

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-830-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-L12-830-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	4772
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	11640	10319	9135
55	10188	8806	7480
65	8669	7243	6018
75	6960	5439	4430
85	4507	2794	2138

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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	2210.312	2210.312	2210.312	2210.312	2210.312
0.5	2221.117	2205.509	2210.912	2209.111	2207.910
1.0	2220.517	2204.909	2210.312	2208.511	2207.310
1.5	2219.917	2203.708	2209.711	2207.310	2206.110
2.0	2218.716	2203.108	2207.910	2204.909	2205.509
2.5	2218.116	2201.907	2206.710	2203.708	2203.108
3.0	2216.315	2200.107	2204.909	2200.707	2200.107
3.5	2215.114	2198.306	2202.508	2198.306	2197.105
4.0	2212.113	2195.904	2200.107	2195.304	2193.503
4.5	2210.912	2193.503	2197.105	2191.702	2189.301
5.0	2207.910	2191.102	2193.503	2188.101	2185.699
5.5	2206.710	2187.500	2189.901	2183.298	2180.297
6.0	2201.307	2184.499	2185.699	2178.496	2175.494
6.5	2198.306	2181.497	2180.897	2173.093	2169.491
7.0	2194.704	2177.295	2176.695	2167.690	2164.088
7.5	2191.102	2173.093	2171.292	2161.687	2157.485
8.0	2186.900	2168.291	2166.490	2155.084	2150.281
8.5	2182.698	2164.088	2161.087	2147.880	2143.078
9.0	2177.895	2159.286	2154.484	2140.677	2135.874
9.5	2172.493	2153.283	2148.481	2132.873	2127.470
10.0	2168.291	2147.880	2141.277	2125.669	2119.666
10.5	2161.687	2141.877	2134.674	2117.865	2111.262
11.0	2155.684	2135.874	2126.870	2108.861	2102.858
11.5	2149.681	2129.271	2119.066	2099.856	2092.652
12.0	2143.078	2122.668	2111.262	2090.251	2083.048
12.5	2135.274	2114.864	2102.858	2080.646	2072.242
13.0	2128.671	2107.660	2093.853	2070.441	2062.037
13.5	2122.067	2099.856	2084.849	2060.236	2051.832
14.0	2113.663	2092.052	2075.844	2048.830	2039.826
14.5	2106.459	2083.048	2065.639	2038.025	2028.420
15.0	2098.055	2074.643	2055.434	2026.619	2016.414
15.5	2089.651	2065.639	2045.229	2014.613	2004.408
16.0	2080.646	2056.634	2034.423	2002.607	1991.201
16.5	2072.242	2047.630	2023.618	1990.001	1978.595
17.0	2062.637	2037.425	2012.212	1977.395	1964.788
17.5	2053.633	2027.220	2001.407	1964.188	1950.981
18.0	2043.428	2017.615	1989.401	1950.981	1937.174
18.5	2034.423	2006.809	1977.395	1937.174	1922.167
19.0	2023.618	1996.004	1964.788	1922.767	1907.159
19.5	2013.413	1985.198	1952.182	1908.960	1892.152
20.0	2002.607	1973.793	1938.975	1894.553	1877.144
20.5	1991.802	1962.387	1925.769	1879.545	1861.536
21.0	1980.396	1950.981	1912.562	1864.538	1845.328
21.5	1969.591	1938.375	1898.755	1848.930	1829.720
22.0	1957.585	1926.369	1884.348	1833.322	1814.112
22.5	1945.579	1913.763	1869.940	1817.714	1797.304
23.0	1934.173	1901.756	1856.134	1800.906	1780.495
23.5	1922.167	1888.550	1841.126	1784.698	1763.687
24.0	1909.560	1875.343	1826.118	1768.489	1746.278
24.5	1896.954	1862.137	1810.511	1751.681	1729.470
25.0	1883.747	1848.930	1795.503	1734.873	1712.061
25.5	1869.940	1834.523	1779.895	1717.464	1693.452
26.0	1856.734	1820.716	1763.087	1700.055	1675.443
26.5	1843.527	1806.308	1747.479	1682.646	1656.833

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CANDELA TABULATION - (Cont.)

27.0	1829.120	1791.901	1730.670	1664.637	1638.824
27.5	1814.112	1776.894	1714.462	1646.628	1620.815
28.0	1800.305	1762.486	1697.654	1628.019	1601.606
28.5	1785.898	1747.479	1681.446	1610.010	1582.996
29.0	1771.491	1732.471	1664.637	1591.400	1564.987
29.5	1754.683	1716.863	1647.228	1572.791	1545.777
30.0	1738.474	1700.655	1629.820	1554.182	1527.168
30.5	1723.467	1685.047	1613.011	1536.173	1507.958
31.0	1707.859	1669.440	1595.603	1517.563	1488.749
31.5	1692.851	1653.231	1578.194	1498.354	1469.539
32.0	1676.043	1637.023	1560.185	1479.744	1450.930
32.5	1660.435	1620.215	1542.776	1460.535	1431.120
33.0	1644.227	1604.007	1524.167	1441.925	1412.510
33.5	1628.019	1587.198	1507.358	1422.716	1392.100
34.0	1612.411	1570.390	1488.749	1404.106	1373.491
34.5	1596.203	1554.182	1470.740	1385.497	1354.881
35.0	1579.995	1536.773	1452.130	1366.287	1335.672
35.5	1563.186	1519.364	1434.121	1348.278	1315.862
36.0	1547.578	1502.556	1416.112	1329.068	1297.853
36.5	1530.770	1485.147	1397.503	1310.459	1278.643
37.0	1513.361	1467.738	1380.094	1291.850	1260.634
37.5	1496.553	1450.329	1362.085	1272.640	1241.424
38.0	1479.744	1432.320	1343.476	1254.031	1222.215
38.5	1462.335	1415.512	1325.467	1235.421	1203.605
39.0	1444.326	1397.503	1307.458	1216.812	1184.996
39.5	1427.518	1380.094	1288.848	1198.203	1166.387
40.0	1410.109	1362.085	1270.839	1180.794	1148.378
40.5	1391.500	1344.676	1252.230	1162.185	1129.168
41.0	1374.091	1326.667	1234.221	1143.575	1109.358
41.5	1356.682	1309.258	1216.212	1124.966	1090.749
42.0	1338.073	1291.249	1198.203	1105.756	1071.539
42.5	1318.863	1272.640	1180.194	1087.747	1052.930
43.0	1300.854	1254.631	1162.185	1067.937	1034.320
43.5	1283.446	1237.222	1144.175	1049.328	1016.911
44.0	1264.236	1219.213	1126.166	1031.919	998.902
44.5	1246.227	1201.204	1106.356	1013.910	980.893
45.0	1227.617	1183.795	1088.347	996.501	963.485
45.5	1209.008	1165.186	1069.738	979.092	945.476
46.0	1190.999	1147.777	1052.329	961.684	928.067
46.5	1172.990	1129.768	1034.921	944.875	911.258
47.0	1154.381	1111.759	1017.512	927.466	893.850
47.5	1135.771	1092.549	1000.703	910.658	877.041
48.0	1117.762	1073.940	983.895	893.850	859.632
48.5	1099.153	1056.531	966.486	877.041	842.824
49.0	1079.343	1038.522	949.678	860.233	826.616
49.5	1061.934	1021.714	933.469	843.424	810.408
50.0	1043.925	1004.305	916.661	827.216	794.199
50.5	1027.117	986.896	899.853	811.008	777.991
51.0	1009.108	970.088	883.044	794.199	761.783
51.5	991.699	952.679	866.836	778.592	746.175
52.0	974.890	935.270	850.028	762.383	730.567
52.5	957.482	918.462	833.819	746.776	715.560
53.0	940.073	901.653	817.611	731.168	700.552
53.5	922.664	884.845	802.003	715.560	684.944
54.0	905.856	868.037	785.195	700.552	669.937
54.5	888.447	851.828	769.587	684.944	654.929

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55.0	871.638	835.020	753.379	670.537	639.922
55.5	854.230	818.812	737.771	654.929	625.515
56.0	836.821	802.003	722.163	640.522	611.107
56.5	820.012	785.795	706.555	626.115	597.601
57.0	802.604	769.587	690.347	611.708	583.373
57.5	785.795	753.979	675.340	597.300	569.506
58.0	768.987	737.771	659.732	583.133	555.880
58.5	752.178	721.563	644.124	569.146	542.253
59.0	735.370	705.955	629.116	555.399	528.746
59.5	718.561	690.347	614.109	541.652	515.599
60.0	702.353	674.739	598.981	527.845	502.513
60.5	686.145	659.132	584.334	514.399	489.426
61.0	669.937	644.124	569.386	501.072	476.580
61.5	654.329	628.516	554.859	487.625	463.913
62.0	638.121	612.908	540.212	474.779	451.667
62.5	622.513	598.081	526.045	461.872	439.181
63.0	606.905	583.253	511.937	449.026	426.935
63.5	591.598	568.426	497.830	436.059	414.569
64.0	576.710	553.718	484.083	423.573	402.683
64.5	561.342	539.011	470.216	411.147	390.857
65.0	546.455	524.604	456.590	398.721	379.331
65.5	531.687	510.017	442.843	386.534	367.565
66.0	516.980	495.549	429.576	374.648	356.039
66.5	502.393	481.262	416.249	362.582	344.393
67.0	487.625	467.095	403.103	350.636	333.228
67.5	472.858	452.928	390.136	339.111	322.062
68.0	458.691	439.001	377.050	327.525	310.776
68.5	444.223	425.194	364.263	316.119	299.911
69.0	429.876	411.387	351.597	304.773	289.105
69.5	415.949	397.640	339.231	293.548	278.600
70.0	401.842	383.953	326.624	282.562	267.975
70.5	387.915	370.506	314.258	271.637	257.710
71.0	373.988	357.180	302.252	261.011	247.324
71.5	360.361	343.733	290.246	250.446	237.299
72.0	346.794	330.646	278.360	239.941	227.274
72.5	333.288	317.680	266.534	229.676	217.549
73.0	320.141	304.893	254.948	219.350	208.005
73.5	306.994	291.927	243.542	209.505	198.460
74.0	294.088	279.200	232.257	199.600	188.975
74.5	281.301	266.714	221.091	189.996	179.971
75.0	268.695	254.408	209.986	180.331	171.026
75.5	256.329	242.342	199.240	171.146	162.142
76.0	244.263	230.396	188.735	161.961	153.557
76.5	232.137	218.450	178.230	153.137	145.153
77.0	220.671	206.804	168.145	144.313	136.809
77.5	209.025	195.338	158.120	135.788	128.645
78.0	197.439	184.053	148.215	127.444	120.901
78.5	185.974	172.887	138.730	119.340	113.037
79.0	175.048	162.142	129.425	111.356	105.473
79.5	164.303	151.216	120.361	103.372	98.089
80.0	153.617	140.771	111.356	95.868	90.946
80.5	142.992	130.386	102.592	88.424	83.862
81.0	132.727	120.301	94.187	81.341	77.139
81.5	122.582	110.516	85.963	74.317	70.475
82.0	112.797	100.611	78.159	67.474	63.872
82.5	103.252	91.246	70.475	60.811	57.569

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CANDELA TABULATION - (Cont.)

83.0	93.827	82.001	63.032	54.327	51.146
83.5	84.523	73.177	56.008	47.964	45.023
84.0	75.638	64.532	49.165	41.721	39.080
84.5	66.874	56.368	42.621	35.778	33.377
85.0	58.589	48.504	36.318	30.195	27.794
85.5	50.545	40.941	30.315	24.492	21.791
86.0	42.982	33.737	24.913	18.609	15.188
86.5	35.478	27.254	19.690	11.766	9.365
87.0	28.574	21.131	14.047	7.444	6.663
87.5	22.151	15.728	8.104	5.703	5.223
88.0	16.208	10.745	5.103	4.382	4.082
88.5	11.166	6.003	3.782	3.182	2.821
89.0	7.024	3.002	2.521	2.041	1.801
89.5	3.482	1.621	1.381	1.021	0.900
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-L12-830-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-L12-830-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-L12-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	785.12	N.A.	16.50
0-30	1609.36	N.A.	33.70
0-40	2517.31	N.A.	52.80
0-60	4034.1	N.A.	84.50
0-80	4722.38	N.A.	99.00
0-90	4771.8	N.A.	100.00
10-90	4564.22	N.A.	95.60
20-40	1732.19	N.A.	36.30
20-50	2574.16	N.A.	53.90
40-70	1974.15	N.A.	41.40
60-80	688.29	N.A.	14.40
70-80	230.92	N.A.	4.80
80-90	49.42	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	4771.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	207.58
10-20	577.54
20-30	824.24
30-40	907.95
40-50	841.97
50-60	674.81
60-70	457.36
70-80	230.92
80-90	49.42
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-L12-830-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	51	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

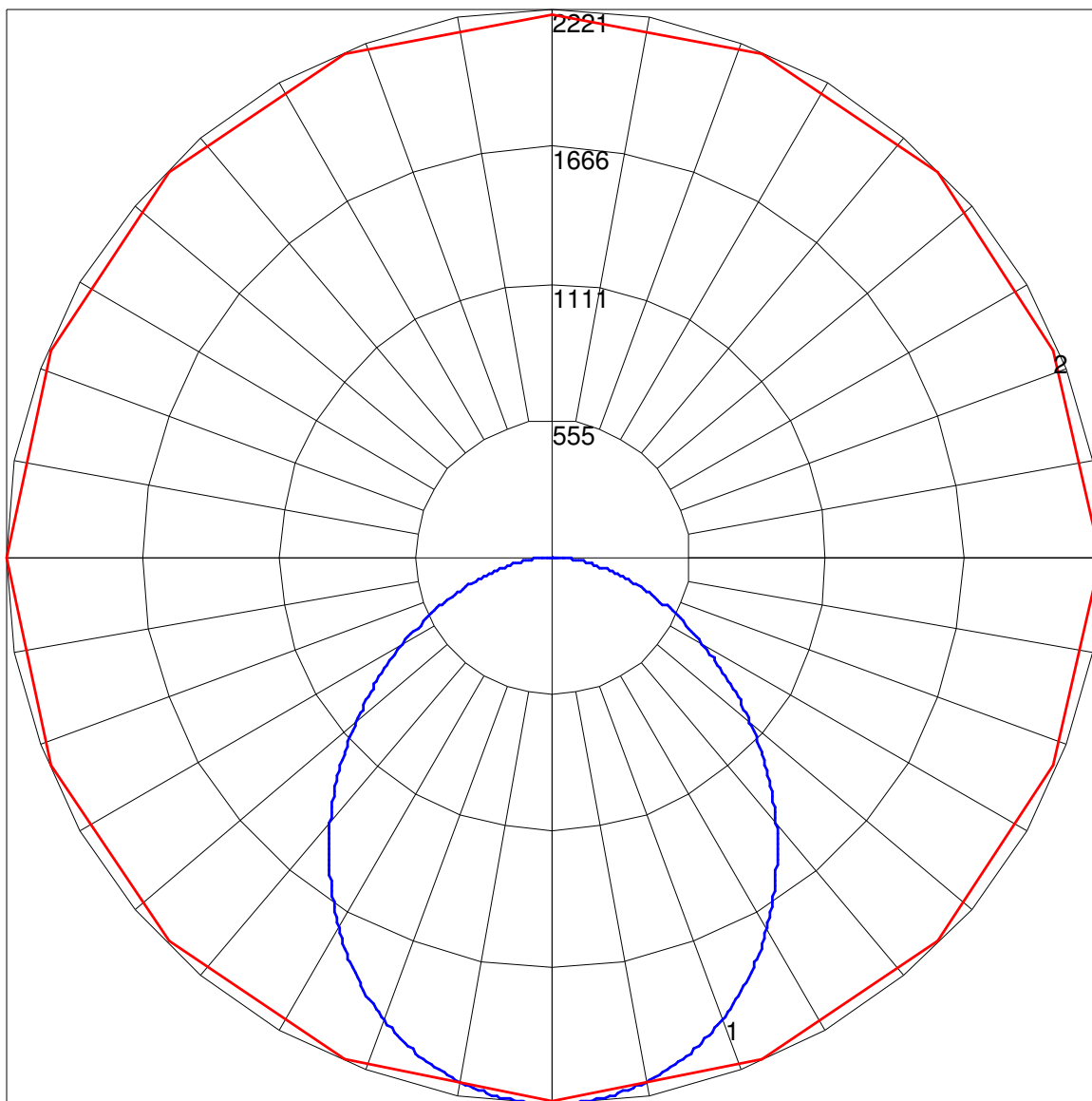
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L12-830-DMA-DIM-UNV_.IES

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	24.5	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 = 2221.117 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.)