

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-827-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-4-L12-827-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	4675
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
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)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11404	10111	8951
55	9983	8628	7329
65	8494	7097	5896
75	6820	5330	4341
85	4416	2737	2095

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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	2165.659	2165.659	2165.659	2165.659	2165.659
0.5	2176.246	2160.953	2166.247	2164.482	2163.306
1.0	2175.658	2160.365	2165.659	2163.894	2162.718
1.5	2175.070	2159.189	2165.071	2162.718	2161.542
2.0	2173.893	2158.601	2163.306	2160.365	2160.953
2.5	2173.305	2157.424	2162.130	2159.189	2158.601
3.0	2171.541	2155.660	2160.365	2156.248	2155.660
3.5	2170.364	2153.895	2158.013	2153.895	2152.719
4.0	2167.423	2151.543	2155.660	2150.954	2149.190
4.5	2166.247	2149.190	2152.719	2147.425	2145.073
5.0	2163.306	2146.837	2149.190	2143.896	2141.544
5.5	2162.130	2143.308	2145.661	2139.191	2136.250
6.0	2156.836	2140.367	2141.544	2134.486	2131.545
6.5	2153.895	2137.426	2136.838	2129.192	2125.663
7.0	2150.366	2133.309	2132.721	2123.898	2120.369
7.5	2146.837	2129.192	2127.427	2118.017	2113.899
8.0	2142.720	2124.487	2122.722	2111.547	2106.841
8.5	2138.603	2120.369	2117.428	2104.489	2099.783
9.0	2133.897	2115.664	2110.959	2097.431	2092.725
9.5	2128.604	2109.782	2105.077	2089.784	2084.491
10.0	2124.487	2104.489	2098.019	2082.726	2076.844
10.5	2118.017	2098.607	2091.549	2075.080	2068.610
11.0	2112.135	2092.725	2083.903	2066.257	2060.376
11.5	2106.253	2086.255	2076.256	2057.435	2050.377
12.0	2099.783	2079.785	2068.610	2048.024	2040.966
12.5	2092.137	2072.139	2060.376	2038.613	2030.379
13.0	2085.667	2065.081	2051.553	2028.614	2020.380
13.5	2079.197	2057.435	2042.730	2018.615	2010.381
14.0	2070.963	2049.788	2033.908	2007.440	1998.617
14.5	2063.905	2040.966	2023.909	1996.853	1987.442
15.0	2055.670	2032.731	2013.910	1985.677	1975.678
15.5	2047.436	2023.909	2003.911	1973.914	1963.915
16.0	2038.613	2015.086	1993.324	1962.150	1950.975
16.5	2030.379	2006.263	1982.737	1949.799	1938.623
17.0	2020.968	1996.265	1971.561	1937.447	1925.095
17.5	2012.145	1986.266	1960.974	1924.507	1911.567
18.0	2002.146	1976.855	1949.211	1911.567	1898.039
18.5	1993.324	1966.268	1937.447	1898.039	1883.335
19.0	1982.737	1955.680	1925.095	1883.923	1868.631
19.5	1972.738	1945.093	1912.744	1870.395	1853.926
20.0	1962.150	1933.918	1899.804	1856.279	1839.222
20.5	1951.563	1922.743	1886.864	1841.575	1823.929
21.0	1940.388	1911.567	1873.924	1826.870	1808.049
21.5	1929.801	1899.216	1860.396	1811.578	1792.756
22.0	1918.037	1887.452	1846.280	1796.285	1777.464
22.5	1906.274	1875.101	1832.164	1780.993	1760.995
23.0	1895.099	1863.337	1818.636	1764.524	1744.526
23.5	1883.335	1850.397	1803.931	1748.643	1728.057
24.0	1870.983	1837.457	1789.227	1732.762	1711.000
24.5	1858.632	1824.518	1773.935	1716.293	1694.531
25.0	1845.692	1811.578	1759.230	1699.825	1677.474
25.5	1832.164	1797.462	1743.938	1682.767	1659.240
26.0	1819.224	1783.934	1727.469	1665.710	1641.595
26.5	1806.284	1769.817	1712.176	1648.653	1623.362

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CANDELA TABULATION - (Cont.)

27.0	1792.168	1755.701	1695.707	1631.008	1605.717
27.5	1777.464	1740.997	1679.827	1613.363	1588.071
28.0	1763.936	1726.881	1663.358	1595.129	1569.250
28.5	1749.819	1712.176	1647.477	1577.484	1551.016
29.0	1735.703	1697.472	1631.008	1559.251	1533.371
29.5	1719.234	1682.179	1613.951	1541.017	1514.550
30.0	1703.354	1666.299	1596.894	1522.784	1496.316
30.5	1688.649	1651.006	1580.425	1505.139	1477.495
31.0	1673.357	1635.714	1563.368	1486.905	1458.673
31.5	1658.652	1619.833	1546.311	1468.084	1439.851
32.0	1642.183	1603.952	1528.666	1449.850	1421.618
32.5	1626.891	1587.483	1511.609	1431.029	1402.208
33.0	1611.010	1571.602	1493.375	1412.795	1383.975
33.5	1595.129	1555.134	1476.906	1393.974	1363.977
34.0	1579.837	1538.665	1458.673	1375.740	1345.743
34.5	1563.956	1522.784	1441.028	1357.507	1327.510
35.0	1548.075	1505.727	1422.794	1338.685	1308.688
35.5	1531.607	1488.670	1405.149	1321.040	1289.279
36.0	1516.314	1472.201	1387.504	1302.219	1271.633
36.5	1499.845	1455.144	1369.270	1283.985	1252.812
37.0	1482.788	1438.087	1352.213	1265.752	1235.167
37.5	1466.319	1421.030	1334.568	1246.930	1216.345
38.0	1449.850	1403.385	1316.335	1228.697	1197.523
38.5	1432.793	1386.916	1298.689	1210.463	1179.290
39.0	1415.148	1369.270	1281.044	1192.230	1161.057
39.5	1398.679	1352.213	1262.811	1173.996	1142.823
40.0	1381.622	1334.568	1245.166	1156.939	1125.178
40.5	1363.389	1317.511	1226.932	1138.706	1106.356
41.0	1346.332	1299.866	1209.287	1120.473	1086.947
41.5	1329.275	1282.809	1191.642	1102.239	1068.713
42.0	1311.041	1265.164	1173.996	1083.418	1049.892
42.5	1292.220	1246.930	1156.351	1065.772	1031.658
43.0	1274.574	1229.285	1138.706	1046.363	1013.425
43.5	1257.517	1212.228	1121.061	1028.129	996.368
44.0	1238.696	1194.583	1103.416	1011.072	978.723
44.5	1221.050	1176.937	1084.006	993.427	961.077
45.0	1202.817	1159.880	1066.361	976.370	944.020
45.5	1184.584	1141.647	1048.127	959.313	926.375
46.0	1166.938	1124.590	1031.070	942.256	909.318
46.5	1149.293	1106.945	1014.013	925.787	892.849
47.0	1131.060	1089.299	996.956	908.730	875.792
47.5	1112.826	1070.478	980.487	892.261	859.323
48.0	1095.181	1052.244	964.018	875.792	842.266
48.5	1076.948	1035.187	946.961	859.323	825.797
49.0	1057.538	1017.542	930.492	842.854	809.916
49.5	1040.481	1001.073	914.611	826.385	794.036
50.0	1022.836	984.016	898.143	810.505	778.155
50.5	1006.367	966.959	881.674	794.624	762.274
51.0	988.721	950.490	865.205	778.155	746.394
51.5	971.664	933.433	849.324	762.862	731.101
52.0	955.196	916.376	832.855	746.982	715.808
52.5	938.138	899.907	816.974	731.689	701.104
53.0	921.081	883.438	801.094	716.397	686.400
53.5	904.024	866.969	785.801	701.104	671.107
54.0	887.555	850.500	769.332	686.400	656.403
54.5	870.498	834.620	754.040	671.107	641.698

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CANDELA TABULATION - (Cont.)

55.0	854.029	818.151	738.159	656.991	626.994
55.5	836.972	802.270	722.867	641.698	612.878
56.0	819.915	785.801	707.574	627.582	598.762
56.5	803.446	769.921	692.281	613.466	585.528
57.0	786.389	754.040	676.401	599.350	571.588
57.5	769.921	738.747	661.696	585.234	558.001
58.0	753.452	722.867	646.404	571.353	544.650
58.5	736.983	706.986	631.111	557.648	531.298
59.0	720.514	691.693	616.407	544.179	518.064
59.5	704.045	676.401	601.703	530.710	505.183
60.0	688.164	661.108	586.881	517.182	492.361
60.5	672.284	645.816	572.529	504.007	479.539
61.0	656.403	631.111	557.884	490.949	466.952
61.5	641.110	615.819	543.650	477.774	454.541
62.0	625.230	600.526	529.298	465.187	442.543
62.5	609.937	585.998	515.417	452.542	430.309
63.0	594.645	571.470	501.595	439.955	418.310
63.5	579.646	556.943	487.773	427.250	406.193
64.0	565.059	542.532	474.304	415.016	394.548
64.5	550.002	528.122	460.717	402.841	382.960
65.0	535.415	514.006	447.366	390.666	371.668
65.5	520.946	499.713	433.896	378.726	360.139
66.0	506.536	485.538	420.898	367.080	348.846
66.5	492.243	471.540	407.840	355.257	337.436
67.0	477.774	457.659	394.959	343.553	326.496
67.5	463.305	443.778	382.255	332.260	315.556
68.0	449.424	430.132	369.432	320.908	304.498
68.5	435.249	416.604	356.904	309.733	293.852
69.0	421.192	403.076	344.494	298.616	283.265
69.5	407.546	389.607	332.377	287.617	272.972
70.0	393.724	376.196	320.026	276.854	262.561
70.5	380.078	363.021	307.909	266.149	252.503
71.0	366.433	349.964	296.146	255.738	242.328
71.5	353.081	336.789	284.382	245.386	232.505
72.0	339.788	323.967	272.737	235.093	222.683
72.5	326.555	311.262	261.150	225.036	213.154
73.0	313.674	298.734	249.798	214.919	203.802
73.5	300.792	286.029	238.622	205.273	194.451
74.0	288.147	273.560	227.565	195.568	185.157
74.5	275.619	261.326	216.625	186.157	176.335
75.0	263.267	249.268	205.743	176.688	167.571
75.5	251.151	237.446	195.215	167.689	158.866
76.0	239.328	225.741	184.922	158.690	150.455
76.5	227.447	214.037	174.629	150.043	142.221
77.0	216.213	202.626	164.748	141.397	134.045
77.5	204.802	191.392	154.925	133.045	126.046
78.0	193.451	180.334	145.220	124.869	118.458
78.5	182.216	169.394	135.927	116.929	110.753
79.0	171.512	158.866	126.810	109.106	103.342
79.5	160.983	148.161	117.929	101.284	96.108
80.0	150.514	137.927	109.106	93.931	89.108
80.5	140.103	127.752	100.519	86.638	82.168
81.0	130.045	117.870	92.285	79.698	75.580
81.5	120.105	108.283	84.227	72.816	69.052
82.0	110.518	98.578	76.580	66.111	62.582
82.5	101.166	89.403	69.052	59.582	56.406

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CANDELA TABULATION - (Cont.)

83.0	91.932	80.345	61.758	53.230	50.112
83.5	82.815	71.698	54.877	46.995	44.113
84.0	74.110	63.229	48.171	40.878	38.290
84.5	65.523	55.230	41.760	35.055	32.703
85.0	57.406	47.525	35.585	29.585	27.232
85.5	49.524	40.114	29.703	23.998	21.351
86.0	42.113	33.055	24.409	18.233	14.881
86.5	34.761	26.703	19.292	11.528	9.176
87.0	27.997	20.704	13.763	7.293	6.529
87.5	21.704	15.410	7.940	5.588	5.117
88.0	15.881	10.528	4.999	4.294	4.000
88.5	10.940	5.882	3.705	3.117	2.764
89.0	6.882	2.941	2.470	2.000	1.765
89.5	3.411	1.588	1.353	1.000	0.882
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-L12-827-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-4-L12-827-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-4-L12-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	769.26	N.A.	16.50
0-30	1576.85	N.A.	33.70
0-40	2466.46	N.A.	52.80
0-60	3952.6	N.A.	84.50
0-80	4626.98	N.A.	99.00
0-90	4675.4	N.A.	100.00
10-90	4472.02	N.A.	95.60
20-40	1697.2	N.A.	36.30
20-50	2522.16	N.A.	53.90
40-70	1934.27	N.A.	41.40
60-80	674.38	N.A.	14.40
70-80	226.26	N.A.	4.80
80-90	48.42	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	4675.4	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	203.39
10-20	565.87
20-30	807.59
30-40	889.61
40-50	824.96
50-60	661.18
60-70	448.12
70-80	226.26
80-90	48.42
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-L12-827-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	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-L12-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

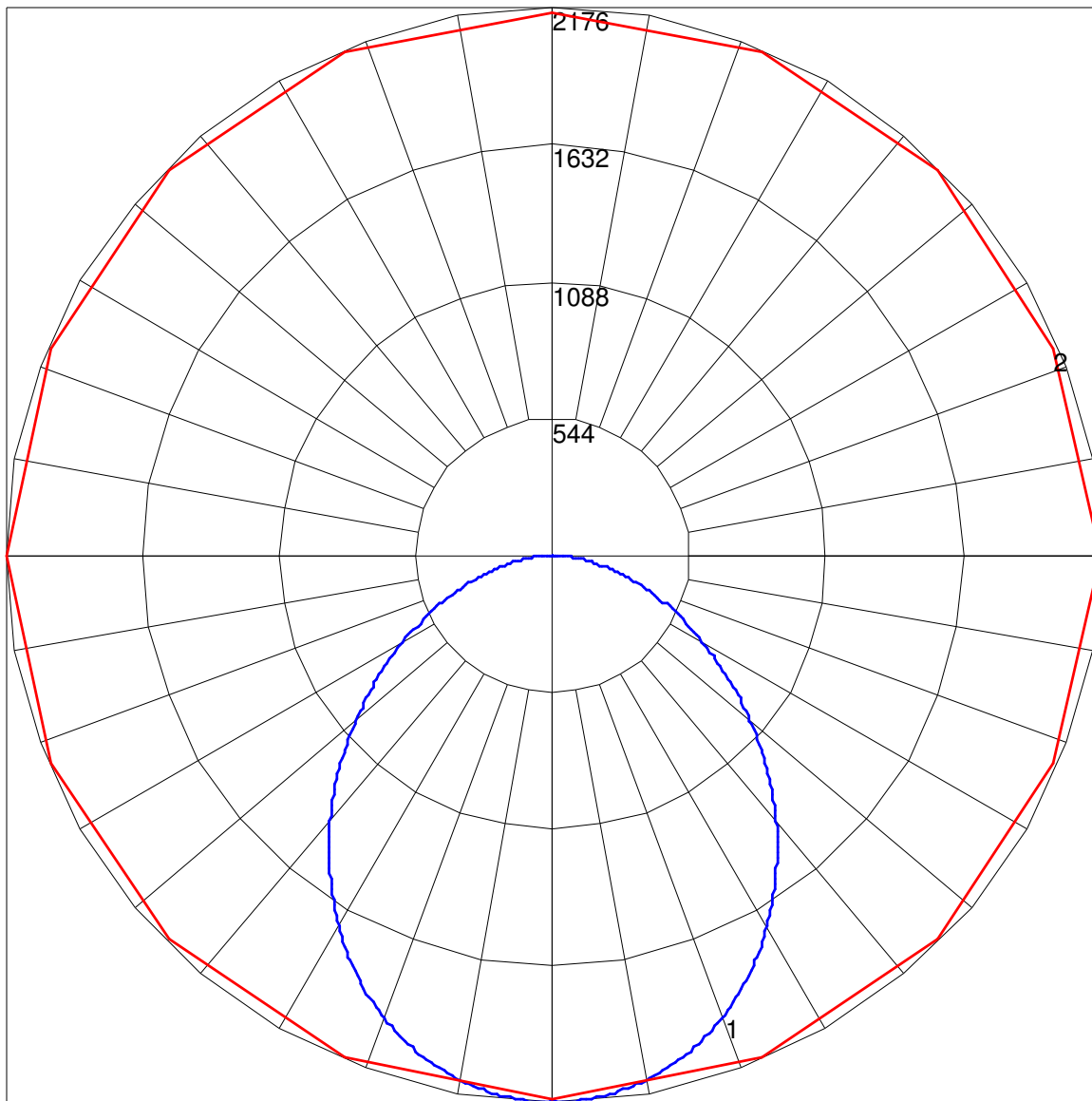
Reflectances

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	19.9	21.5	20.3	21.8	22.1	18.2	19.7	18.6	20.0	20.4
	3H	21.5	22.9	21.9	23.2	23.6	19.5	20.9	19.9	21.2	21.6
	4H	22.1	23.4	22.5	23.7	24.1	20.0	21.3	20.4	21.6	22.0
	6H	22.4	23.6	22.9	24.0	24.4	20.2	21.4	20.6	21.8	22.2
	8H	22.5	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
	12H	22.6	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
4H	2H	20.3	21.6	20.7	21.9	22.3	18.9	20.2	19.3	20.5	20.9
	3H	22.1	23.2	22.5	23.6	24.0	20.4	21.5	20.8	21.9	22.3
	4H	22.8	23.7	23.2	24.2	24.6	20.9	21.9	21.4	22.3	22.8
	6H	23.3	24.1	23.7	24.6	25.0	21.3	22.1	21.7	22.6	23.0
	8H	23.4	24.2	23.9	24.7	25.1	21.4	22.1	21.8	22.6	23.1
	12H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.0
8H	4H	22.9	23.7	23.4	24.1	24.6	21.2	22.0	21.7	22.5	22.9
	6H	23.5	24.1	24.0	24.6	25.1	21.7	22.3	22.1	22.8	23.3
	8H	23.7	24.3	24.2	24.8	25.3	21.8	22.4	22.3	22.9	23.4
	12H	23.8	24.4	24.3	24.8	25.4	21.8	22.4	22.4	22.9	23.4
12H	4H	22.9	23.6	23.4	24.1	24.6	21.3	22.0	21.7	22.4	22.9
	6H	23.5	24.1	24.0	24.6	25.1	21.7	22.3	22.2	22.8	23.3
	8H	23.7	24.2	24.2	24.7	25.3	21.9	22.4	22.4	22.9	23.4

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 2176.246 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.)