



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L12-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN from UL #4792155383.02
[TESTLAB] UL, LLC
[ISSUE DATE] 28 Apr, 2026
[TEST DATE] 3/19/2026
[MANUFAC] H E Williams Inc
[LUMCAT] LRX4x-4-L12/835-DMA-DIM-UNV
[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction
[MORE]) with diffused acrylic shielding
[LAMP] (2) 72 LED boards - 144 Total LED
[BALLAST] Eldoled OTI85/120-277/2A3-DIM-1 L*2743W5/57420
[OTHER] 24.9 C, 120.047 V, 0.57784 A, 68.9866 W, 0.994502 PF, 59.9893 Hz
[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	4820
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	39.6
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)	4.00 ft
Luminous Width (90-270)	0.29 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16147	14315	12673
55	14134	12216	10376
65	12026	10048	8348
75	9655	7546	6146
85	6252	3876	2966

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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	2232.765	2232.765	2232.765	2232.765	2232.765
0.5	2243.680	2227.914	2233.371	2231.552	2230.339
1.0	2243.074	2227.307	2232.765	2230.946	2229.733
1.5	2242.467	2226.094	2232.158	2229.733	2228.520
2.0	2241.254	2225.488	2230.339	2227.307	2227.914
2.5	2240.648	2224.275	2229.126	2226.094	2225.488
3.0	2238.829	2222.456	2227.307	2223.062	2222.456
3.5	2237.616	2220.637	2224.882	2220.637	2219.424
4.0	2234.584	2218.211	2222.456	2217.605	2215.786
4.5	2233.371	2215.786	2219.424	2213.966	2211.541
5.0	2230.339	2213.360	2215.786	2210.328	2207.902
5.5	2229.126	2209.722	2212.147	2205.477	2202.445
6.0	2223.669	2206.690	2207.902	2200.626	2197.594
6.5	2220.637	2203.658	2203.051	2195.168	2191.530
7.0	2216.998	2199.413	2198.806	2189.710	2186.072
7.5	2213.360	2195.168	2193.349	2183.646	2179.402
8.0	2209.115	2190.317	2188.498	2176.976	2172.125
8.5	2204.870	2186.072	2183.040	2169.699	2164.848
9.0	2200.019	2181.221	2176.370	2162.422	2157.571
9.5	2194.562	2175.157	2170.306	2154.539	2149.082
10.0	2190.317	2169.699	2163.029	2147.262	2141.198
10.5	2183.646	2163.635	2156.358	2139.379	2132.709
11.0	2177.582	2157.571	2148.475	2130.283	2124.219
11.5	2171.518	2150.901	2140.592	2121.187	2113.910
12.0	2164.848	2144.230	2132.709	2111.485	2104.208
12.5	2156.965	2136.347	2124.219	2101.782	2093.293
13.0	2150.294	2129.070	2115.123	2091.474	2082.984
13.5	2143.624	2121.187	2106.027	2081.165	2072.675
14.0	2135.134	2113.304	2096.931	2069.643	2060.547
14.5	2127.858	2104.208	2086.622	2058.728	2049.026
15.0	2119.368	2095.718	2076.314	2047.206	2036.898
15.5	2110.878	2086.622	2066.005	2035.078	2024.770
16.0	2101.782	2077.526	2055.090	2022.950	2011.429
16.5	2093.293	2068.430	2044.174	2010.216	1998.694
17.0	2083.590	2058.122	2032.653	1997.482	1984.747
17.5	2074.494	2047.813	2021.738	1984.141	1970.800
18.0	2064.186	2038.110	2009.610	1970.800	1956.853
18.5	2055.090	2027.195	1997.482	1956.853	1941.693
19.0	2044.174	2016.280	1984.747	1942.299	1926.533
19.5	2033.866	2005.365	1972.013	1928.352	1911.373
20.0	2022.950	1993.843	1958.672	1913.798	1896.213
20.5	2012.035	1982.322	1945.331	1898.638	1880.446
21.0	2000.514	1970.800	1931.990	1883.478	1864.074
21.5	1989.598	1958.066	1918.043	1867.712	1848.307
22.0	1977.470	1945.938	1903.490	1851.946	1832.541
22.5	1965.342	1933.203	1888.936	1836.179	1815.562
23.0	1953.821	1921.075	1874.989	1819.200	1798.582
23.5	1941.693	1907.734	1859.829	1802.827	1781.603
24.0	1928.958	1894.394	1844.669	1786.454	1764.018
24.5	1916.224	1881.053	1828.902	1769.475	1747.038
25.0	1902.883	1867.712	1813.742	1752.496	1729.453
25.5	1888.936	1853.158	1797.976	1734.910	1710.654
26.0	1875.595	1839.211	1780.997	1717.325	1692.462
26.5	1862.254	1824.658	1765.230	1699.739	1673.664

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CANDELA TABULATION - (Cont.)

27.0	1847.701	1810.104	1748.251	1681.547	1655.472
27.5	1832.541	1794.944	1731.878	1663.355	1637.280
28.0	1818.594	1780.390	1714.899	1644.557	1617.875
28.5	1804.040	1765.230	1698.526	1626.365	1599.077
29.0	1789.486	1750.070	1681.547	1607.566	1580.885
29.5	1772.507	1734.304	1663.962	1588.768	1561.480
30.0	1756.134	1717.931	1646.376	1569.970	1542.682
30.5	1740.974	1702.165	1629.397	1551.778	1523.277
31.0	1725.208	1686.398	1611.811	1532.979	1503.872
31.5	1710.048	1670.026	1594.226	1513.574	1484.467
32.0	1693.069	1653.653	1576.034	1494.776	1465.669
32.5	1677.302	1636.674	1558.448	1475.371	1445.658
33.0	1660.930	1620.301	1539.650	1456.573	1426.859
33.5	1644.557	1603.322	1522.670	1437.168	1406.242
34.0	1628.790	1586.342	1503.872	1418.370	1387.443
34.5	1612.418	1569.970	1485.680	1399.571	1368.645
35.0	1596.045	1552.384	1466.882	1380.166	1349.240
35.5	1579.066	1534.798	1448.690	1361.974	1329.229
36.0	1563.299	1517.819	1430.498	1342.570	1311.037
36.5	1546.320	1500.234	1411.699	1323.771	1291.632
37.0	1528.734	1482.648	1394.114	1304.973	1273.440
37.5	1511.755	1465.062	1375.922	1285.568	1254.035
38.0	1494.776	1446.870	1357.123	1266.770	1234.630
38.5	1477.190	1429.891	1338.931	1247.971	1215.832
39.0	1458.998	1411.699	1320.739	1229.173	1197.034
39.5	1442.019	1394.114	1301.941	1210.374	1178.235
40.0	1424.434	1375.922	1283.749	1192.789	1160.043
40.5	1405.635	1358.336	1264.950	1173.990	1140.638
41.0	1388.050	1340.144	1246.758	1155.192	1120.627
41.5	1370.464	1322.558	1228.566	1136.394	1101.829
42.0	1351.666	1304.366	1210.374	1116.989	1082.424
42.5	1332.261	1285.568	1192.182	1098.797	1063.626
43.0	1314.069	1267.376	1173.990	1078.786	1044.827
43.5	1296.483	1249.790	1155.798	1059.987	1027.242
44.0	1277.078	1231.598	1137.606	1042.402	1009.050
44.5	1258.886	1213.406	1117.595	1024.210	990.858
45.0	1240.088	1195.821	1099.403	1006.624	973.272
45.5	1221.290	1177.022	1080.605	989.038	955.080
46.0	1203.098	1159.437	1063.019	971.453	937.494
46.5	1184.906	1141.245	1045.434	954.474	920.515
47.0	1166.107	1123.053	1027.848	936.888	902.930
47.5	1147.309	1103.648	1010.869	919.909	885.950
48.0	1129.117	1084.850	993.890	902.930	868.365
48.5	1110.318	1067.264	976.304	885.950	851.386
49.0	1090.307	1049.072	959.325	868.971	835.013
49.5	1072.722	1032.093	942.952	851.992	818.640
50.0	1054.530	1014.507	925.973	835.619	802.267
50.5	1037.550	996.922	908.994	819.246	785.894
51.0	1019.358	979.942	892.014	802.267	769.522
51.5	1001.773	962.357	875.642	786.501	753.755
52.0	984.794	944.771	858.662	770.128	737.989
52.5	967.208	927.792	842.290	754.362	722.829
53.0	949.622	910.813	825.917	738.595	707.669
53.5	932.037	893.834	810.150	722.829	691.902
54.0	915.058	876.854	793.171	707.669	676.742
54.5	897.472	860.482	777.405	691.902	661.582

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CANDELA TABULATION - (Cont.)

55.0	880.493	843.502	761.032	677.349	646.422
55.5	862.907	827.130	745.266	661.582	631.869
56.0	845.322	810.150	729.499	647.029	617.315
56.5	828.342	793.778	713.733	632.475	603.671
57.0	810.757	777.405	697.360	617.922	589.300
57.5	793.778	761.638	682.200	603.368	575.292
58.0	776.798	745.266	666.434	589.057	561.526
58.5	759.819	728.893	650.667	574.928	547.761
59.0	742.840	713.126	635.507	561.041	534.117
59.5	725.861	697.360	620.347	547.155	520.837
60.0	709.488	681.594	605.066	533.208	507.617
60.5	693.115	665.827	590.270	519.624	494.398
61.0	676.742	650.667	575.170	506.162	481.421
61.5	660.976	634.901	560.496	492.579	468.626
62.0	644.603	619.134	545.699	479.602	456.255
62.5	628.837	604.156	531.388	466.564	443.642
63.0	613.070	589.178	517.138	453.587	431.272
63.5	597.607	574.200	502.888	440.489	418.780
64.0	582.568	559.343	489.001	427.876	406.773
64.5	567.045	544.487	474.993	415.323	394.827
65.0	552.006	529.933	461.228	402.771	383.184
65.5	537.088	515.197	447.341	390.461	371.299
66.0	522.232	500.583	433.940	378.454	359.656
66.5	507.496	486.151	420.478	366.266	347.892
67.0	492.579	471.840	407.198	354.198	336.613
67.5	477.661	457.529	394.099	342.555	325.334
68.0	463.350	443.460	380.880	330.852	313.933
68.5	448.736	429.513	367.964	319.330	302.957
69.0	434.243	415.566	355.168	307.869	292.042
69.5	420.175	401.679	342.677	296.530	281.430
70.0	405.924	387.853	329.942	285.432	270.697
70.5	391.856	374.270	317.450	274.396	260.328
71.0	377.787	360.808	305.322	263.663	249.837
71.5	364.022	347.225	293.194	252.990	239.710
72.0	350.317	334.005	281.188	242.378	229.583
72.5	336.673	320.907	269.242	232.009	219.759
73.0	323.393	307.991	257.538	221.579	210.118
73.5	310.113	294.892	246.016	211.634	200.476
74.0	297.075	282.037	234.616	201.628	190.895
74.5	284.159	269.424	223.337	191.926	181.799
75.0	271.425	256.992	212.119	182.163	172.763
75.5	258.933	244.804	201.264	172.885	163.789
76.0	246.744	232.736	190.652	163.607	155.117
76.5	234.495	220.669	180.040	154.693	146.628
77.0	222.913	208.905	169.853	145.779	138.199
77.5	211.148	197.323	159.726	137.168	129.952
78.0	199.445	185.922	149.720	128.739	122.129
78.5	187.863	174.643	140.139	120.552	114.185
79.0	176.826	163.789	130.740	112.487	106.544
79.5	165.972	152.752	121.583	104.422	99.086
80.0	155.178	142.201	112.487	96.842	91.870
80.5	144.444	131.710	103.634	89.323	84.714
81.0	134.075	121.523	95.144	82.167	77.922
81.5	123.827	111.638	86.836	75.072	71.191
82.0	113.943	101.633	78.953	68.159	64.521
82.5	104.301	92.173	71.191	61.428	58.154

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CANDELA TABULATION - (Cont.)

83.0	94.780	82.834	63.672	54.879	51.665
83.5	85.381	73.920	56.577	48.451	45.480
84.0	76.406	65.188	49.664	42.145	39.477
84.5	67.553	56.941	43.054	36.141	33.716
85.0	59.185	48.997	36.687	30.502	28.076
85.5	51.059	41.356	30.623	24.741	22.012
86.0	43.418	34.080	25.166	18.798	15.342
86.5	35.838	27.531	19.890	11.885	9.460
87.0	28.865	21.345	14.190	7.519	6.731
87.5	22.376	15.888	8.186	5.761	5.276
88.0	16.373	10.855	5.154	4.427	4.124
88.5	11.279	6.064	3.820	3.214	2.850
89.0	7.095	3.032	2.547	2.062	1.819
89.5	3.517	1.637	1.395	1.031	0.910
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-4-L12-835-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 : LRX4X-4-L12-835-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 : LRX4X-4-L12-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fxt
0-20	793.10	N.A.	16.50
0-30	1625.71	N.A.	33.70
0-40	2542.88	N.A.	52.80
0-60	4075.08	N.A.	84.50
0-80	4770.36	N.A.	99.00
0-90	4820.28	N.A.	100.00
10-90	4610.59	N.A.	95.60
20-40	1749.79	N.A.	36.30
20-50	2600.31	N.A.	53.90
40-70	1994.2	N.A.	41.40
60-80	695.28	N.A.	14.40
70-80	233.27	N.A.	4.80
80-90	49.92	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	4820.28	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	209.69
10-20	583.41
20-30	832.61
30-40	917.18
40-50	850.53
50-60	681.67
60-70	462.01
70-80	233.27
80-90	49.92
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 : LRX4X-4-L12-835-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	175	175	175	175	171	171	171	171	163	163	163	157	157	157	150	150	150	147
1	162	155	150	145	158	152	147	142	146	142	138	140	137	134	135	132	130	127
2	148	137	128	120	145	134	126	119	129	122	116	125	119	114	120	115	111	108
3	136	122	111	102	133	120	109	101	115	106	99	111	104	98	108	101	96	93
4	125	109	97	88	122	107	96	87	103	94	86	100	92	85	97	90	84	81
5	116	98	86	77	113	97	85	76	94	83	75	91	82	75	88	80	74	71
6	108	89	77	68	105	88	76	67	85	75	67	83	73	66	80	72	66	63
7	100	81	69	60	98	80	68	60	78	67	60	76	66	59	74	65	59	56
8	93	75	63	54	91	74	62	54	72	61	54	70	60	54	68	60	53	51
9	88	69	57	49	86	68	57	49	66	56	49	65	55	49	63	55	48	46
10	82	64	52	45	80	63	52	45	61	52	45	60	51	45	59	50	44	42

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L12-835-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	19.7	21.3	20.1	21.6	21.9	18.0	19.5	18.4	19.8	20.2
	3H	21.3	22.7	21.7	23.0	23.4	19.3	20.7	19.7	21.0	21.4
	4H	21.9	23.2	22.3	23.5	23.9	19.8	21.1	20.2	21.4	21.8
	6H	22.2	23.4	22.7	23.8	24.2	20.0	21.2	20.4	21.6	22.0
	8H	22.3	23.5	22.8	23.9	24.3	20.1	21.2	20.5	21.6	22.0
	12H	22.4	23.5	22.8	23.9	24.3	20.1	21.2	20.5	21.6	22.0

UGR Viewed Endwise

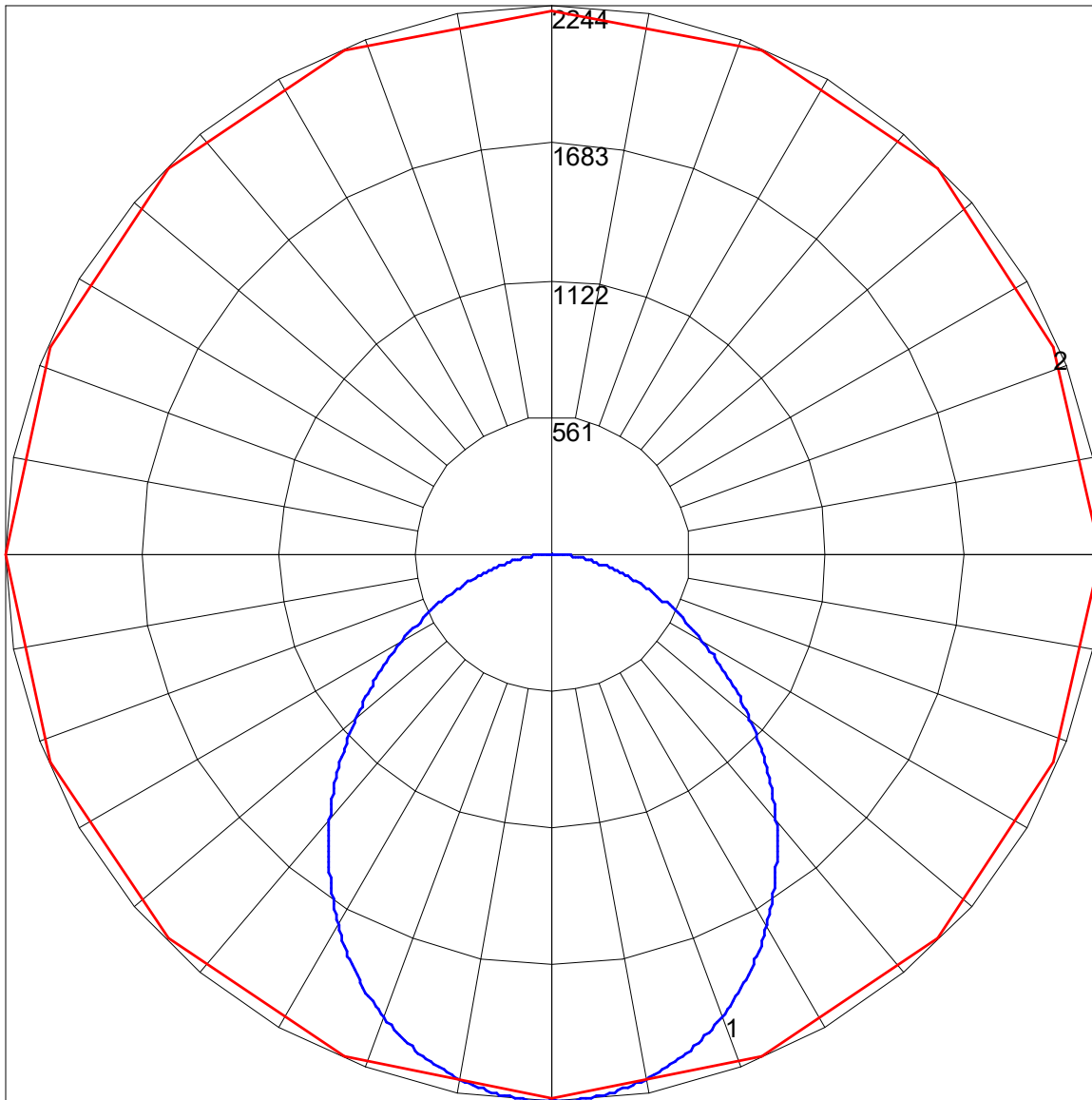
4H	2H	20.1	21.4	20.5	21.7	22.1	18.7	20.0	19.1	20.3	20.7
	3H	21.9	23.0	22.3	23.4	23.8	20.2	21.3	20.6	21.7	22.1
	4H	22.6	23.6	23.0	24.0	24.4	20.7	21.7	21.2	22.1	22.6
	6H	23.1	23.9	23.5	24.4	24.8	21.1	21.9	21.5	22.4	22.8
	8H	23.2	24.0	23.7	24.5	24.9	21.2	21.9	21.6	22.4	22.9
	12H	23.3	24.0	23.8	24.5	25.0	21.2	21.9	21.7	22.4	22.8

8H	4H	22.7	23.5	23.2	23.9	24.4	21.0	21.8	21.5	22.3	22.7
	6H	23.3	24.0	23.8	24.4	24.9	21.5	22.1	21.9	22.6	23.1
	8H	23.5	24.1	24.0	24.6	25.1	21.6	22.2	22.1	22.7	23.2
	12H	23.6	24.2	24.2	24.6	25.2	21.6	22.2	22.2	22.7	23.2

12H	4H	22.7	23.4	23.2	23.9	24.4	21.1	21.8	21.5	22.3	22.7
	6H	23.3	23.9	23.8	24.4	24.9	21.5	22.1	22.0	22.6	23.1
	8H	23.5	24.0	24.0	24.5	25.1	21.7	22.2	22.2	22.7	23.2

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 2243.68 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.)