



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN from UL #4792155383.01
[TESTLAB] UL, LLC
[ISSUEDATE] 4/28/2026
[TESTDATE] 3/19/2026
[MANUFAC] H E Williams Inc
[LUMCAT] LRX2x-4-L12/835-DMA-DIM-UNV
[LUMINAIRE] Nominal 2" 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] 24.7 C, 120.066 V, 0.5744 A, 68.573 W, 0.994304 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	4876
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	48.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.83 ft
Luminous Width (90-270)	0.17 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	30456	26368	23001
55	26915	22574	18678
65	23087	18167	14664
75	18523	12953	10062
85	12194	3860	2090

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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	2319.384	2319.384	2319.384	2319.384	2319.384
0.5	2322.999	2315.769	2321.553	2320.107	2313.600
1.0	2321.553	2315.046	2321.553	2319.384	2312.877
1.5	2320.830	2313.600	2319.384	2317.215	2310.708
2.0	2320.107	2312.877	2318.661	2315.769	2308.539
2.5	2318.661	2311.431	2316.492	2312.877	2306.370
3.0	2317.215	2309.985	2314.323	2309.985	2302.755
3.5	2315.046	2307.816	2310.708	2305.647	2299.140
4.0	2312.877	2304.924	2307.816	2302.032	2294.079
4.5	2310.708	2302.032	2303.478	2296.971	2288.295
5.0	2309.262	2299.140	2299.863	2291.187	2283.234
5.5	2304.924	2295.525	2294.802	2286.126	2277.450
6.0	2302.032	2291.910	2289.741	2279.619	2270.943
6.5	2298.417	2287.572	2284.680	2272.389	2263.713
7.0	2294.079	2282.511	2278.896	2265.882	2255.037
7.5	2289.741	2278.173	2272.389	2257.206	2246.361
8.0	2285.403	2273.112	2265.882	2249.253	2236.962
8.5	2280.342	2267.328	2258.652	2240.577	2229.009
9.0	2274.558	2261.544	2251.422	2231.178	2219.610
9.5	2269.497	2256.483	2243.469	2221.779	2208.765
10.0	2263.713	2249.976	2235.516	2211.657	2197.920
10.5	2258.652	2243.469	2226.840	2200.812	2186.352
11.0	2252.145	2236.239	2217.441	2189.967	2173.338
11.5	2246.361	2229.732	2208.042	2178.399	2162.493
12.0	2242.023	2223.225	2197.920	2166.831	2150.202
12.5	2232.624	2215.995	2187.798	2153.817	2137.911
13.0	2223.948	2207.319	2177.676	2141.526	2124.174
13.5	2216.718	2197.197	2166.831	2129.235	2110.437
14.0	2208.042	2187.798	2155.263	2115.498	2096.700
14.5	2199.366	2177.676	2143.695	2101.761	2082.240
15.0	2190.690	2168.277	2132.850	2088.024	2067.057
15.5	2182.014	2158.878	2121.282	2072.841	2051.874
16.0	2172.615	2148.756	2109.714	2058.381	2037.414
16.5	2163.939	2137.911	2096.700	2043.921	2021.508
17.0	2153.094	2127.066	2082.240	2028.015	2004.879
17.5	2142.972	2116.221	2068.503	2012.832	1988.973
18.0	2133.573	2104.653	2054.766	1996.926	1971.621
18.5	2122.005	2093.085	2040.306	1980.297	1954.992
19.0	2111.160	2081.517	2025.846	1965.114	1938.363
19.5	2101.038	2069.226	2011.386	1947.762	1919.565
20.0	2088.747	2056.935	1996.926	1930.410	1902.213
20.5	2077.902	2045.367	1982.466	1913.781	1884.861
21.0	2066.334	2032.353	1966.560	1897.152	1866.786
21.5	2054.043	2019.339	1950.654	1879.800	1848.711
22.0	2041.752	2006.325	1935.471	1861.725	1830.636
22.5	2029.461	1992.588	1920.288	1843.650	1812.561
23.0	2016.447	1979.574	1903.659	1825.575	1793.763
23.5	2004.156	1965.837	1887.030	1808.223	1774.965
24.0	1989.696	1951.377	1870.401	1789.425	1756.890
24.5	1976.682	1936.917	1853.049	1771.350	1738.092
25.0	1962.945	1922.457	1837.143	1752.552	1719.294
25.5	1949.208	1907.997	1819.791	1733.754	1699.773
26.0	1935.471	1892.091	1802.439	1715.679	1680.975
26.5	1921.011	1877.631	1785.087	1696.881	1661.454

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CANDELA TABULATION - (Cont.)

27.0	1905.828	1861.725	1767.735	1678.083	1642.656
27.5	1890.645	1846.542	1749.660	1659.285	1623.135
28.0	1874.016	1830.636	1732.308	1640.487	1603.614
28.5	1857.387	1814.730	1714.956	1622.412	1584.093
29.0	1842.204	1798.824	1696.158	1602.891	1564.572
29.5	1827.021	1782.195	1678.083	1583.370	1544.328
30.0	1810.392	1765.566	1660.731	1564.572	1526.253
30.5	1795.209	1749.660	1642.656	1545.051	1506.732
31.0	1778.580	1733.031	1624.581	1525.530	1487.934
31.5	1763.397	1715.679	1605.783	1506.732	1469.136
32.0	1746.768	1698.327	1587.708	1487.211	1449.615
32.5	1730.139	1680.975	1568.910	1466.967	1430.094
33.0	1714.233	1663.623	1550.835	1448.169	1411.296
33.5	1697.604	1646.994	1532.760	1430.094	1392.498
34.0	1680.252	1628.919	1513.962	1410.573	1372.977
34.5	1663.623	1611.567	1495.887	1391.775	1354.902
35.0	1646.271	1594.215	1477.089	1372.977	1334.658
35.5	1630.365	1576.140	1458.291	1354.179	1315.137
36.0	1613.013	1558.788	1440.216	1334.658	1294.170
36.5	1595.661	1540.713	1421.418	1315.137	1276.095
37.0	1579.032	1522.638	1402.620	1294.893	1257.297
37.5	1560.957	1504.563	1385.268	1276.095	1239.222
38.0	1542.159	1487.211	1366.470	1258.020	1220.424
38.5	1524.807	1468.413	1347.672	1239.945	1202.349
39.0	1508.178	1450.338	1327.428	1221.147	1184.274
39.5	1489.380	1432.263	1307.907	1203.072	1166.199
40.0	1472.028	1414.188	1289.109	1185.720	1148.124
40.5	1453.953	1396.113	1271.034	1166.922	1130.049
41.0	1434.432	1378.038	1252.959	1149.570	1111.974
41.5	1416.357	1359.240	1234.161	1131.495	1094.622
42.0	1397.559	1340.442	1216.809	1114.143	1076.547
42.5	1378.761	1320.921	1198.011	1096.068	1059.195
43.0	1360.686	1300.677	1181.382	1078.716	1041.120
43.5	1341.165	1282.602	1163.307	1061.364	1023.045
44.0	1320.921	1264.527	1145.232	1044.012	1004.970
44.5	1299.954	1245.729	1127.880	1026.660	986.895
45.0	1281.879	1227.654	1109.805	1009.308	968.097
45.5	1263.804	1209.579	1092.453	991.956	950.022
46.0	1245.006	1191.504	1074.378	973.881	932.670
46.5	1226.208	1173.429	1057.026	956.529	914.595
47.0	1207.410	1155.354	1040.397	938.454	897.243
47.5	1189.335	1137.279	1023.045	921.102	879.891
48.0	1170.537	1119.204	1005.693	903.027	862.539
48.5	1152.462	1101.852	988.341	885.675	845.187
49.0	1134.387	1083.777	971.712	868.323	827.835
49.5	1115.589	1065.702	954.360	850.971	811.206
50.0	1098.237	1048.350	937.731	834.342	795.300
50.5	1080.162	1030.275	921.102	816.990	778.671
51.0	1062.087	1012.923	904.473	800.361	762.042
51.5	1044.012	995.571	887.844	783.732	746.136
52.0	1025.937	978.219	871.215	767.103	730.230
52.5	1008.585	960.867	854.586	751.197	714.179
53.0	990.510	944.238	837.957	734.568	698.056
53.5	972.435	926.886	821.328	718.590	683.452
54.0	954.360	909.534	804.699	702.611	667.618
54.5	937.008	892.182	787.347	686.922	652.435

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55.0	918.933	875.553	770.718	670.944	637.686
55.5	901.581	858.924	754.089	655.544	622.937
56.0	883.506	842.295	736.737	640.072	608.043
56.5	866.154	824.943	720.397	625.033	593.077
57.0	848.079	809.037	703.985	609.850	578.761
57.5	831.450	792.408	687.573	595.029	564.301
58.0	814.098	775.779	671.233	580.280	550.348
58.5	796.023	759.150	655.255	565.675	536.177
59.0	779.394	742.521	639.132	551.287	522.151
59.5	762.042	726.615	623.154	536.900	508.558
60.0	745.413	710.275	607.465	522.946	495.255
60.5	728.061	694.369	592.065	508.775	481.735
61.0	711.287	678.391	576.665	494.749	468.576
61.5	694.514	662.485	561.265	481.012	455.779
62.0	677.812	646.579	545.937	467.853	442.837
62.5	661.473	631.034	530.754	454.478	429.968
63.0	645.133	615.562	515.788	441.175	417.532
63.5	629.155	600.235	500.822	428.088	405.386
64.0	612.670	584.835	486.145	415.219	392.878
64.5	596.620	569.652	471.541	402.422	380.804
65.0	580.786	554.396	457.008	389.842	368.875
65.5	564.880	539.286	442.621	377.261	356.945
66.0	549.263	524.536	428.377	365.043	345.160
66.5	533.791	509.643	414.424	352.679	333.664
67.0	518.102	494.749	400.325	340.605	322.241
67.5	502.702	480.072	386.660	328.676	310.745
68.0	487.591	465.106	372.779	316.819	299.539
68.5	472.408	450.067	359.476	305.251	288.405
69.0	457.370	434.740	346.172	293.610	277.415
69.5	442.404	419.846	333.014	282.259	266.715
70.0	427.365	404.880	320.000	271.053	255.725
70.5	412.471	389.914	307.130	259.918	245.314
71.0	397.650	375.165	294.406	248.857	234.758
71.5	383.262	360.632	281.898	238.084	224.202
72.0	369.091	346.245	269.607	227.239	213.863
72.5	354.559	332.218	257.460	216.683	203.669
73.0	340.461	318.120	245.531	206.200	193.764
73.5	326.290	304.094	233.818	195.788	183.714
74.0	312.625	290.574	222.250	185.811	174.098
74.5	298.888	277.054	210.899	175.617	164.482
75.0	285.368	263.606	199.548	165.712	155.011
75.5	271.920	250.592	188.558	155.951	145.901
76.0	258.979	237.578	177.786	146.552	136.792
76.5	246.109	224.998	167.085	137.298	128.043
77.0	233.384	212.273	156.674	128.116	119.656
77.5	220.949	199.909	146.407	119.295	111.270
78.0	208.585	187.763	136.285	110.691	103.100
78.5	196.584	175.834	126.236	102.304	95.147
79.0	184.726	164.049	116.548	94.062	87.338
79.5	173.303	152.408	107.149	86.109	79.602
80.0	162.024	141.057	98.039	78.373	72.155
80.5	150.962	129.923	89.218	70.637	64.708
81.0	140.045	118.933	80.831	63.118	57.478
81.5	129.417	108.305	72.589	55.671	50.104
82.0	119.078	98.039	64.781	48.513	42.802
82.5	109.028	88.061	57.117	41.139	35.065

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CANDELA TABULATION - (Cont.)

83.0	99.268	78.373	49.598	33.619	26.751
83.5	89.797	68.974	42.368	25.305	17.858
84.0	80.614	60.081	35.282	16.846	13.809
84.5	71.794	51.550	28.125	12.869	12.219
85.0	63.262	43.452	20.027	11.279	10.845
85.5	55.093	35.861	12.146	9.905	9.544
86.0	47.212	28.631	9.544	8.531	8.242
86.5	39.548	21.835	8.098	7.230	6.941
87.0	32.390	15.183	6.724	6.001	5.712
87.5	25.522	8.025	5.350	4.699	4.555
88.0	19.087	5.061	4.121	3.543	3.326
88.5	13.159	3.760	2.892	2.458	2.314
89.0	8.025	2.458	1.735	1.446	1.374
89.5	3.615	1.301	0.868	0.723	0.578
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 : LRX2X-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 : LRX2X-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 : LRX2X-4-L12-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	815.66	N.A.	16.70
0-30	1660.47	N.A.	34.10
0-40	2587.36	N.A.	53.10
0-60	4142.59	N.A.	85.00
0-80	4835.14	N.A.	99.20
0-90	4876.38	N.A.	100.00
10-90	4659.23	N.A.	95.50
20-40	1771.7	N.A.	36.30
20-50	2634.24	N.A.	54.00
40-70	2020.84	N.A.	41.40
60-80	692.55	N.A.	14.20
70-80	226.94	N.A.	4.70
80-90	41.24	N.A.	0.80
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	4876.38	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	217.15
10-20	598.51
20-30	844.81
30-40	926.89
40-50	862.54
50-60	692.69
60-70	465.61
70-80	226.94
80-90	41.24
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 : LRX2X-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	343	343	343	343	335	335	335	335	320	320	320	307	307	307	294	294	294	288
1	317	305	294	284	309	298	288	279	286	278	270	275	268	262	265	259	255	249
2	291	269	252	237	284	264	248	234	254	240	228	245	233	223	236	227	218	212
3	267	239	218	201	260	235	215	199	227	209	195	219	204	192	212	199	189	183
4	246	214	191	173	240	210	189	172	203	184	169	197	180	167	191	177	165	159
5	228	193	169	151	222	190	167	150	184	164	149	178	161	147	173	158	145	140
6	211	175	151	133	206	172	149	133	167	147	132	163	144	131	158	142	129	124
7	197	160	136	119	192	157	135	119	153	133	118	149	131	117	145	129	116	111
8	184	147	123	107	179	145	122	107	141	121	106	137	119	106	134	118	105	100
9	172	135	113	97	168	134	112	97	130	110	97	127	109	96	124	108	96	91
10	162	125	103	89	158	124	103	89	121	102	88	118	101	88	116	99	88	83

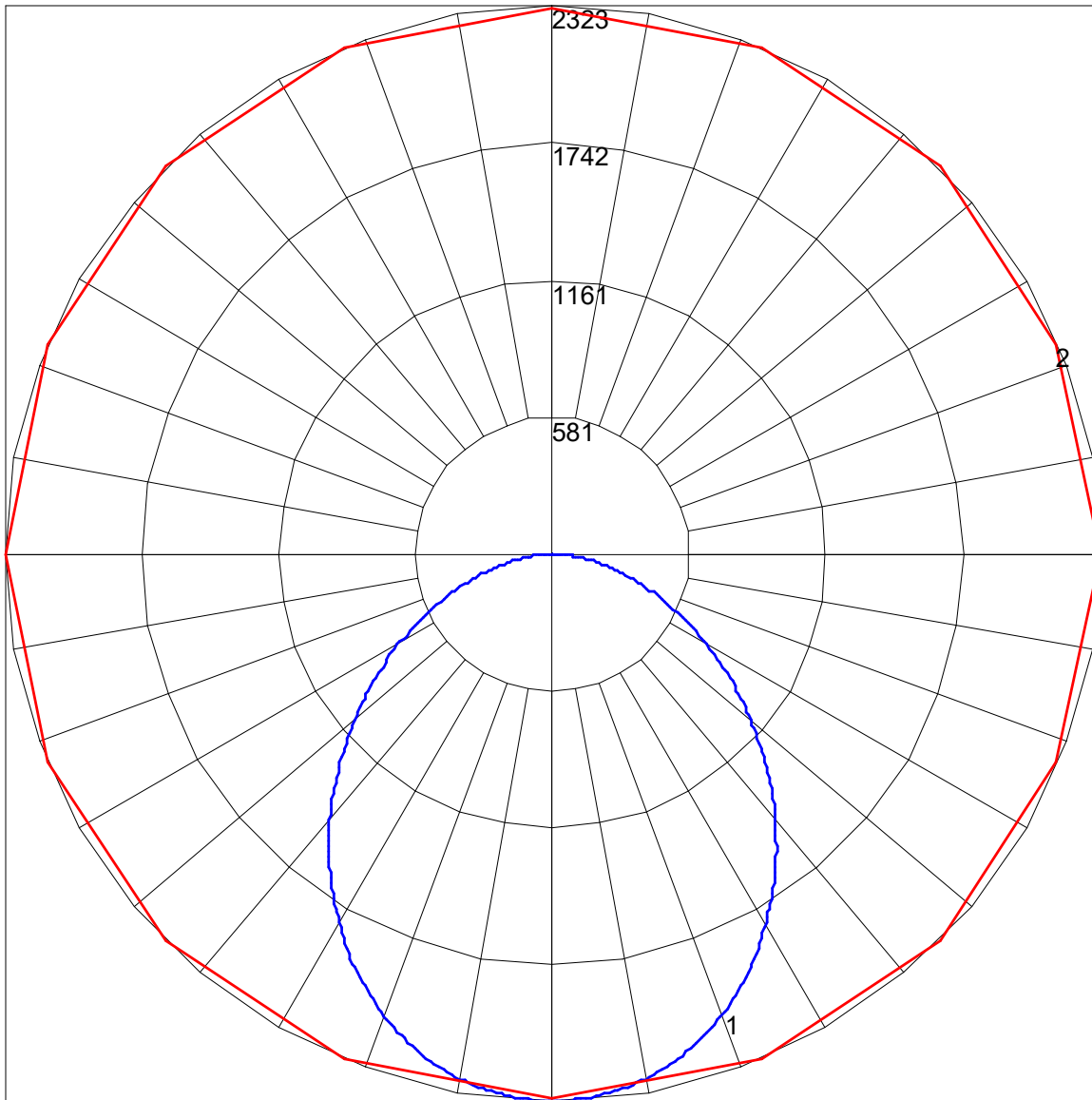
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-835-DMA-DIM-UNV_.IES

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					UGR Viewed Endwise				
X=2H	Y=2H	19.7	21.3	20.1	21.6	21.9	17.6	19.1	18.0	19.5	19.8
	3H	21.3	22.7	21.7	23.0	23.4	18.9	20.3	19.2	20.6	20.9
	4H	21.9	23.2	22.3	23.5	23.9	19.2	20.5	19.6	20.9	21.3
	6H	22.3	23.5	22.7	23.8	24.2	19.4	20.6	19.8	21.0	21.4
	8H	22.4	23.5	22.8	23.9	24.3	19.4	20.6	19.9	21.0	21.4
	12H	22.4	23.5	22.8	23.9	24.3	19.4	20.5	19.8	20.9	21.3
4H	2H	20.0	21.3	20.4	21.7	22.1	18.3	19.6	18.7	19.9	20.3
	3H	21.9	22.9	22.3	23.3	23.7	19.8	20.8	20.2	21.2	21.6
	4H	22.6	23.5	23.0	23.9	24.4	20.2	21.2	20.6	21.6	22.0
	6H	23.0	23.9	23.5	24.3	24.8	20.4	21.3	20.9	21.7	22.2
	8H	23.2	24.0	23.6	24.4	24.9	20.5	21.3	20.9	21.7	22.2
	12H	23.3	24.0	23.7	24.4	24.9	20.4	21.2	20.9	21.6	22.1
8H	4H	22.6	23.4	23.1	23.9	24.3	20.5	21.3	21.0	21.7	22.2
	6H	23.2	23.9	23.7	24.3	24.8	20.8	21.5	21.3	21.9	22.4
	8H	23.4	24.0	23.9	24.5	25.0	20.8	21.4	21.4	21.9	22.4
	12H	23.5	24.0	24.0	24.5	25.1	20.8	21.3	21.3	21.8	22.4
12H	4H	22.6	23.3	23.1	23.8	24.3	20.5	21.2	21.0	21.7	22.2
	6H	23.2	23.8	23.7	24.2	24.8	20.9	21.4	21.4	21.9	22.4
	8H	23.4	23.9	23.9	24.4	25.0	20.9	21.4	21.4	21.9	22.5

Maximum UGR = 25.1

POLAR GRAPH



Maximum Candela = 2322.999 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.)