

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-927-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L15-927-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' 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	4803
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	51.2
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)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11716	10387	9195
55	10255	8864	7529
65	8726	7291	6057
75	7006	5475	4459
85	4537	2812	2152

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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	2224.856	2224.856	2224.856	2224.856	2224.856
0.5	2235.733	2220.022	2225.460	2223.648	2222.439
1.0	2235.129	2219.418	2224.856	2223.043	2221.835
1.5	2234.524	2218.209	2224.252	2221.835	2220.626
2.0	2233.316	2217.605	2222.439	2219.418	2220.022
2.5	2232.712	2216.397	2221.231	2218.209	2217.605
3.0	2230.899	2214.584	2219.418	2215.188	2214.584
3.5	2229.690	2212.771	2217.001	2212.771	2211.563
4.0	2226.669	2210.354	2214.584	2209.750	2207.937
4.5	2225.460	2207.937	2211.563	2206.124	2203.707
5.0	2222.439	2205.520	2207.937	2202.499	2200.082
5.5	2221.231	2201.895	2204.312	2197.665	2194.644
6.0	2215.792	2198.873	2200.082	2192.831	2189.810
6.5	2212.771	2195.852	2195.248	2187.393	2183.767
7.0	2209.146	2191.622	2191.018	2181.954	2178.329
7.5	2205.520	2187.393	2185.580	2175.912	2171.682
8.0	2201.290	2182.559	2180.746	2169.265	2164.431
8.5	2197.061	2178.329	2175.308	2162.014	2157.180
9.0	2192.227	2173.495	2168.661	2154.763	2149.929
9.5	2186.788	2167.452	2162.618	2146.908	2141.469
10.0	2182.559	2162.014	2155.367	2139.657	2133.614
10.5	2175.912	2155.971	2148.720	2131.801	2125.155
11.0	2169.869	2149.929	2140.865	2122.738	2116.695
11.5	2163.827	2143.282	2133.010	2113.674	2106.423
12.0	2157.180	2136.635	2125.155	2104.006	2096.755
12.5	2149.325	2128.780	2116.695	2094.338	2085.878
13.0	2142.678	2121.529	2107.631	2084.065	2075.606
13.5	2136.031	2113.674	2098.568	2073.793	2065.334
14.0	2127.572	2105.819	2089.504	2062.312	2053.249
14.5	2120.321	2096.755	2079.231	2051.436	2041.768
15.0	2111.861	2088.295	2068.959	2039.955	2029.683
15.5	2103.402	2079.231	2058.687	2027.870	2017.598
16.0	2094.338	2070.168	2047.810	2015.785	2004.304
16.5	2085.878	2061.104	2036.934	2003.096	1991.615
17.0	2076.210	2050.832	2025.453	1990.406	1977.717
17.5	2067.146	2040.559	2014.577	1977.113	1963.819
18.0	2056.874	2030.891	2002.491	1963.819	1949.922
18.5	2047.810	2020.015	1990.406	1949.922	1934.815
19.0	2036.934	2009.138	1977.717	1935.419	1919.709
19.5	2026.662	1998.262	1965.028	1921.522	1904.603
20.0	2015.785	1986.781	1951.734	1907.020	1889.496
20.5	2004.908	1975.300	1938.441	1891.913	1873.786
21.0	1993.428	1963.819	1925.147	1876.807	1857.471
21.5	1982.551	1951.130	1911.249	1861.096	1841.760
22.0	1970.466	1939.045	1896.747	1845.386	1826.050
22.5	1958.381	1926.356	1882.245	1829.675	1809.131
23.0	1946.900	1914.271	1868.347	1812.756	1792.212
23.5	1934.815	1900.977	1853.241	1796.441	1775.293
24.0	1922.126	1887.684	1838.135	1780.127	1757.769
24.5	1909.437	1874.390	1822.424	1763.208	1740.850
25.0	1896.143	1861.096	1807.318	1746.289	1723.327
25.5	1882.245	1846.594	1791.607	1728.765	1704.595
26.0	1868.952	1832.697	1774.688	1711.242	1686.468
26.5	1855.658	1818.195	1758.978	1693.719	1667.736

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CANDELA TABULATION - (Cont.)

27.0	1841.156	1803.693	1742.059	1675.591	1649.608
27.5	1826.050	1788.586	1725.744	1657.464	1631.481
28.0	1812.152	1774.084	1708.825	1638.732	1612.145
28.5	1797.650	1758.978	1692.510	1620.604	1593.413
29.0	1783.148	1743.872	1675.591	1601.872	1575.285
29.5	1766.229	1728.161	1658.068	1583.141	1555.949
30.0	1749.914	1711.846	1640.544	1564.409	1537.217
30.5	1734.808	1696.136	1623.625	1546.281	1517.881
31.0	1719.097	1680.425	1606.102	1527.549	1498.545
31.5	1703.991	1664.110	1588.579	1508.213	1479.209
32.0	1687.072	1647.795	1570.451	1489.481	1460.477
32.5	1671.361	1630.876	1552.928	1470.145	1440.537
33.0	1655.047	1614.562	1534.196	1451.414	1421.805
33.5	1638.732	1597.643	1517.277	1432.077	1401.261
34.0	1623.021	1580.723	1498.545	1413.346	1382.529
34.5	1606.706	1564.409	1480.418	1394.614	1363.797
35.0	1590.392	1546.885	1461.686	1375.278	1344.461
35.5	1573.472	1529.362	1443.558	1357.150	1324.521
36.0	1557.762	1512.443	1425.431	1337.814	1306.393
36.5	1540.843	1494.920	1406.699	1319.082	1287.057
37.0	1523.320	1477.396	1389.176	1300.351	1268.929
37.5	1506.400	1459.873	1371.048	1281.014	1249.593
38.0	1489.481	1441.746	1352.316	1262.283	1230.257
38.5	1471.958	1424.826	1334.189	1243.551	1211.525
39.0	1453.831	1406.699	1316.061	1224.819	1192.794
39.5	1436.911	1389.176	1297.329	1206.087	1174.062
40.0	1419.388	1371.048	1279.202	1188.564	1155.934
40.5	1400.656	1353.525	1260.470	1169.832	1136.598
41.0	1383.133	1335.397	1242.342	1151.100	1116.658
41.5	1365.610	1317.874	1224.215	1132.368	1097.926
42.0	1346.878	1299.746	1206.087	1113.032	1078.590
42.5	1327.542	1281.014	1187.960	1094.905	1059.858
43.0	1309.414	1262.887	1169.832	1074.964	1041.126
43.5	1291.891	1245.364	1151.705	1056.233	1023.603
44.0	1272.555	1227.236	1133.577	1038.709	1005.475
44.5	1254.427	1209.108	1113.637	1020.582	987.348
45.0	1235.696	1191.585	1095.509	1003.058	969.825
45.5	1216.964	1172.853	1076.777	985.535	951.697
46.0	1198.836	1155.330	1059.254	968.012	934.174
46.5	1180.709	1137.202	1041.731	951.093	917.255
47.0	1161.977	1119.075	1024.207	933.569	899.731
47.5	1143.245	1099.739	1007.288	916.650	882.812
48.0	1125.117	1081.007	990.369	899.731	865.289
48.5	1106.386	1063.484	972.846	882.812	848.370
49.0	1086.445	1045.356	955.927	865.893	832.055
49.5	1068.922	1028.437	939.612	848.974	815.740
50.0	1050.794	1010.914	922.693	832.659	799.426
50.5	1033.875	993.390	905.774	816.345	783.111
51.0	1015.748	976.471	888.855	799.426	766.796
51.5	998.224	958.948	872.540	783.715	751.085
52.0	981.305	941.425	855.621	767.400	735.375
52.5	963.782	924.506	839.306	751.690	720.269
53.0	946.259	907.587	822.991	735.979	705.162
53.5	928.735	890.668	807.281	720.269	689.452
54.0	911.816	873.749	790.362	705.162	674.345
54.5	894.293	857.434	774.651	689.452	659.239

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CANDELA TABULATION - (Cont.)

55.0	877.374	840.515	758.336	674.950	644.133
55.5	859.851	824.200	742.626	659.239	629.631
56.0	842.327	807.281	726.915	644.737	615.129
56.5	825.408	790.966	711.205	630.235	601.533
57.0	807.885	774.651	694.890	615.733	587.212
57.5	790.966	758.941	679.784	601.231	573.254
58.0	774.047	742.626	664.073	586.970	559.537
58.5	757.128	726.311	648.363	572.891	545.821
59.0	740.209	710.600	633.256	559.054	532.225
59.5	723.290	694.890	618.150	545.217	518.992
60.0	706.975	679.179	602.923	531.319	505.819
60.5	690.660	663.469	588.179	517.784	492.647
61.0	674.345	648.363	573.133	504.369	479.716
61.5	658.635	632.652	558.510	490.834	466.966
62.0	642.320	616.941	543.766	477.903	454.639
62.5	626.609	602.016	529.506	464.912	442.071
63.0	610.899	587.091	515.306	451.981	429.744
63.5	595.490	572.166	501.106	438.929	417.297
64.0	580.505	557.362	487.269	426.360	405.332
64.5	565.036	542.558	473.311	413.852	393.429
65.0	550.051	528.056	459.594	401.344	381.827
65.5	535.186	513.373	445.757	389.078	369.984
66.0	520.382	498.810	432.403	377.114	358.382
66.5	505.699	484.429	418.988	364.968	346.659
67.0	490.834	470.169	405.755	352.944	335.420
67.5	475.969	455.908	392.703	341.342	324.181
68.0	461.709	441.890	379.531	329.680	312.821
68.5	447.147	427.992	366.660	318.199	301.884
69.0	432.705	414.094	353.910	306.779	291.008
69.5	418.686	400.257	341.463	295.479	280.433
70.0	404.486	386.480	328.774	284.421	269.738
70.5	390.468	372.944	316.326	273.424	259.405
71.0	376.449	359.530	304.241	262.729	248.952
71.5	362.733	345.995	292.156	252.094	238.861
72.0	349.076	332.822	280.192	241.520	228.770
72.5	335.481	319.770	268.288	231.187	218.981
73.0	322.248	306.900	256.626	220.794	209.373
73.5	309.015	293.848	245.145	210.884	199.766
74.0	296.023	281.038	233.785	200.914	190.219
74.5	283.153	268.469	222.546	191.246	181.155
75.0	270.463	256.082	211.367	181.517	172.151
75.5	258.016	243.937	200.551	172.272	163.208
76.0	245.870	231.912	189.977	163.027	154.568
76.5	233.664	219.887	179.402	154.145	146.108
77.0	222.123	208.165	169.251	145.262	137.709
77.5	210.401	196.624	159.160	136.682	129.491
78.0	198.739	185.264	149.190	128.283	121.696
78.5	187.197	174.025	139.643	120.125	113.781
79.0	176.200	163.208	130.277	112.089	106.167
79.5	165.384	152.211	121.153	104.052	98.735
80.0	154.628	141.697	112.089	96.499	91.544
80.5	143.933	131.244	103.267	89.006	84.414
81.0	133.600	121.092	94.807	81.876	77.646
81.5	123.388	111.243	86.529	74.806	70.939
82.0	113.539	101.273	78.674	67.918	64.292
82.5	103.931	91.846	70.939	61.211	57.948

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CANDELA TABULATION - (Cont.)

83.0	94.445	82.541	63.446	54.685	51.482
83.5	85.079	73.658	56.377	48.280	45.319
84.0	76.136	64.957	49.488	41.996	39.337
84.5	67.314	56.739	42.902	36.013	33.596
85.0	58.975	48.824	36.557	30.394	27.977
85.5	50.878	41.210	30.515	24.653	21.934
86.0	43.264	33.959	25.076	18.732	15.288
86.5	35.711	27.433	19.819	11.843	9.426
87.0	28.762	21.270	14.139	7.493	6.707
87.5	22.297	15.831	8.157	5.740	5.257
88.0	16.315	10.816	5.136	4.411	4.109
88.5	11.239	6.043	3.807	3.203	2.840
89.0	7.070	3.021	2.538	2.054	1.813
89.5	3.505	1.631	1.390	1.027	0.906
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-L15-927-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-L15-927-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-L15-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	790.29	N.A.	16.50
0-30	1619.95	N.A.	33.70
0-40	2533.88	N.A.	52.80
0-60	4060.64	N.A.	84.50
0-80	4753.46	N.A.	99.00
0-90	4803.2	N.A.	100.00
10-90	4594.26	N.A.	95.60
20-40	1743.59	N.A.	36.30
20-50	2591.1	N.A.	53.90
40-70	1987.14	N.A.	41.40
60-80	692.81	N.A.	14.40
70-80	232.44	N.A.	4.80
80-90	49.74	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	4803.2	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	208.95
10-20	581.34
20-30	829.66
30-40	913.93
40-50	847.51
50-60	679.25
60-70	460.37
70-80	232.44
80-90	49.74
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-L15-927-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	52	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-4-L15-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

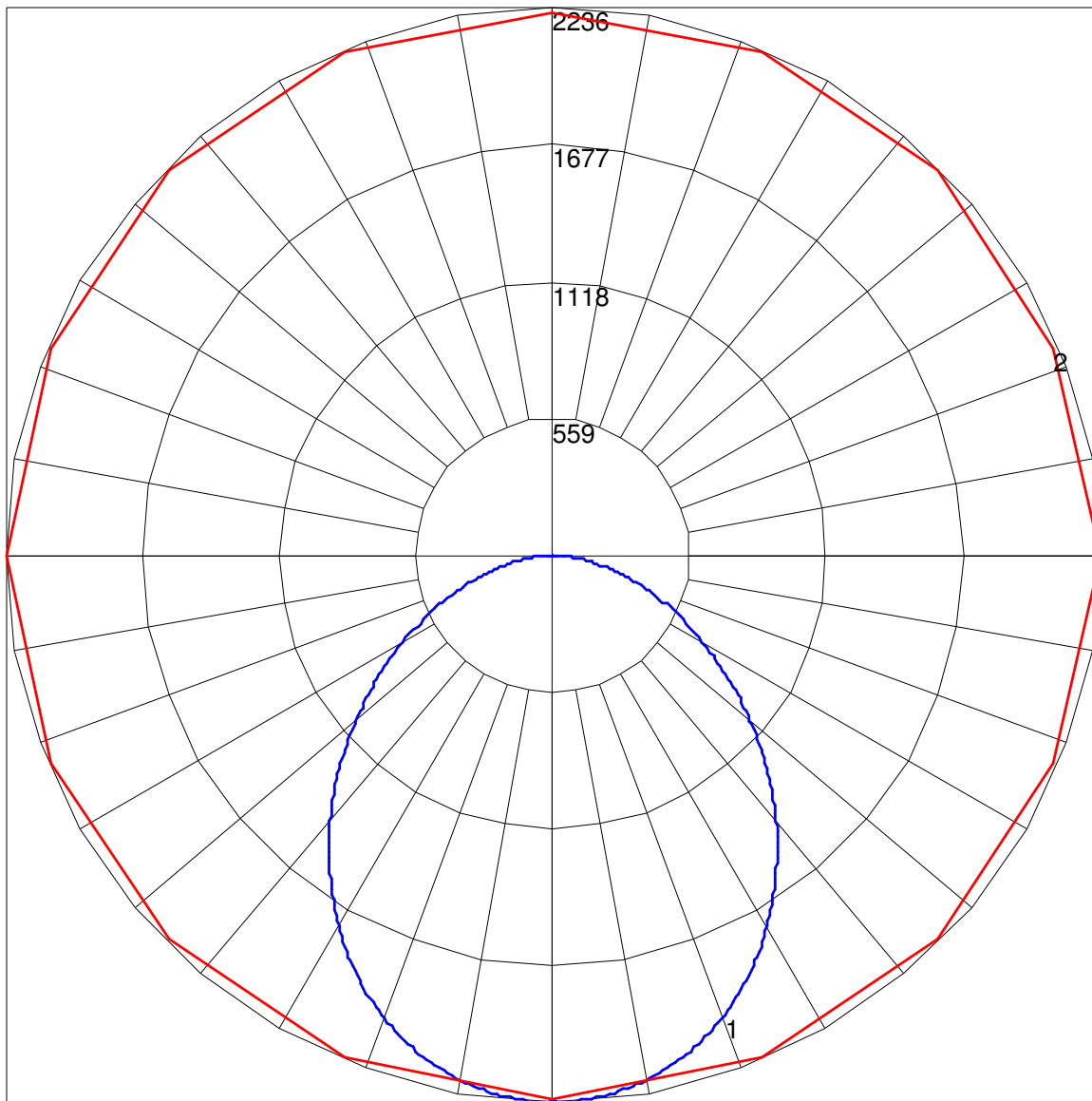
Reflectances

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	20.0	21.6	20.4	21.9	22.2	18.3	19.8	18.7	20.1	20.5
	3H	21.6	23.0	22.0	23.3	23.7	19.6	21.0	20.0	21.3	21.7
	4H	22.2	23.5	22.6	23.8	24.2	20.1	21.4	20.5	21.7	22.1
	6H	22.5	23.7	23.0	24.1	24.5	20.3	21.5	20.7	21.9	22.3
	8H	22.6	23.8	23.1	24.2	24.6	20.4	21.5	20.8	21.9	22.3
	12H	22.7	23.8	23.1	24.2	24.6	20.4	21.5	20.8	21.9	22.3
4H	2H	20.4	21.7	20.8	22.0	22.4	19.0	20.3	19.4	20.6	21.0
	3H	22.2	23.3	22.6	23.7	24.1	20.5	21.6	20.9	22.0	22.4
	4H	22.9	23.8	23.3	24.3	24.7	21.0	22.0	21.5	22.4	22.9
	6H	23.4	24.2	23.8	24.7	25.1	21.4	22.2	21.8	22.7	23.1
	8H	23.5	24.3	24.0	24.8	25.2	21.5	22.2	21.9	22.7	23.2
	12H	23.6	24.3	24.1	24.8	25.3	21.5	22.2	22.0	22.7	23.1
8H	4H	23.0	23.8	23.5	24.2	24.7	21.3	22.1	21.8	22.6	23.0
	6H	23.6	24.2	24.1	24.7	25.2	21.8	22.4	22.2	22.9	23.4
	8H	23.8	24.4	24.3	24.9	25.4	21.9	22.5	22.4	23.0	23.5
	12H	23.9	24.5	24.4	24.9	25.5	21.9	22.5	22.5	23.0	23.5
12H	4H	23.0	23.7	23.5	24.2	24.7	21.4	22.1	21.8	22.5	23.0
	6H	23.6	24.2	24.1	24.7	25.2	21.8	22.4	22.3	22.9	23.4
	8H	23.8	24.3	24.3	24.8	25.4	22.0	22.5	22.5	23.0	23.5

Maximum UGR = 25.5

POLAR GRAPH



Maximum Candela = 2235.733 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.)