



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L8-835-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] LRX2-6-L8-835-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	4800
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	41.4
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)	6.00 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	18687	16119	14703
55	16658	14165	12967
65	14685	12486	11494
75	12112	10630	9907
85	9137	8525	8214

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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	2126.648	2126.648	2126.648	2126.648	2126.648
0.5	2164.142	2128.392	2116.185	2121.417	2110.954
1.0	2164.142	2127.520	2116.185	2121.417	2110.082
1.5	2163.270	2127.520	2115.313	2120.545	2109.210
2.0	2162.398	2125.777	2113.569	2119.673	2106.594
2.5	2161.526	2124.033	2112.698	2117.057	2104.850
3.0	2159.782	2122.289	2110.082	2115.313	2101.362
3.5	2158.038	2120.545	2107.466	2111.826	2097.875
4.0	2156.294	2118.801	2104.850	2109.210	2095.259
4.5	2154.550	2116.185	2102.234	2105.722	2090.899
5.0	2152.807	2113.569	2097.875	2101.362	2086.539
5.5	2149.319	2110.082	2094.387	2096.131	2080.436
6.0	2146.703	2106.594	2090.027	2091.771	2075.204
6.5	2144.087	2103.978	2085.668	2085.668	2069.101
7.0	2140.599	2099.618	2081.308	2079.564	2062.997
7.5	2137.112	2096.131	2076.076	2073.460	2056.022
8.0	2133.624	2090.899	2070.845	2066.485	2049.918
8.5	2129.264	2086.539	2064.741	2059.510	2042.071
9.0	2124.905	2082.180	2058.638	2051.662	2034.223
9.5	2120.545	2076.948	2051.662	2042.943	2025.504
10.0	2116.185	2071.717	2044.687	2035.095	2017.657
10.5	2110.954	2066.485	2037.711	2026.376	2007.193
11.0	2105.722	2060.381	2029.864	2017.657	1997.602
11.5	2099.618	2054.278	2022.016	2008.065	1988.011
12.0	2093.515	2047.302	2013.297	1998.474	1977.548
12.5	2088.283	2040.327	2004.578	1988.011	1966.213
13.0	2081.308	2033.351	1995.858	1977.548	1955.749
13.5	2074.332	2025.504	1986.267	1966.213	1944.414
14.0	2068.229	2017.657	1977.548	1955.749	1933.079
14.5	2060.381	2009.809	1967.084	1944.414	1920.872
15.0	2053.406	2001.962	1957.493	1932.207	1909.537
15.5	2045.559	1993.242	1946.158	1920.000	1896.458
16.0	2039.455	1985.395	1935.695	1907.793	1883.379
16.5	2033.351	1976.676	1924.360	1894.714	1870.300
17.0	2025.504	1967.956	1913.024	1881.635	1857.221
17.5	2014.169	1959.237	1901.689	1868.556	1843.270
18.0	2003.706	1951.390	1890.354	1854.605	1828.447
18.5	1993.242	1940.926	1878.147	1840.654	1813.624
19.0	1984.523	1929.591	1865.940	1825.831	1798.801
19.5	1974.932	1918.256	1853.733	1811.008	1783.106
20.0	1965.341	1906.921	1840.654	1797.057	1766.539
20.5	1954.877	1895.586	1828.447	1782.234	1750.845
21.0	1944.414	1885.123	1815.368	1766.539	1734.278
21.5	1933.951	1873.787	1802.289	1751.717	1718.583
22.0	1922.616	1861.580	1788.338	1736.022	1702.016
22.5	1912.153	1850.245	1775.259	1719.455	1686.322
23.0	1899.945	1838.038	1763.052	1703.760	1670.627
23.5	1888.610	1824.959	1749.101	1688.065	1654.060
24.0	1876.403	1812.752	1733.406	1672.371	1638.365
24.5	1864.196	1799.673	1718.583	1656.676	1621.798
25.0	1851.989	1787.466	1702.888	1640.109	1605.232
25.5	1839.782	1773.515	1688.065	1624.414	1588.665
26.0	1826.703	1760.436	1672.371	1607.847	1572.970
26.5	1814.496	1746.485	1657.548	1592.153	1557.275

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**CANDELA TABULATION - (Cont.)**

27.0	1800.545	1733.406	1641.853	1576.458	1540.708
27.5	1787.466	1718.583	1627.030	1560.763	1523.270
28.0	1774.387	1704.632	1611.335	1545.068	1507.575
28.5	1761.308	1690.681	1595.640	1528.501	1491.880
29.0	1747.357	1675.858	1580.817	1511.935	1476.185
29.5	1732.534	1661.035	1565.123	1495.368	1460.490
30.0	1718.583	1646.213	1549.428	1479.673	1443.924
30.5	1703.760	1632.262	1534.605	1463.978	1427.357
31.0	1688.937	1617.439	1518.910	1447.411	1410.790
31.5	1673.242	1601.744	1502.343	1430.845	1395.095
32.0	1658.420	1586.921	1486.648	1414.278	1378.529
32.5	1642.725	1571.226	1470.954	1397.711	1361.962
33.0	1627.902	1555.531	1454.387	1381.144	1345.395
33.5	1612.207	1539.836	1438.692	1365.450	1328.828
34.0	1596.512	1524.142	1422.997	1348.883	1312.262
34.5	1581.689	1507.575	1405.559	1332.316	1295.695
35.0	1565.995	1491.880	1389.864	1314.877	1279.128
35.5	1550.300	1475.313	1373.297	1298.311	1263.433
36.0	1533.733	1459.619	1357.602	1282.616	1246.866
36.5	1518.038	1443.052	1341.035	1266.049	1231.172
37.0	1502.343	1426.485	1324.469	1248.610	1214.605
37.5	1485.777	1409.918	1307.902	1232.916	1199.782
38.0	1470.082	1393.351	1291.335	1216.349	1183.215
38.5	1453.515	1376.785	1275.640	1200.654	1167.520
39.0	1436.948	1360.218	1258.202	1184.087	1151.826
39.5	1420.381	1343.651	1241.635	1168.392	1136.131
40.0	1402.943	1327.084	1225.068	1151.826	1120.436
40.5	1385.504	1310.518	1208.501	1137.003	1105.613
41.0	1368.937	1293.951	1191.935	1121.308	1089.046
41.5	1351.499	1276.512	1175.368	1105.613	1073.351
42.0	1334.060	1259.945	1159.673	1089.046	1058.529
42.5	1317.493	1242.507	1143.106	1073.351	1042.834
43.0	1300.054	1225.940	1127.411	1058.529	1028.011
43.5	1282.616	1208.501	1109.973	1043.706	1013.188
44.0	1265.177	1191.935	1094.278	1028.011	998.365
44.5	1247.738	1175.368	1077.711	1012.316	983.542
45.0	1231.172	1157.929	1062.016	997.493	968.719
45.5	1213.733	1141.362	1046.322	982.670	953.896
46.0	1196.294	1124.796	1030.627	967.847	939.945
46.5	1179.728	1107.357	1014.060	953.025	925.123
47.0	1162.289	1090.790	998.365	938.202	911.172
47.5	1145.722	1074.223	983.542	922.507	897.221
48.0	1128.283	1057.657	967.847	908.556	882.398
48.5	1110.845	1041.090	953.025	893.733	868.970
49.0	1094.278	1023.651	936.458	879.782	854.932
49.5	1076.839	1007.084	921.635	864.872	840.894
50.0	1060.272	991.390	905.940	850.311	826.856
50.5	1042.834	974.823	891.117	836.534	813.515
51.0	1026.267	958.256	875.422	823.019	800.262
51.5	1008.828	941.689	860.687	809.242	785.787
52.0	992.262	925.995	845.341	795.030	772.185
52.5	974.823	909.428	830.169	780.817	759.106
53.0	958.256	893.733	815.172	766.779	745.155
53.5	940.817	878.038	800.872	753.613	732.512
54.0	924.251	861.559	786.398	740.621	719.172
54.5	907.684	845.428	771.662	727.281	706.093

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**PHOTOMETRIC FILENAME : LRX2-6-L8-835-DMA-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	890.245	829.646	757.014	713.504	693.014
55.5	873.678	814.038	742.801	699.553	679.673
56.0	857.025	798.518	728.937	686.125	667.030
56.5	840.719	783.172	714.812	673.482	654.474
57.0	824.327	767.651	700.861	661.014	642.441
57.5	808.283	752.480	687.346	647.847	629.973
58.0	792.327	737.569	673.569	634.420	617.155
58.5	776.894	722.659	659.531	621.253	604.687
59.0	761.112	708.185	645.580	608.523	593.003
59.5	745.591	693.711	631.978	596.054	580.970
60.0	729.984	679.411	618.899	583.935	568.589
60.5	714.812	665.112	605.995	571.728	556.469
61.0	699.728	650.725	592.916	559.259	544.785
61.5	684.556	636.338	579.313	546.703	532.752
62.0	669.384	622.387	566.060	534.322	520.719
62.5	654.300	608.610	553.504	522.376	509.035
63.0	639.128	594.572	541.471	510.692	497.613
63.5	623.869	580.621	529.439	499.706	486.191
64.0	608.698	566.583	517.057	488.719	474.768
64.5	593.526	552.632	504.240	476.861	463.608
65.0	578.267	538.856	491.684	464.480	452.621
65.5	563.095	524.992	479.826	453.319	441.809
66.0	548.011	511.128	468.229	443.292	431.433
66.5	532.839	497.351	456.458	433.003	420.883
67.0	517.755	483.749	444.163	421.842	410.071
67.5	502.757	470.234	431.782	409.809	399.084
68.0	487.760	456.545	419.401	397.428	387.837
68.5	472.937	442.943	407.106	385.918	376.676
69.0	458.289	429.341	395.422	375.193	365.864
69.5	443.640	416.087	383.913	364.556	354.965
70.0	429.079	402.834	371.706	352.872	343.455
70.5	414.779	389.493	359.237	340.316	332.033
71.0	400.392	376.153	346.943	328.283	320.785
71.5	386.267	362.986	334.910	317.471	309.886
72.0	372.229	350.256	323.401	307.444	299.335
72.5	358.365	337.700	312.327	297.068	289.221
73.0	344.763	325.232	301.079	285.995	278.932
73.5	331.248	312.676	289.482	274.921	268.294
74.0	317.995	300.294	277.886	264.283	258.180
74.5	304.916	288.174	266.899	254.256	248.676
75.0	292.098	276.403	256.349	244.403	238.910
75.5	279.455	264.719	245.973	234.463	228.883
76.0	266.986	253.123	235.335	224.610	219.379
76.5	254.692	241.439	224.785	214.496	210.049
77.0	242.485	230.016	214.147	204.556	200.371
77.5	230.540	218.768	204.033	194.790	190.518
78.0	218.594	207.608	194.180	185.286	181.188
78.5	206.823	196.621	184.327	175.869	172.294
79.0	195.401	185.896	174.474	166.627	163.488
79.5	184.065	175.346	164.796	157.559	154.768
80.0	172.992	164.970	155.379	148.490	145.962
80.5	162.005	154.768	146.049	139.510	136.981
81.0	151.368	144.741	136.632	130.703	128.174
81.5	140.992	134.975	127.564	122.158	119.804
82.0	130.790	125.559	118.932	113.962	111.782
82.5	120.850	116.316	110.387	106.027	104.022

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**CANDELA TABULATION - (Cont.)**

83.0	111.084	107.161	102.016	98.005	96.436
83.5	101.493	98.093	93.559	90.071	88.850
84.0	92.163	89.373	85.101	82.223	81.090
84.5	83.095	80.828	76.905	74.550	73.591
85.0	74.202	72.458	69.232	67.139	66.703
85.5	65.482	64.174	61.733	60.163	60.251
86.0	57.025	55.978	54.409	53.711	53.711
86.5	48.828	48.131	47.084	46.910	47.084
87.0	40.807	40.545	39.935	39.935	40.196
87.5	33.134	32.872	32.959	33.395	33.569
88.0	25.722	25.896	26.681	27.292	27.553
88.5	18.834	19.444	20.926	21.101	21.275
89.0	12.730	13.689	14.561	13.166	13.079
89.5	8.807	9.068	6.801	6.452	7.150
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 : LRX2-6-L8-835-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 : LRX2-6-L8-835-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 : LRX2-6-L8-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	752.99	N.A.	15.70
0-30	1541.6	N.A.	32.10
0-40	2419.57	N.A.	50.40
0-60	3945.05	N.A.	82.20
0-80	4720.68	N.A.	98.30
0-90	4800.13	N.A.	100.00
10-90	4600.62	N.A.	95.80
20-40	1666.57	N.A.	34.70
20-50	2499.71	N.A.	52.10
40-70	2023.92	N.A.	42.20
60-80	775.64	N.A.	16.20
70-80	277.20	N.A.	5.80
80-90	79.45	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	4800.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	199.51
10-20	553.48
20-30	788.60
30-40	877.97
40-50	833.13
50-60	692.35
60-70	498.44
70-80	277.20
80-90	79.45
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 : LRX2-6-L8-835-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 : LRX2-6-L8-835-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	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.3	22.6
	3H	23.3	24.7	23.7	25.1	25.4	22.1	23.5	22.5	23.9	24.2
	4H	23.9	25.3	24.3	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.5	25.7	25.0	26.1	26.5	23.3	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.1	26.6	23.4	24.6	23.9	25.0	25.4

UGR Viewed Endwise

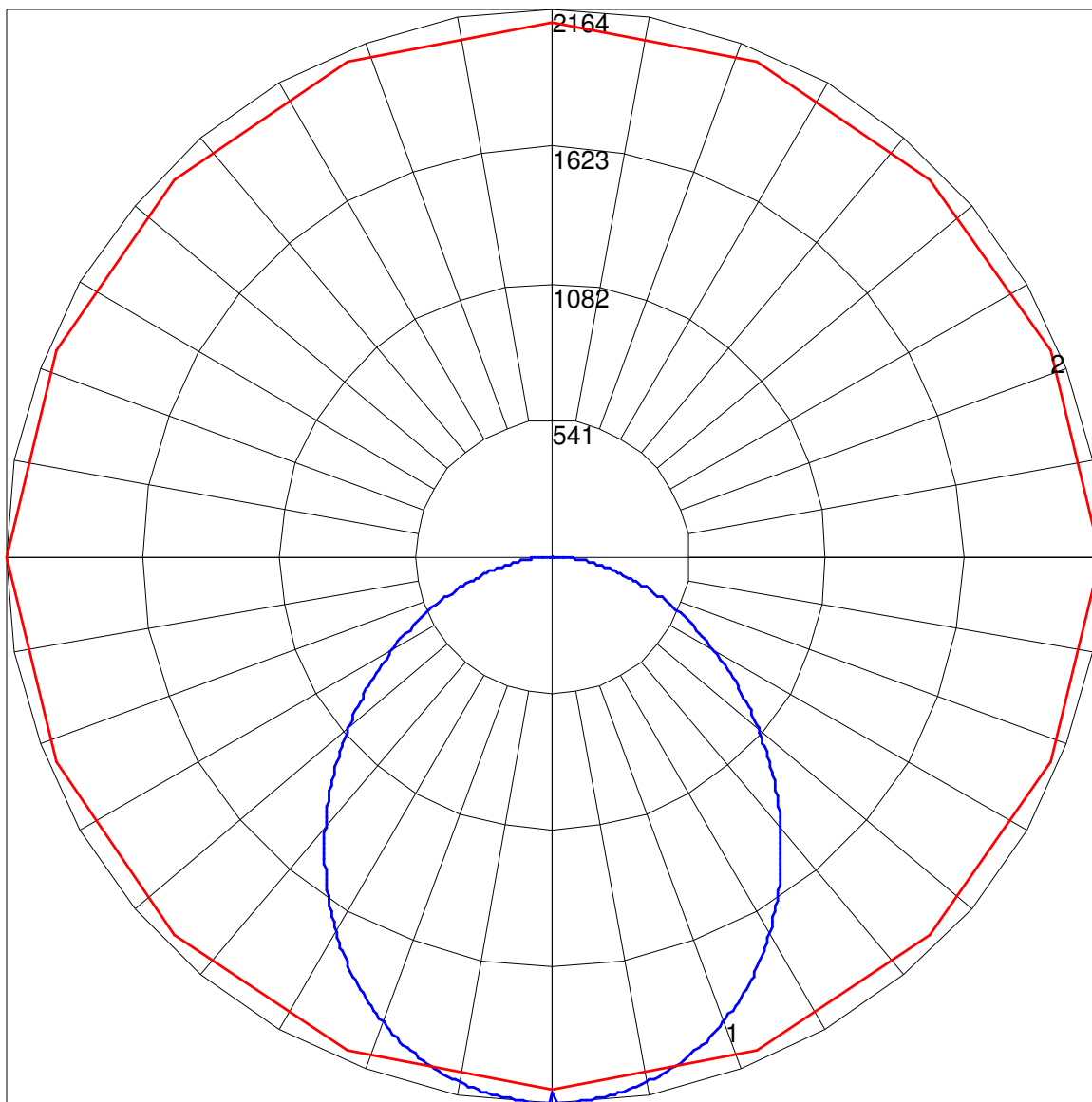
4H	2H	22.1	23.4	22.5	23.7	24.1	21.1	22.4	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.7	24.7	24.2	25.2	25.6
	6H	25.3	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.6	26.1
	8H	25.5	26.3	26.0	26.8	27.3	24.5	25.3	25.0	25.8	26.2
	12H	25.7	26.4	26.2	26.9	27.4	24.7	25.4	25.2	25.9	26.3

8H	4H	25.0	25.8	25.4	26.2	26.7	24.1	24.9	24.5	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.4	25.3	25.9	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.2	26.6
	12H	26.2	26.7	26.7	27.2	27.7	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.8	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 2164.142 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.)