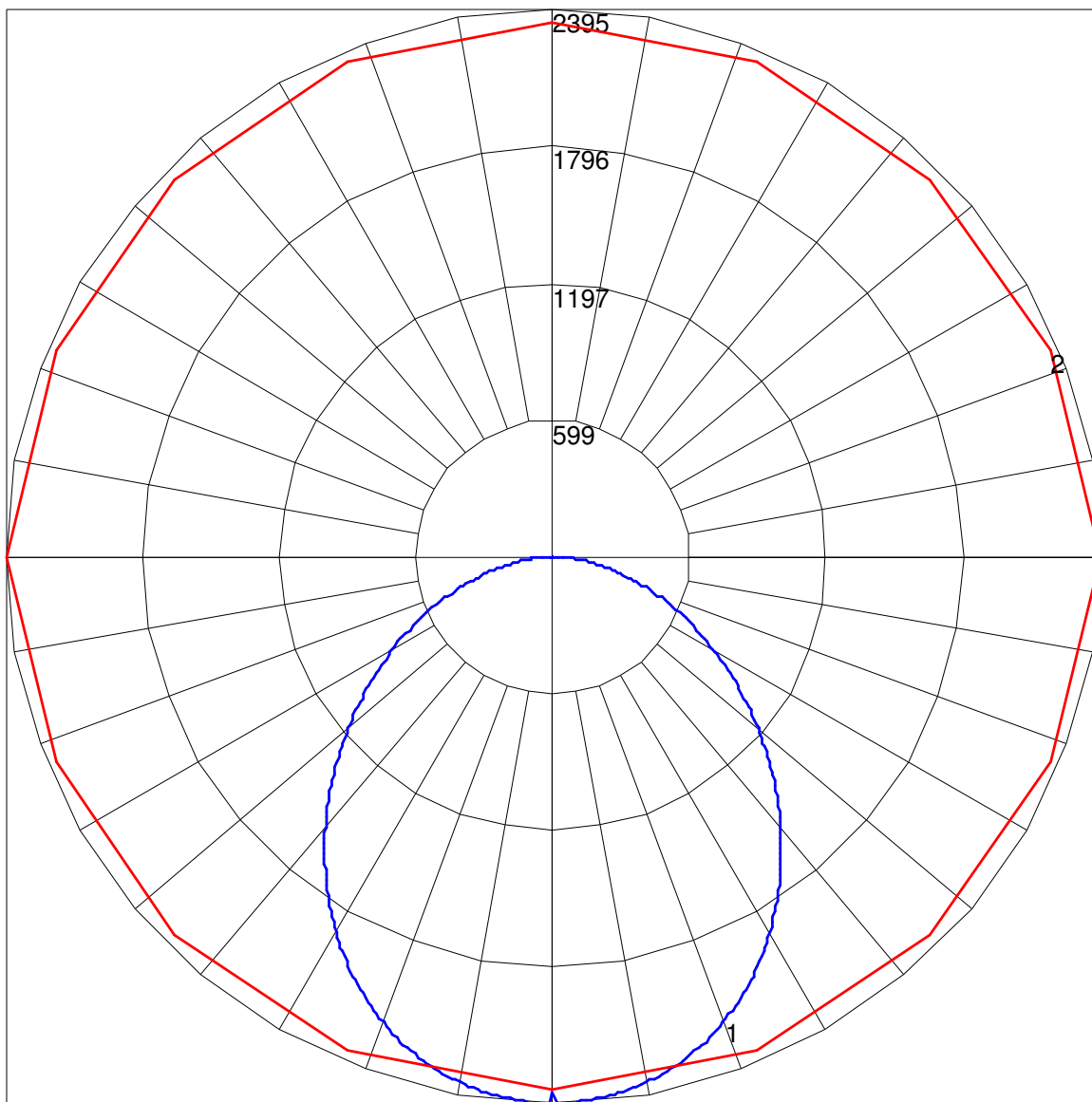
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	20.9	22.5	21.3	22.8	23.1	19.8	21.3	20.1	21.6	21.9
	3H	22.6	24.1	23.0	24.4	24.7	21.4	22.8	21.8	23.2	23.5
	4H	23.2	24.6	23.6	24.9	25.3	22.0	23.4	22.4	23.7	24.1
	6H	23.7	24.9	24.1	25.3	25.7	22.5	23.7	22.9	24.1	24.5
	8H	23.8	25.0	24.3	25.4	25.8	22.6	23.8	23.1	24.2	24.6
	12H	23.9	25.1	24.4	25.4	25.9	22.7	23.9	23.2	24.3	24.7
4H	2H	21.4	22.7	21.8	23.0	23.4	20.4	21.7	20.8	22.1	22.5
	3H	23.3	24.4	23.7	24.8	25.2	22.3	23.4	22.7	23.8	24.2
	4H	24.1	25.1	24.5	25.5	25.9	23.0	24.0	23.5	24.5	24.9
	6H	24.6	25.5	25.1	26.0	26.4	23.6	24.5	24.1	24.9	25.4
	8H	24.8	25.6	25.3	26.1	26.6	23.8	24.6	24.3	25.1	25.5
	12H	25.0	25.7	25.5	26.2	26.7	24.0	24.7	24.5	25.2	25.6
8H	4H	24.3	25.1	24.7	25.5	26.0	23.4	24.2	23.8	24.6	25.1
	6H	25.0	25.6	25.5	26.1	26.6	24.1	24.7	24.6	25.2	25.7
	8H	25.2	25.8	25.7	26.3	26.8	24.3	24.9	24.8	25.5	25.9
	12H	25.5	26.0	26.0	26.5	27.0	24.6	25.1	25.1	25.6	26.2
12H	4H	24.3	25.0	24.8	25.5	26.0	23.4	24.1	23.9	24.6	25.1
	6H	25.0	25.6	25.5	26.1	26.6	24.1	24.8	24.7	25.2	25.8
	8H	25.3	25.9	25.8	26.4	26.9	24.5	25.0	25.0	25.5	26.1

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 2394.984 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.)