

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-935-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-L15-935-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	4983
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
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	12156	10777	9540
55	10640	9196	7811
65	9053	7564	6284
75	7269	5681	4627
85	4707	2918	2233

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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	2308.288	2308.288	2308.288	2308.288	2308.288
0.5	2319.573	2303.273	2308.915	2307.035	2305.781
1.0	2318.946	2302.646	2308.288	2306.408	2305.154
1.5	2318.319	2301.392	2307.662	2305.154	2303.900
2.0	2317.065	2300.766	2305.781	2302.646	2303.273
2.5	2316.438	2299.512	2304.527	2301.392	2300.766
3.0	2314.558	2297.631	2302.646	2298.258	2297.631
3.5	2313.304	2295.750	2300.139	2295.750	2294.496
4.0	2310.169	2293.243	2297.631	2292.616	2290.735
4.5	2308.915	2290.735	2294.496	2288.854	2286.347
5.0	2305.781	2288.227	2290.735	2285.093	2282.585
5.5	2304.527	2284.466	2286.973	2280.077	2276.943
6.0	2298.885	2281.331	2282.585	2275.062	2271.928
6.5	2295.750	2278.197	2277.570	2269.420	2265.658
7.0	2291.989	2273.808	2273.181	2263.778	2260.016
7.5	2288.227	2269.420	2267.539	2257.509	2253.120
8.0	2283.839	2264.405	2262.524	2250.613	2245.597
8.5	2279.451	2260.016	2256.882	2243.090	2238.074
9.0	2274.435	2255.001	2249.986	2235.567	2230.551
9.5	2268.793	2248.732	2243.717	2227.417	2221.775
10.0	2264.405	2243.090	2236.194	2219.894	2213.625
10.5	2257.509	2236.821	2229.298	2211.744	2204.848
11.0	2251.239	2230.551	2221.148	2202.340	2196.071
11.5	2244.970	2223.655	2212.998	2192.937	2185.414
12.0	2238.074	2216.759	2204.848	2182.906	2175.383
12.5	2229.924	2208.609	2196.071	2172.876	2164.099
13.0	2223.028	2201.087	2186.668	2162.218	2153.441
13.5	2216.132	2192.937	2177.264	2151.561	2142.784
14.0	2207.356	2184.787	2167.860	2139.649	2130.246
14.5	2199.833	2175.383	2157.203	2128.365	2118.334
15.0	2191.056	2166.606	2146.545	2116.453	2105.796
15.5	2182.279	2157.203	2135.888	2103.915	2093.258
16.0	2172.876	2147.799	2124.603	2091.377	2079.466
16.5	2164.099	2138.395	2113.319	2078.212	2066.301
17.0	2154.068	2127.738	2101.408	2065.047	2051.882
17.5	2144.665	2117.080	2090.123	2051.255	2037.463
18.0	2134.007	2107.050	2077.585	2037.463	2023.044
18.5	2124.603	2095.765	2065.047	2023.044	2007.371
19.0	2113.319	2084.481	2051.882	2007.998	1991.698
19.5	2102.661	2073.197	2038.716	1993.579	1976.025
20.0	2091.377	2061.285	2024.924	1978.533	1960.353
20.5	2080.093	2049.374	2011.132	1962.860	1944.053
21.0	2068.181	2037.463	1997.340	1947.187	1927.126
21.5	2056.897	2024.297	1982.921	1930.888	1910.826
22.0	2044.359	2011.759	1967.875	1914.588	1894.527
22.5	2031.820	1998.594	1952.830	1898.288	1876.973
23.0	2019.909	1986.056	1938.411	1880.735	1859.420
23.5	2007.371	1972.264	1922.738	1863.808	1841.866
24.0	1994.206	1958.472	1907.065	1846.882	1823.686
24.5	1981.041	1944.680	1890.765	1829.328	1806.132
25.0	1967.249	1930.888	1875.093	1811.774	1787.952
25.5	1952.830	1915.842	1858.793	1793.594	1768.518
26.0	1939.038	1901.423	1841.239	1775.414	1749.710
26.5	1925.245	1886.377	1824.940	1757.233	1730.276

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CANDELA TABULATION - (Cont.)

27.0	1910.200	1871.331	1807.386	1738.426	1711.469
27.5	1894.527	1855.658	1790.459	1719.618	1692.661
28.0	1880.108	1840.612	1772.906	1700.184	1672.600
28.5	1865.062	1824.940	1755.979	1681.377	1653.166
29.0	1850.016	1809.267	1738.426	1661.943	1634.358
29.5	1832.463	1792.967	1720.245	1642.508	1614.297
30.0	1815.536	1776.041	1702.065	1623.074	1594.863
30.5	1799.863	1759.741	1684.511	1604.267	1574.802
31.0	1783.563	1743.441	1666.331	1584.832	1554.741
31.5	1767.891	1726.514	1648.151	1564.771	1534.680
32.0	1750.337	1709.588	1629.343	1545.337	1515.245
32.5	1734.037	1692.034	1611.163	1525.276	1494.557
33.0	1717.111	1675.108	1591.729	1505.842	1475.123
33.5	1700.184	1657.554	1574.175	1485.780	1453.808
34.0	1683.885	1640.001	1554.741	1466.346	1434.374
34.5	1666.958	1623.074	1535.933	1446.912	1414.939
35.0	1650.031	1604.894	1516.499	1426.851	1394.878
35.5	1632.478	1586.713	1497.692	1408.043	1374.190
36.0	1616.178	1569.160	1478.884	1387.982	1355.383
36.5	1598.625	1550.979	1459.450	1368.548	1335.322
37.0	1580.444	1532.799	1441.270	1349.114	1316.514
37.5	1562.891	1514.618	1422.462	1329.053	1296.453
38.0	1545.337	1495.811	1403.028	1309.618	1276.392
38.5	1527.157	1478.258	1384.221	1290.184	1256.958
39.0	1508.349	1459.450	1365.413	1270.750	1237.523
39.5	1490.796	1441.270	1345.979	1251.316	1218.089
40.0	1472.615	1422.462	1327.172	1233.135	1199.282
40.5	1453.181	1404.282	1307.738	1213.701	1179.221
41.0	1435.001	1385.475	1288.930	1194.267	1158.533
41.5	1416.820	1367.294	1270.123	1174.832	1139.098
42.0	1397.386	1348.487	1251.316	1154.771	1119.037
42.5	1377.325	1329.053	1232.508	1135.964	1099.603
43.0	1358.517	1310.245	1213.701	1115.276	1080.169
43.5	1340.337	1292.065	1194.893	1095.841	1061.988
44.0	1320.276	1273.257	1176.086	1077.661	1043.181
44.5	1301.468	1254.450	1155.398	1058.854	1024.374
45.0	1282.034	1236.270	1136.591	1040.673	1006.193
45.5	1262.600	1216.835	1117.156	1022.493	987.386
46.0	1243.793	1198.655	1098.976	1004.312	969.205
46.5	1224.985	1179.848	1080.796	986.759	951.652
47.0	1205.551	1161.040	1062.615	968.578	933.471
47.5	1186.117	1140.979	1045.062	951.025	915.918
48.0	1167.309	1121.545	1027.508	933.471	897.737
48.5	1147.875	1103.364	1009.328	915.918	880.184
49.0	1127.187	1084.557	991.774	898.364	863.257
49.5	1109.007	1067.004	974.848	880.811	846.331
50.0	1090.199	1048.823	957.294	863.884	829.404
50.5	1072.646	1030.643	939.740	846.958	812.477
51.0	1053.838	1013.089	922.187	829.404	795.551
51.5	1035.658	994.909	905.260	813.104	779.251
52.0	1018.104	976.728	887.707	796.178	762.951
52.5	999.924	959.175	870.780	779.878	747.279
53.0	981.744	941.621	853.854	763.578	731.606
53.5	963.563	924.068	837.554	747.279	715.306
54.0	946.010	906.514	820.000	731.606	699.633
54.5	927.829	889.588	803.701	715.306	683.961

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CANDELA TABULATION - (Cont.)

55.0	910.276	872.034	786.774	700.260	668.288
55.5	892.095	855.107	770.474	683.961	653.242
56.0	873.915	837.554	754.175	668.915	638.196
56.5	856.361	820.627	737.875	653.869	624.090
57.0	838.181	803.701	720.948	638.823	609.233
57.5	820.627	787.401	705.276	623.777	594.751
58.0	803.074	770.474	688.976	608.982	580.520
58.5	785.520	753.548	672.676	594.375	566.289
59.0	767.967	737.248	657.003	580.019	552.184
59.5	750.413	720.948	641.331	565.662	538.454
60.0	733.487	704.649	625.532	551.243	524.788
60.5	716.560	688.349	610.236	537.201	511.121
61.0	699.633	672.676	594.626	523.283	497.705
61.5	683.334	656.376	579.454	509.240	484.477
62.0	666.407	640.077	564.158	495.824	471.688
62.5	650.107	624.592	549.363	482.346	458.649
63.0	633.808	609.107	534.630	468.930	445.860
63.5	617.821	593.623	519.898	455.389	432.945
64.0	602.274	578.263	505.541	442.349	420.532
64.5	586.225	562.904	491.060	429.372	408.182
65.0	570.678	547.858	476.829	416.395	396.145
65.5	555.256	532.624	462.473	403.668	383.858
66.0	539.896	517.516	448.618	391.256	371.821
66.5	524.662	502.595	434.700	378.655	359.659
67.0	509.240	487.800	420.971	366.179	347.999
67.5	493.818	473.005	407.430	354.142	336.338
68.0	479.023	458.460	393.763	342.043	324.552
68.5	463.915	444.041	380.410	330.132	313.205
69.0	448.931	429.623	367.182	318.283	301.921
69.5	434.387	415.266	354.268	306.560	290.950
70.0	419.655	400.973	341.103	295.087	279.853
70.5	405.110	386.930	328.188	283.677	269.133
71.0	390.566	373.012	315.650	272.581	258.288
71.5	376.335	358.970	303.112	261.548	247.818
72.0	362.167	345.303	290.699	250.577	237.349
72.5	348.061	331.762	278.349	239.856	227.193
73.0	334.332	318.408	266.249	229.073	217.225
73.5	320.603	304.867	254.338	218.792	207.257
74.0	307.124	291.577	242.552	208.448	197.352
74.5	293.771	278.537	230.892	198.418	187.948
75.0	280.606	265.685	219.294	188.324	178.607
75.5	267.691	253.084	208.072	178.732	169.329
76.0	255.090	240.609	197.101	169.141	160.364
76.5	242.427	228.133	186.130	159.925	151.587
77.0	230.453	215.971	175.598	150.710	142.873
77.5	218.291	203.997	165.129	141.807	134.347
78.0	206.191	192.211	154.784	133.093	126.260
78.5	194.217	180.551	144.879	124.630	118.047
79.0	182.807	169.329	135.162	116.292	110.148
79.5	171.586	157.919	125.696	107.954	102.437
80.0	160.427	147.011	116.292	100.118	94.977
80.5	149.330	136.165	107.139	92.344	87.580
81.0	138.610	125.633	98.362	84.947	80.558
81.5	128.015	115.414	89.774	77.612	73.599
82.0	117.797	105.070	81.624	70.465	66.703
82.5	107.829	95.291	73.599	63.506	60.121

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CANDELA TABULATION - (Cont.)

83.0	97.986	85.636	65.826	56.735	53.413
83.5	88.269	76.421	58.491	50.090	47.018
84.0	78.991	67.393	51.344	43.570	40.812
84.5	69.838	58.867	44.511	37.364	34.856
85.0	61.187	50.654	37.928	31.534	29.026
85.5	52.786	42.755	31.659	25.578	22.757
86.0	44.887	35.232	26.017	19.434	15.861
86.5	37.050	28.462	20.563	12.287	9.780
87.0	29.841	22.067	14.670	7.774	6.959
87.5	23.133	16.425	8.463	5.956	5.454
88.0	16.927	11.222	5.329	4.576	4.263
88.5	11.661	6.269	3.950	3.323	2.946
89.0	7.335	3.135	2.633	2.131	1.881
89.5	3.636	1.693	1.442	1.066	0.940
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-L15-935-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-L15-935-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-L15-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	819.92	N.A.	16.50
0-30	1680.7	N.A.	33.70
0-40	2628.9	N.A.	52.80
0-60	4212.92	N.A.	84.50
0-80	4931.71	N.A.	99.00
0-90	4983.32	N.A.	100.00
10-90	4766.54	N.A.	95.60
20-40	1808.97	N.A.	36.30
20-50	2688.27	N.A.	53.90
40-70	2061.66	N.A.	41.40
60-80	718.79	N.A.	14.40
70-80	241.16	N.A.	4.80
80-90	51.61	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	4983.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	216.78
10-20	603.14
20-30	860.78
30-40	948.20
40-50	879.29
50-60	704.73
60-70	477.63
70-80	241.16
80-90	51.61
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-L15-935-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-L15-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

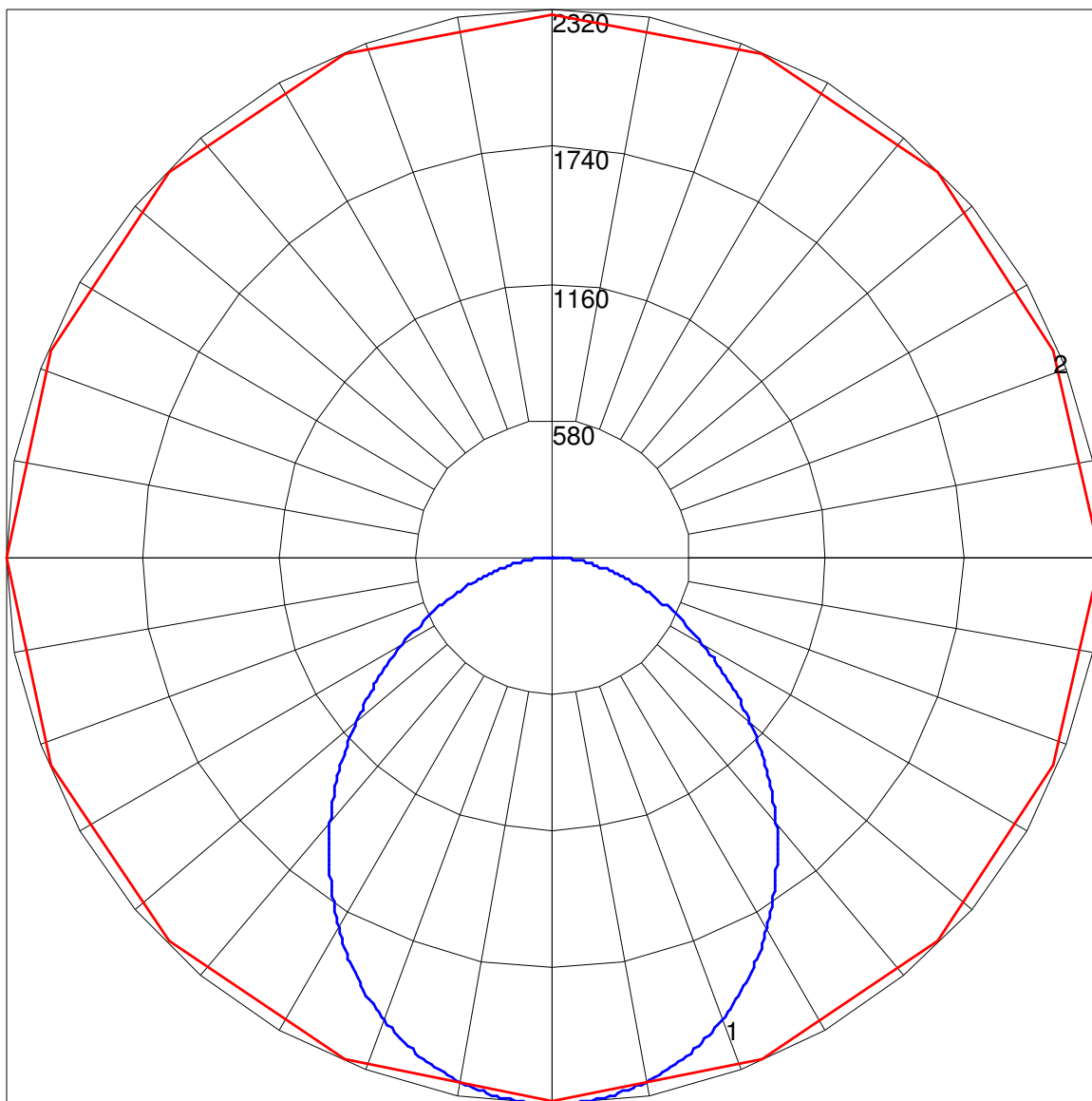
Reflectances

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	20.1	21.7	20.5	22.0	22.3	18.4	19.9	18.8	20.2	20.6
	3H	21.7	23.1	22.1	23.4	23.8	19.7	21.1	20.1	21.4	21.8
	4H	22.3	23.6	22.7	23.9	24.3	20.2	21.5	20.6	21.8	22.2
	6H	22.6	23.8	23.1	24.2	24.6	20.4	21.6	20.8	22.0	22.4
	8H	22.7	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
	12H	22.8	23.9	23.2	24.3	24.7	20.5	21.6	20.9	22.0	22.4
4H	2H	20.5	21.8	20.9	22.1	22.5	19.1	20.4	19.5	20.7	21.1
	3H	22.3	23.4	22.7	23.8	24.2	20.6	21.7	21.0	22.1	22.5
	4H	23.0	23.9	23.4	24.4	24.8	21.1	22.1	21.6	22.5	23.0
	6H	23.5	24.3	23.9	24.8	25.2	21.5	22.3	21.9	22.8	23.2
	8H	23.6	24.4	24.1	24.9	25.3	21.6	22.3	22.0	22.8	23.3
	12H	23.7	24.4	24.2	24.9	25.4	21.6	22.3	22.1	22.8	23.2
8H	4H	23.1	23.9	23.6	24.3	24.8	21.4	22.2	21.9	22.7	23.1
	6H	23.7	24.3	24.2	24.8	25.3	21.9	22.5	22.3	23.0	23.5
	8H	23.9	24.5	24.4	25.0	25.5	22.0	22.6	22.5	23.1	23.6
	12H	24.0	24.6	24.5	25.0	25.6	22.0	22.6	22.6	23.1	23.6
12H	4H	23.1	23.8	23.6	24.3	24.8	21.5	22.2	21.9	22.6	23.1
	6H	23.7	24.3	24.2	24.7	25.3	21.9	22.5	22.4	23.0	23.5
	8H	23.9	24.4	24.4	24.9	25.5	22.1	22.6	22.6	23.1	23.6

Maximum UGR = 25.6

POLAR GRAPH



Maximum Candela = 2319.573 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.)