

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-4-L12-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 4' 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	5022
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
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)	4.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	21450	18571	16200
55	18957	15899	13155
65	16261	12795	10328
75	13046	9123	7087
85	8589	2719	1472

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2388.654	2388.654	2388.654	2388.654	2388.654
0.5	2392.377	2384.931	2390.888	2389.399	2382.698
1.0	2390.888	2384.187	2390.888	2388.654	2381.953
1.5	2390.144	2382.698	2388.654	2386.421	2379.719
2.0	2389.399	2381.953	2387.910	2384.931	2377.486
2.5	2387.910	2380.464	2385.676	2381.953	2375.252
3.0	2386.421	2378.975	2383.442	2378.975	2371.529
3.5	2384.187	2376.741	2379.719	2374.507	2367.806
4.0	2381.953	2373.763	2376.741	2370.784	2362.594
4.5	2379.719	2370.784	2372.273	2365.572	2356.637
5.0	2378.230	2367.806	2368.550	2359.615	2351.425
5.5	2373.763	2364.083	2363.338	2354.403	2345.468
6.0	2370.784	2360.360	2358.126	2347.702	2338.767
6.5	2367.061	2355.892	2352.914	2340.256	2331.321
7.0	2362.594	2350.680	2346.957	2333.555	2322.386
7.5	2358.126	2346.213	2340.256	2324.619	2313.451
8.0	2353.659	2341.000	2333.555	2316.429	2303.771
8.5	2348.446	2335.044	2326.109	2307.494	2295.580
9.0	2342.490	2329.087	2318.663	2297.814	2285.901
9.5	2337.278	2323.875	2310.472	2288.134	2274.732
10.0	2331.321	2317.173	2302.282	2277.710	2263.563
10.5	2326.109	2310.472	2293.347	2266.541	2251.649
11.0	2319.407	2303.026	2283.667	2255.372	2238.247
11.5	2313.451	2296.325	2273.987	2243.459	2227.078
12.0	2308.983	2289.624	2263.563	2231.545	2214.420
12.5	2299.303	2282.178	2253.138	2218.143	2201.762
13.0	2290.368	2273.243	2242.714	2205.485	2187.614
13.5	2282.922	2262.818	2231.545	2192.826	2173.467
14.0	2273.987	2253.138	2219.632	2178.679	2159.320
14.5	2265.052	2242.714	2207.718	2164.532	2144.428
15.0	2256.117	2233.034	2196.549	2150.385	2128.791
15.5	2247.182	2223.355	2184.636	2134.748	2113.155
16.0	2237.502	2212.930	2172.722	2119.856	2098.263
16.5	2228.567	2201.762	2159.320	2104.964	2081.882
17.0	2217.398	2190.593	2144.428	2088.583	2064.756
17.5	2206.974	2179.424	2130.281	2072.947	2048.375
18.0	2197.294	2167.510	2116.133	2056.566	2030.505
18.5	2185.381	2155.597	2101.242	2039.440	2013.380
19.0	2174.212	2143.683	2086.350	2023.804	1996.254
19.5	2163.787	2131.025	2071.458	2005.934	1976.894
20.0	2151.129	2118.367	2056.566	1988.063	1959.024
20.5	2139.960	2106.454	2041.674	1970.938	1941.154
21.0	2128.047	2093.051	2025.293	1953.812	1922.539
21.5	2115.389	2079.648	2008.912	1935.942	1903.924
22.0	2102.731	2066.246	1993.276	1917.327	1885.310
22.5	2090.073	2052.098	1977.639	1898.712	1866.695
23.0	2076.670	2038.696	1960.513	1880.097	1847.335
23.5	2064.012	2024.548	1943.388	1862.227	1827.976
24.0	2049.120	2009.657	1926.262	1842.868	1809.361
24.5	2035.717	1994.765	1908.392	1824.253	1790.002
25.0	2021.570	1979.873	1892.011	1804.893	1770.642
25.5	2007.423	1964.981	1874.141	1785.534	1750.538
26.0	1993.276	1948.600	1856.270	1766.919	1731.179
26.5	1978.384	1933.708	1838.400	1747.560	1711.075

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1962.747	1917.327	1820.530	1728.200	1691.715
27.5	1947.111	1901.691	1801.915	1708.841	1671.611
28.0	1929.985	1885.310	1784.045	1689.482	1651.507
28.5	1912.859	1868.928	1766.175	1670.867	1631.403
29.0	1897.223	1852.547	1746.815	1650.763	1611.299
29.5	1881.587	1835.422	1728.200	1630.659	1590.451
30.0	1864.461	1818.296	1710.330	1611.299	1571.836
30.5	1848.824	1801.915	1691.715	1591.195	1551.732
31.0	1831.699	1784.789	1673.101	1571.091	1532.372
31.5	1816.062	1766.919	1653.741	1551.732	1513.013
32.0	1798.937	1749.049	1635.126	1531.628	1492.909
32.5	1781.811	1731.179	1615.767	1510.779	1472.805
33.0	1765.430	1713.309	1597.152	1491.420	1453.446
33.5	1748.304	1696.183	1578.537	1472.805	1434.086
34.0	1730.434	1677.568	1559.178	1452.701	1413.982
34.5	1713.309	1659.698	1540.563	1433.342	1395.367
35.0	1695.438	1641.828	1521.204	1413.982	1374.519
35.5	1679.057	1623.213	1501.844	1394.623	1354.415
36.0	1661.187	1605.343	1483.229	1374.519	1332.822
36.5	1643.317	1586.728	1463.870	1354.415	1314.207
37.0	1626.191	1568.113	1444.510	1333.566	1294.847
37.5	1607.576	1549.498	1426.640	1314.207	1276.232
38.0	1588.217	1531.628	1407.281	1295.592	1256.873
38.5	1570.347	1512.268	1387.921	1276.977	1238.258
39.0	1553.221	1493.654	1367.073	1257.618	1219.643
39.5	1533.862	1475.039	1346.969	1239.003	1201.029
40.0	1515.991	1456.424	1327.609	1221.133	1182.414
40.5	1497.377	1437.809	1308.995	1201.773	1163.799
41.0	1477.273	1419.194	1290.380	1183.903	1145.184
41.5	1458.658	1399.835	1271.020	1165.288	1127.314
42.0	1439.298	1380.475	1253.150	1147.418	1108.699
42.5	1419.939	1360.371	1233.791	1128.803	1090.829
43.0	1401.324	1339.523	1216.665	1110.933	1072.214
43.5	1381.220	1320.908	1198.050	1093.063	1053.599
44.0	1360.371	1302.293	1179.435	1075.192	1034.984
44.5	1338.778	1282.934	1161.565	1057.322	1016.369
45.0	1320.163	1264.319	1142.950	1039.452	997.010
45.5	1301.549	1245.704	1125.080	1021.582	978.395
46.0	1282.189	1227.089	1106.465	1002.967	960.525
46.5	1262.830	1208.474	1088.595	985.097	941.910
47.0	1243.470	1189.860	1071.469	966.482	924.040
47.5	1224.856	1171.245	1053.599	948.612	906.170
48.0	1205.496	1152.630	1035.729	929.997	888.299
48.5	1186.881	1134.760	1017.859	912.126	870.429
49.0	1168.266	1116.145	1000.733	894.256	852.559
49.5	1148.907	1097.530	982.863	876.386	835.433
50.0	1131.037	1079.660	965.737	859.260	819.052
50.5	1112.422	1061.045	948.612	841.390	801.927
51.0	1093.807	1043.175	931.486	824.264	784.801
51.5	1075.192	1025.305	914.360	807.139	768.420
52.0	1056.578	1007.434	897.235	790.013	752.039
52.5	1038.707	989.564	880.109	773.632	735.509
53.0	1020.092	972.438	862.983	756.507	718.905
53.5	1001.478	954.568	845.858	740.051	703.864
54.0	982.863	936.698	828.732	723.596	687.557
54.5	964.993	918.828	810.862	707.438	671.921

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	946.378	901.702	793.736	690.982	656.731
55.5	928.508	884.577	776.611	675.122	641.541
56.0	909.893	867.451	758.740	659.188	626.203
56.5	892.022	849.581	741.912	643.701	610.790
57.0	873.408	833.200	725.010	628.064	596.047
57.5	856.282	816.074	708.108	612.800	581.155
58.0	838.412	798.948	691.280	597.610	566.784
58.5	819.797	781.823	674.825	582.570	552.190
59.0	802.671	764.697	658.220	567.752	537.745
59.5	784.801	748.316	641.765	552.935	523.747
60.0	767.675	731.488	625.607	538.564	510.046
60.5	749.805	715.107	609.747	523.970	496.122
61.0	732.531	698.652	593.887	509.525	482.571
61.5	715.256	682.271	578.028	495.378	469.391
62.0	698.056	665.890	562.242	481.826	456.063
62.5	681.228	649.881	546.606	468.051	442.809
63.0	664.400	633.947	531.193	454.351	430.002
63.5	647.945	618.161	515.780	440.874	417.493
64.0	630.968	602.301	500.664	427.620	404.612
64.5	614.438	586.665	485.624	414.440	392.177
65.0	598.132	570.954	470.657	401.485	379.891
65.5	581.751	555.392	455.840	388.529	367.606
66.0	565.667	540.202	441.171	375.945	355.469
66.5	549.733	524.864	426.801	363.212	343.630
67.0	533.575	509.525	412.281	350.778	331.865
67.5	517.716	494.410	398.208	338.492	320.026
68.0	502.154	478.997	383.912	326.281	308.485
68.5	486.517	463.509	370.212	314.367	297.018
69.0	471.030	447.724	356.511	302.379	285.700
69.5	455.616	432.385	342.960	290.689	274.680
70.0	440.129	416.972	329.557	279.148	263.363
70.5	424.790	401.559	316.303	267.681	252.640
71.0	409.526	386.369	303.198	256.289	241.769
71.5	394.709	371.403	290.317	245.194	230.898
72.0	380.115	356.586	277.659	234.026	220.251
72.5	365.148	342.140	265.150	223.155	209.752
73.0	350.629	327.621	252.864	212.358	199.551
73.5	336.035	313.176	240.801	201.636	189.201
74.0	321.962	299.252	228.888	191.360	179.298
74.5	307.815	285.328	217.198	180.862	169.395
75.0	293.891	271.479	205.508	170.661	159.641
75.5	280.041	258.076	194.190	160.609	150.259
76.0	266.713	244.673	183.095	150.929	140.877
76.5	253.459	231.717	172.075	141.398	131.867
77.0	240.355	218.613	161.353	131.942	123.230
77.5	227.548	205.880	150.780	122.858	114.593
78.0	214.815	193.371	140.356	113.997	106.179
78.5	202.455	181.085	130.006	105.360	97.988
79.0	190.244	168.948	120.028	96.872	89.947
79.5	178.479	156.960	110.349	88.681	81.980
80.0	166.863	145.270	100.967	80.714	74.310
80.5	155.471	133.803	91.883	72.747	66.641
81.0	144.228	122.486	83.246	65.003	59.195
81.5	133.282	111.540	74.757	57.334	51.600
82.0	122.634	100.967	66.716	49.962	44.080
82.5	112.285	90.691	58.823	42.367	36.113

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	102.233	80.714	51.079	34.624	27.550
83.5	92.478	71.034	43.633	26.061	18.391
84.0	83.022	61.876	36.336	17.349	14.222
84.5	73.938	53.089	28.965	13.254	12.584
85.0	65.152	44.750	20.625	11.616	11.169
85.5	56.738	36.932	12.509	10.201	9.829
86.0	48.622	29.486	9.829	8.786	8.488
86.5	40.729	22.487	8.339	7.446	7.148
87.0	33.358	15.636	6.925	6.180	5.882
87.5	26.284	8.265	5.510	4.840	4.691
88.0	19.657	5.212	4.244	3.649	3.425
88.5	13.552	3.872	2.978	2.532	2.383
89.0	8.265	2.532	1.787	1.489	1.415
89.5	3.723	1.340	0.894	0.745	0.596
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

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-L12-840-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-L12-840-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-L12-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	840.02	N.A.	16.70
0-30	1710.06	N.A.	34.10
0-40	2664.63	N.A.	53.10
0-60	4266.31	N.A.	85.00
0-80	4979.55	N.A.	99.20
0-90	5022.02	N.A.	100.00
10-90	4798.38	N.A.	95.50
20-40	1824.62	N.A.	36.30
20-50	2712.92	N.A.	54.00
40-70	2081.19	N.A.	41.40
60-80	713.24	N.A.	14.20
70-80	233.72	N.A.	4.70
80-90	42.47	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	5022.02	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	223.64
10-20	616.38
20-30	870.04
30-40	954.58
40-50	888.30
50-60	713.38
60-70	479.52
70-80	233.72
80-90	42.47
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-L12-840-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	99	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L12-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

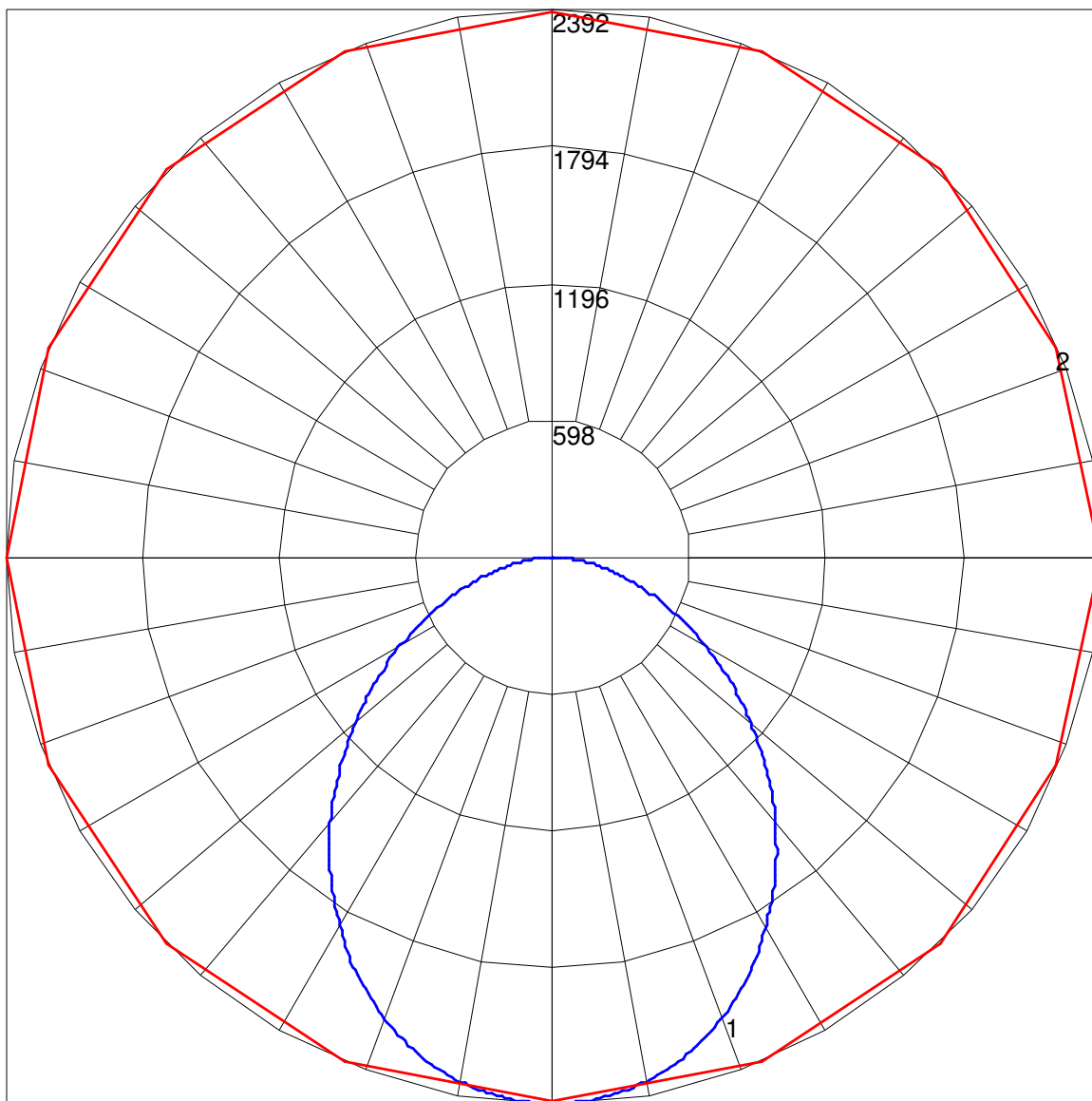
Reflectances

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	22.2	23.7	22.6	24.1	24.4	20.1	21.6	20.5	21.9	22.2
	3H	23.8	25.2	24.2	25.5	25.9	21.3	22.7	21.7	23.1	23.4
	4H	24.4	25.7	24.8	26.0	26.4	21.7	23.0	22.1	23.4	23.7
	6H	24.7	25.9	25.1	26.3	26.7	21.9	23.1	22.3	23.5	23.9
	8H	24.8	26.0	25.3	26.4	26.8	21.9	23.1	22.4	23.4	23.8
	12H	24.9	26.0	25.3	26.4	26.8	21.9	23.0	22.3	23.4	23.8
4H	2H	22.5	23.8	22.9	24.2	24.5	20.8	22.1	21.2	22.4	22.8
	3H	24.4	25.4	24.8	25.8	26.2	22.2	23.3	22.6	23.7	24.1
	4H	25.0	26.0	25.5	26.4	26.9	22.7	23.6	23.1	24.1	24.5
	6H	25.5	26.4	26.0	26.8	27.3	22.9	23.8	23.4	24.2	24.7
	8H	25.7	26.4	26.1	26.9	27.4	22.9	23.7	23.4	24.2	24.6
	12H	25.7	26.5	26.2	26.9	27.4	22.9	23.6	23.4	24.1	24.6
8H	4H	25.1	25.9	25.6	26.3	26.8	23.0	23.8	23.4	24.2	24.7
	6H	25.7	26.3	26.2	26.8	27.3	23.3	23.9	23.8	24.4	24.9
	8H	25.9	26.5	26.4	27.0	27.5	23.3	23.9	23.8	24.4	24.9
	12H	26.0	26.5	26.5	27.0	27.6	23.3	23.8	23.8	24.3	24.9
12H	4H	25.1	25.8	25.6	26.3	26.8	23.0	23.7	23.5	24.2	24.7
	6H	25.7	26.3	26.2	26.7	27.3	23.3	23.9	23.9	24.4	24.9
	8H	25.9	26.4	26.4	26.9	27.5	23.4	23.9	23.9	24.4	25.0

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 2392.377 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.)