

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-6-L8-827-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-6-L8-827-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 6' suspended linear fixture (CRS construction

[MORE]) with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4767
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	39
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	6.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7751	6872	6083
55	6785	5864	4981
65	5773	4824	4007
75	4635	3622	2950
85	3001	1860	1424

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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	2207.894	2207.894	2207.894	2207.894	2207.894
0.5	2218.688	2203.097	2208.494	2206.695	2205.495
1.0	2218.088	2202.497	2207.894	2206.095	2204.896
1.5	2217.488	2201.298	2207.294	2204.896	2203.697
2.0	2216.289	2200.698	2205.495	2202.497	2203.097
2.5	2215.689	2199.499	2204.296	2201.298	2200.698
3.0	2213.891	2197.700	2202.497	2198.300	2197.700
3.5	2212.691	2195.901	2200.099	2195.901	2194.702
4.0	2209.693	2193.503	2197.700	2192.903	2191.104
4.5	2208.494	2191.104	2194.702	2189.305	2186.906
5.0	2205.495	2188.705	2191.104	2185.707	2183.309
5.5	2204.296	2185.108	2187.506	2180.910	2177.912
6.0	2198.899	2182.109	2183.309	2176.113	2173.115
6.5	2195.901	2179.111	2178.511	2170.716	2167.118
7.0	2192.303	2174.914	2174.314	2165.319	2161.721
7.5	2188.705	2170.716	2168.917	2159.323	2155.125
8.0	2184.508	2165.919	2164.120	2152.727	2147.930
8.5	2180.310	2161.721	2158.723	2145.531	2140.734
9.0	2175.513	2156.924	2152.127	2138.335	2133.538
9.5	2170.116	2150.928	2146.131	2130.540	2125.143
10.0	2165.919	2145.531	2138.935	2123.344	2117.348
10.5	2159.323	2139.534	2132.339	2115.549	2108.953
11.0	2153.326	2133.538	2124.543	2106.554	2100.558
11.5	2147.330	2126.942	2116.748	2097.559	2090.364
12.0	2140.734	2120.346	2108.953	2087.965	2080.769
12.5	2132.938	2112.550	2100.558	2078.371	2069.976
13.0	2126.342	2105.355	2091.563	2068.177	2059.782
13.5	2119.746	2097.559	2082.568	2057.983	2049.588
14.0	2111.351	2089.764	2073.574	2046.589	2037.595
14.5	2104.155	2080.769	2063.380	2035.796	2026.202
15.0	2095.760	2072.374	2053.186	2024.403	2014.209
15.5	2087.365	2063.380	2042.992	2012.410	2002.216
16.0	2078.371	2054.385	2032.198	2000.417	1989.024
16.5	2069.976	2045.390	2021.404	1987.824	1976.431
17.0	2060.381	2035.196	2010.011	1975.232	1962.639
17.5	2051.387	2025.002	1999.217	1962.039	1948.847
18.0	2041.193	2015.408	1987.225	1948.847	1935.055
18.5	2032.198	2004.614	1975.232	1935.055	1920.064
19.0	2021.404	1993.821	1962.639	1920.664	1905.073
19.5	2011.210	1983.027	1950.047	1906.872	1890.082
20.0	2000.417	1971.634	1936.854	1892.481	1875.091
20.5	1989.623	1960.241	1923.662	1877.489	1859.500
21.0	1978.230	1948.847	1910.470	1862.498	1843.310
21.5	1967.436	1936.255	1896.678	1846.908	1827.719
22.0	1955.443	1924.262	1882.287	1831.317	1812.128
22.5	1943.450	1911.669	1867.895	1815.726	1795.338
23.0	1932.057	1899.676	1854.103	1798.936	1778.548
23.5	1920.064	1886.484	1839.112	1782.746	1761.758
24.0	1907.472	1873.292	1824.121	1766.555	1744.368
24.5	1894.879	1860.100	1808.530	1749.765	1727.578
25.0	1881.687	1846.908	1793.539	1732.975	1710.188
25.5	1867.895	1832.516	1777.948	1715.585	1691.599
26.0	1854.703	1818.724	1761.158	1698.196	1673.610
26.5	1841.511	1804.333	1745.568	1680.806	1655.021

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CANDELA TABULATION - (Cont.)

27.0	1827.119	1789.941	1728.777	1662.816	1637.032
27.5	1812.128	1774.950	1712.587	1644.827	1619.042
28.0	1798.336	1760.559	1695.797	1626.238	1599.854
28.5	1783.945	1745.568	1679.607	1608.249	1581.265
29.0	1769.553	1730.576	1662.816	1589.660	1563.275
29.5	1752.763	1714.986	1645.427	1571.071	1544.087
30.0	1736.573	1698.795	1628.037	1552.482	1525.498
30.5	1721.582	1683.204	1611.247	1534.492	1506.309
31.0	1705.991	1667.614	1593.857	1515.903	1487.120
31.5	1691.000	1651.423	1576.468	1496.715	1467.932
32.0	1674.210	1635.233	1558.478	1478.126	1449.343
32.5	1658.619	1618.443	1541.088	1458.937	1429.554
33.0	1642.429	1602.252	1522.499	1440.348	1410.965
33.5	1626.238	1585.462	1505.709	1421.159	1390.577
34.0	1610.647	1568.672	1487.120	1402.570	1371.988
34.5	1594.457	1552.482	1469.131	1383.981	1353.399
35.0	1578.266	1535.092	1450.542	1364.793	1334.211
35.5	1561.476	1517.702	1432.553	1346.803	1314.423
36.0	1545.886	1500.912	1414.563	1327.615	1296.433
36.5	1529.096	1483.523	1395.974	1309.026	1277.245
37.0	1511.706	1466.133	1378.585	1290.437	1259.255
37.5	1494.916	1448.743	1360.595	1271.248	1240.067
38.0	1478.126	1430.754	1342.006	1252.659	1220.878
38.5	1460.736	1413.964	1324.017	1234.070	1202.289
39.0	1442.747	1395.974	1306.027	1215.481	1183.700
39.5	1425.957	1378.585	1287.438	1196.892	1165.111
40.0	1408.567	1360.595	1269.449	1179.502	1147.121
40.5	1389.978	1343.206	1250.860	1160.913	1127.933
41.0	1372.588	1325.216	1232.871	1142.324	1108.145
41.5	1355.198	1307.826	1214.881	1123.735	1089.556
42.0	1336.609	1289.837	1196.892	1104.547	1070.367
42.5	1317.421	1271.248	1178.903	1086.557	1051.778
43.0	1299.431	1253.259	1160.913	1066.769	1033.189
43.5	1282.042	1235.869	1142.924	1048.180	1015.799
44.0	1262.853	1217.880	1124.935	1030.790	997.810
44.5	1244.864	1199.890	1105.146	1012.801	979.820
45.0	1226.275	1182.501	1087.157	995.411	962.431
45.5	1207.686	1163.912	1068.568	978.022	944.441
46.0	1189.696	1146.522	1051.178	960.632	927.052
46.5	1171.707	1128.532	1033.789	943.842	910.262
47.0	1153.118	1110.543	1016.399	926.452	892.872
47.5	1134.529	1091.354	999.609	909.662	876.082
48.0	1116.540	1072.765	982.819	892.872	858.692
48.5	1097.951	1055.376	965.429	876.082	841.902
49.0	1078.162	1037.386	948.639	859.292	825.712
49.5	1060.773	1020.596	932.448	842.502	809.521
50.0	1042.783	1003.207	915.658	826.311	793.331
50.5	1025.993	985.817	898.868	810.121	777.140
51.0	1008.004	969.027	882.078	793.331	760.950
51.5	990.614	951.637	865.888	777.740	745.359
52.0	973.824	934.247	849.098	761.550	729.768
52.5	956.434	917.457	832.907	745.959	714.777
53.0	939.045	900.667	816.717	730.368	699.786
53.5	921.655	883.877	801.126	714.777	684.195
54.0	904.865	867.087	784.336	699.786	669.204
54.5	887.475	850.897	768.745	684.195	654.213

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CANDELA TABULATION - (Cont.)

55.0	870.685	834.107	752.555	669.804	639.222
55.5	853.295	817.916	736.964	654.213	624.830
56.0	835.906	801.126	721.373	639.822	610.439
56.5	819.116	784.936	705.783	625.430	596.947
57.0	801.726	768.745	689.592	611.039	582.735
57.5	784.936	753.155	674.601	596.647	568.884
58.0	768.146	736.964	659.010	582.495	555.272
58.5	751.356	720.774	643.419	568.524	541.660
59.0	734.566	705.183	628.428	554.792	528.168
59.5	717.775	689.592	613.437	541.060	515.035
60.0	701.585	674.001	598.326	527.268	501.963
60.5	685.395	658.411	583.695	513.836	488.891
61.0	669.204	643.419	568.764	500.524	476.058
61.5	653.613	627.829	554.252	487.092	463.406
62.0	637.423	612.238	539.621	474.259	451.173
62.5	621.832	597.427	525.469	461.367	438.701
63.0	606.241	582.615	511.378	448.535	426.468
63.5	590.950	567.804	497.286	435.582	414.115
64.0	576.079	553.113	483.554	423.110	402.242
64.5	560.728	538.422	469.702	410.697	390.429
65.0	545.857	524.030	456.090	398.284	378.916
65.5	531.106	509.459	442.358	386.112	367.163
66.0	516.415	495.007	429.106	374.239	355.650
66.5	501.843	480.736	415.794	362.186	344.017
67.0	487.092	466.584	402.662	350.253	332.863
67.5	472.341	452.432	389.709	338.740	321.710
68.0	458.189	438.521	376.637	327.166	310.436
68.5	443.738	424.729	363.865	315.773	299.583
69.0	429.406	410.937	351.212	304.440	288.789
69.5	415.494	397.205	338.860	293.227	278.295
70.0	401.403	383.533	326.267	282.253	267.682
70.5	387.491	370.101	313.914	271.340	257.428
71.0	373.579	356.789	301.921	260.726	247.054
71.5	359.967	343.357	289.929	250.172	237.040
72.0	346.415	330.285	278.056	239.678	227.026
72.5	332.923	317.332	266.243	229.424	217.311
73.0	319.791	304.560	254.669	219.110	207.777
73.5	306.659	291.608	243.276	209.276	198.243
74.0	293.766	278.895	232.003	199.382	188.768
74.5	280.994	266.422	220.849	189.788	179.774
75.0	268.401	254.130	209.756	180.133	170.839
75.5	256.049	242.077	199.022	170.959	161.964
76.0	243.996	230.144	188.528	161.784	153.389
76.5	231.883	218.211	178.035	152.970	144.994
77.0	220.430	206.578	167.961	144.155	136.659
77.5	208.796	195.125	157.947	135.640	128.504
78.0	197.223	183.851	148.052	127.305	120.769
78.5	185.770	172.698	138.578	119.209	112.913
79.0	174.857	161.964	129.284	111.234	105.358
79.5	164.123	151.051	120.229	103.259	97.982
80.0	153.449	140.617	111.234	95.763	90.846
80.5	142.836	130.243	102.479	88.328	83.770
81.0	132.582	120.169	94.084	81.252	77.054
81.5	122.448	110.395	85.869	74.236	70.398
82.0	112.673	100.501	78.074	67.400	63.802
82.5	103.139	91.146	70.398	60.744	57.506

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CANDELA TABULATION - (Cont.)

83.0	93.725	81.912	62.963	54.268	51.090
83.5	84.430	73.097	55.947	47.912	44.973
84.0	75.555	64.462	49.111	41.675	39.037
84.5	66.800	56.307	42.575	35.739	33.340
85.0	58.525	48.451	36.279	30.162	27.764
85.5	50.490	40.896	30.282	24.466	21.767
86.0	42.935	33.700	24.885	18.589	15.171
86.5	35.439	27.224	19.668	11.753	9.354
87.0	28.543	21.108	14.032	7.436	6.656
87.5	22.127	15.711	8.095	5.697	5.217
88.0	16.190	10.734	5.097	4.377	4.078
88.5	11.153	5.996	3.778	3.178	2.818
89.0	7.016	2.998	2.519	2.039	1.799
89.5	3.478	1.619	1.379	1.019	0.899
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 : LRX4X-6-L8-827-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 : LRX4X-6-L8-827-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 : LRX4X-6-L8-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	784.26	N.A.	16.50
0-30	1607.6	N.A.	33.70
0-40	2514.56	N.A.	52.80
0-60	4029.69	N.A.	84.50
0-80	4717.22	N.A.	99.00
0-90	4766.58	N.A.	100.00
10-90	4559.23	N.A.	95.60
20-40	1730.3	N.A.	36.30
20-50	2571.35	N.A.	53.90
40-70	1971.99	N.A.	41.40
60-80	687.53	N.A.	14.40
70-80	230.67	N.A.	4.80
80-90	49.37	N.A.	1.00
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	4766.58	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	207.35
10-20	576.91
20-30	823.34
30-40	906.96
40-50	841.05
50-60	674.08
60-70	456.86
70-80	230.67
80-90	49.37
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 : LRX4X-6-L8-827-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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-6-L8-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

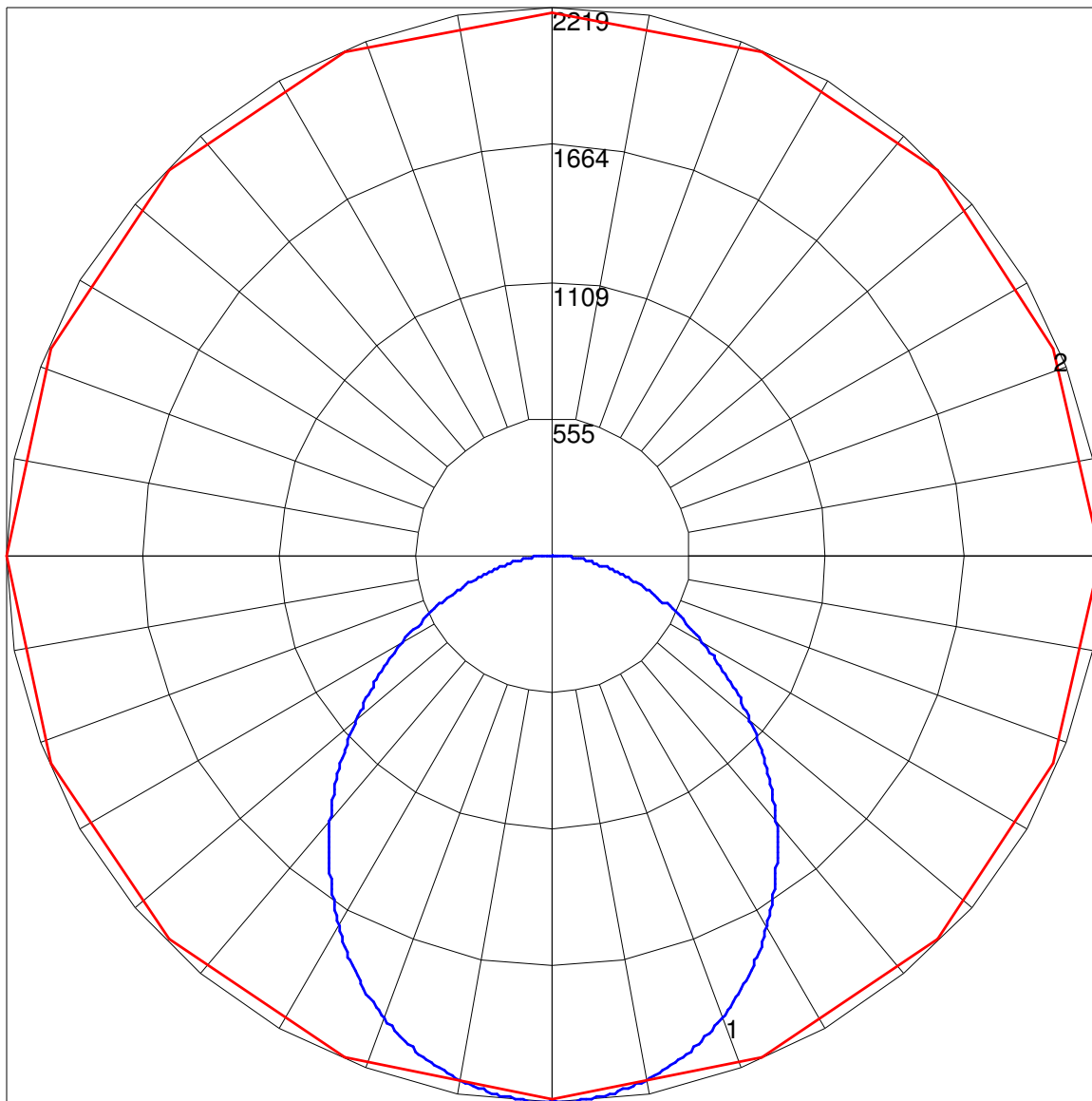
Reflectances

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	18.5	20.1	18.9	20.4	20.7	16.8	18.3	17.2	18.6	19.0
	3H	20.1	21.5	20.5	21.8	22.2	18.1	19.5	18.5	19.8	20.2
	4H	20.7	22.0	21.1	22.3	22.7	18.6	19.9	19.0	20.2	20.6
	6H	21.0	22.2	21.4	22.6	23.0	18.8	20.0	19.2	20.4	20.8
	8H	21.1	22.3	21.6	22.7	23.1	18.9	20.0	19.3	20.4	20.8
	12H	21.2	22.3	21.6	22.7	23.1	18.9	20.0	19.3	20.4	20.8
4H	2H	18.9	20.2	19.3	20.5	20.9	17.5	18.8	17.9	19.1	19.5
	3H	20.7	21.8	21.1	22.2	22.6	19.0	20.1	19.4	20.5	20.9
	4H	21.4	22.3	21.8	22.8	23.2	19.5	20.5	19.9	20.9	21.3
	6H	21.9	22.7	22.3	23.2	23.6	19.9	20.7	20.3	21.2	21.6
	8H	22.0	22.8	22.5	23.3	23.7	19.9	20.7	20.4	21.2	21.6
	12H	22.1	22.8	22.6	23.3	23.8	20.0	20.7	20.5	21.2	21.6
8H	4H	21.5	22.3	22.0	22.7	23.2	19.8	20.6	20.3	21.1	21.5
	6H	22.1	22.7	22.6	23.2	23.7	20.2	20.9	20.7	21.4	21.9
	8H	22.3	22.9	22.8	23.4	23.9	20.4	21.0	20.9	21.5	22.0
	12H	22.4	22.9	22.9	23.4	24.0	20.4	21.0	20.9	21.4	22.0
12H	4H	21.5	22.2	22.0	22.7	23.1	19.9	20.6	20.3	21.0	21.5
	6H	22.1	22.7	22.6	23.1	23.7	20.3	20.9	20.8	21.4	21.9
	8H	22.3	22.8	22.8	23.3	23.9	20.5	21.0	21.0	21.5	22.0

Maximum UGR = 24.0

POLAR GRAPH



Maximum Candela = 2218.688 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.)