

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-840-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-2-L19-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' 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	3928
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	33.2
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)	2.00 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	19165	16991	15041
55	16775	14499	12316
65	14274	11926	9908
75	11460	8956	7294
85	7421	4600	3520

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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	1819.655	1819.655	1819.655	1819.655	1819.655
0.5	1828.551	1815.702	1820.150	1818.667	1817.679
1.0	1828.057	1815.208	1819.655	1818.173	1817.184
1.5	1827.563	1814.219	1819.161	1817.184	1816.196
2.0	1826.574	1813.725	1817.679	1815.208	1815.702
2.5	1826.080	1812.737	1816.690	1814.219	1813.725
3.0	1824.597	1811.254	1815.208	1811.748	1811.254
3.5	1823.609	1809.771	1813.231	1809.771	1808.783
4.0	1821.138	1807.795	1811.254	1807.300	1805.818
4.5	1820.150	1805.818	1808.783	1804.335	1802.358
5.0	1817.679	1803.841	1805.818	1801.370	1799.393
5.5	1816.690	1800.876	1802.853	1797.416	1794.945
6.0	1812.242	1798.405	1799.393	1793.463	1790.992
6.5	1809.771	1795.934	1795.440	1789.015	1786.050
7.0	1806.806	1792.474	1791.980	1784.567	1781.602
7.5	1803.841	1789.015	1787.532	1779.625	1776.166
8.0	1800.382	1785.061	1783.579	1774.189	1770.235
8.5	1796.922	1781.602	1779.131	1768.258	1764.305
9.0	1792.968	1777.648	1773.695	1762.328	1758.374
9.5	1788.521	1772.706	1768.753	1755.903	1751.455
10.0	1785.061	1768.258	1762.822	1749.973	1745.031
10.5	1779.625	1763.316	1757.386	1743.548	1738.112
11.0	1774.683	1758.374	1750.961	1736.135	1731.193
11.5	1769.741	1752.938	1744.537	1728.722	1722.792
12.0	1764.305	1747.502	1738.112	1720.815	1714.884
12.5	1757.880	1741.077	1731.193	1712.908	1705.989
13.0	1752.444	1735.147	1723.780	1704.506	1697.587
13.5	1747.008	1728.722	1716.367	1696.105	1689.186
14.0	1740.089	1722.297	1708.954	1686.715	1679.302
14.5	1734.158	1714.884	1700.553	1677.819	1669.912
15.0	1727.239	1707.966	1692.151	1668.429	1660.028
15.5	1720.321	1700.553	1683.750	1658.545	1650.144
16.0	1712.908	1693.139	1674.854	1648.661	1639.271
16.5	1705.989	1685.726	1665.958	1638.283	1628.893
17.0	1698.082	1677.325	1656.568	1627.905	1617.526
17.5	1690.668	1668.924	1647.673	1617.032	1606.160
18.0	1682.267	1661.016	1637.789	1606.160	1594.793
18.5	1674.854	1652.121	1627.905	1594.793	1582.438
19.0	1665.958	1643.225	1617.526	1582.932	1570.083
19.5	1657.557	1634.329	1607.148	1571.566	1557.728
20.0	1648.661	1624.939	1596.276	1559.705	1545.373
20.5	1639.766	1615.550	1585.403	1547.350	1532.524
21.0	1630.376	1606.160	1574.531	1534.995	1519.180
21.5	1621.480	1595.781	1563.164	1522.145	1506.331
22.0	1611.596	1585.897	1551.303	1509.296	1493.481
22.5	1601.712	1575.519	1539.442	1496.447	1479.644
23.0	1592.322	1565.635	1528.076	1482.609	1465.806
23.5	1582.438	1554.763	1515.721	1469.266	1451.968
24.0	1572.060	1543.890	1503.366	1455.922	1437.637
24.5	1561.681	1533.018	1490.516	1442.084	1423.799
25.0	1550.809	1522.145	1478.161	1428.247	1409.467
25.5	1539.442	1510.284	1465.312	1413.915	1394.147
26.0	1528.570	1498.918	1451.474	1399.583	1379.321
26.5	1517.697	1487.057	1438.625	1385.251	1364.000

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CANDELA TABULATION - (Cont.)

27.0	1505.837	1475.196	1424.787	1370.425	1349.174
27.5	1493.481	1462.841	1411.444	1355.599	1334.348
28.0	1482.115	1450.980	1397.606	1340.279	1318.534
28.5	1470.254	1438.625	1384.263	1325.452	1303.213
29.0	1458.393	1426.270	1370.425	1310.132	1288.387
29.5	1444.555	1413.421	1356.093	1294.812	1272.573
30.0	1431.212	1400.077	1341.761	1279.492	1257.252
30.5	1418.857	1387.228	1327.923	1264.665	1241.438
31.0	1406.008	1374.379	1313.592	1249.345	1225.623
31.5	1393.652	1361.035	1299.260	1233.531	1209.809
32.0	1379.815	1347.692	1284.434	1218.210	1194.489
32.5	1366.966	1333.854	1270.102	1202.396	1178.180
33.0	1353.622	1320.510	1254.781	1187.076	1162.860
33.5	1340.279	1306.673	1240.944	1171.261	1146.057
34.0	1327.429	1292.835	1225.623	1155.941	1130.736
34.5	1314.086	1279.492	1210.797	1140.621	1115.416
35.0	1300.742	1265.160	1195.477	1124.806	1099.602
35.5	1286.905	1250.828	1180.651	1109.980	1083.293
36.0	1274.055	1236.990	1165.825	1094.165	1068.467
36.5	1260.218	1222.658	1150.505	1078.845	1052.652
37.0	1245.886	1208.326	1136.173	1063.525	1037.826
37.5	1232.048	1193.994	1121.347	1047.710	1022.012
38.0	1218.210	1179.168	1106.026	1032.390	1006.197
38.5	1203.879	1165.331	1091.200	1017.070	990.877
39.0	1189.052	1150.505	1076.374	1001.749	975.557
39.5	1175.215	1136.173	1061.054	986.429	960.236
40.0	1160.883	1121.347	1046.228	972.097	945.410
40.5	1145.563	1107.015	1030.907	956.777	929.596
41.0	1131.231	1092.189	1016.081	941.457	913.287
41.5	1116.899	1077.857	1001.255	926.136	897.967
42.0	1101.578	1063.031	986.429	910.322	882.152
42.5	1085.764	1047.710	971.603	895.496	866.832
43.0	1070.938	1032.884	956.777	879.187	851.512
43.5	1056.606	1018.552	941.951	863.867	837.180
44.0	1040.792	1003.726	927.125	849.535	822.354
44.5	1025.965	988.900	910.816	834.709	807.528
45.0	1010.645	974.568	895.990	820.377	793.196
45.5	995.325	959.248	880.670	806.045	778.370
46.0	980.499	944.916	866.338	791.713	764.038
46.5	965.673	930.090	852.006	777.876	750.200
47.0	950.352	915.264	837.674	763.544	735.868
47.5	935.032	899.449	823.836	749.706	722.031
48.0	920.206	884.129	809.999	735.868	707.699
48.5	904.886	869.797	795.667	722.031	693.861
49.0	888.577	854.971	781.829	708.193	680.518
49.5	874.245	841.134	768.486	694.355	667.174
50.0	859.419	826.802	754.648	681.012	653.831
50.5	845.581	812.470	740.810	667.668	640.487
51.0	830.755	798.632	726.973	653.831	627.144
51.5	816.423	784.300	713.629	640.981	614.294
52.0	802.586	769.968	699.791	627.638	601.445
52.5	788.254	756.131	686.448	614.789	589.090
53.0	773.922	742.293	673.104	601.939	576.735
53.5	759.590	728.455	660.255	589.090	563.886
54.0	745.752	714.618	646.418	576.735	551.531
54.5	731.420	701.274	633.568	563.886	539.175

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55.0	717.583	687.436	620.225	552.025	526.820
55.5	703.251	674.093	607.375	539.175	514.960
56.0	688.919	660.255	594.526	527.315	503.099
56.5	675.081	646.912	581.677	515.454	491.979
57.0	660.749	633.568	568.333	503.593	480.266
57.5	646.912	620.719	555.978	491.732	468.850
58.0	633.074	607.375	543.129	480.069	457.632
58.5	619.236	594.032	530.280	468.554	446.414
59.0	605.399	581.183	517.925	457.237	435.294
59.5	591.561	568.333	505.570	445.919	424.471
60.0	578.218	555.484	493.116	434.553	413.697
60.5	564.874	542.635	481.057	423.483	402.924
61.0	551.531	530.280	468.752	412.511	392.348
61.5	538.681	517.431	456.792	401.441	381.920
62.0	525.338	504.581	444.733	390.865	371.838
62.5	512.489	492.374	433.070	380.240	361.559
63.0	499.639	480.168	421.456	369.664	351.477
63.5	487.037	467.961	409.843	358.989	341.297
64.0	474.781	455.853	398.525	348.710	331.511
64.5	462.129	443.745	387.109	338.480	321.776
65.0	449.873	431.884	375.891	328.250	312.287
65.5	437.716	419.875	364.574	318.217	302.600
66.0	425.608	407.965	353.652	308.432	293.112
66.5	413.598	396.203	342.680	298.499	283.524
67.0	401.441	384.539	331.857	288.664	274.332
67.5	389.284	372.876	321.183	279.175	265.140
68.0	377.621	361.411	310.409	269.637	255.849
68.5	365.710	350.044	299.882	260.247	246.904
69.0	353.899	338.677	289.455	250.907	238.008
69.5	342.433	327.360	279.274	241.665	229.360
70.0	330.819	316.092	268.896	232.621	220.612
70.5	319.354	305.022	258.715	223.627	212.161
71.0	307.888	294.051	248.831	214.879	203.612
71.5	296.670	282.981	238.947	206.181	195.358
72.0	285.501	272.207	229.162	197.533	187.105
72.5	274.382	261.532	219.426	189.082	179.099
73.0	263.558	251.006	209.888	180.582	171.241
73.5	252.735	240.331	200.498	172.477	163.384
74.0	242.110	229.854	191.207	164.322	155.575
74.5	231.584	219.574	182.015	156.415	148.162
75.0	221.205	209.443	172.872	148.459	140.798
75.5	211.025	199.510	164.026	140.897	133.484
76.0	201.091	189.675	155.377	133.336	126.417
76.5	191.108	179.840	146.729	126.071	119.498
77.0	181.669	170.253	138.426	118.806	112.629
77.5	172.081	160.814	130.173	111.789	105.908
78.0	162.543	151.523	122.019	104.919	99.532
78.5	153.104	142.330	114.210	98.248	93.058
79.0	144.110	133.484	106.550	91.675	86.831
79.5	135.263	124.490	99.088	85.102	80.753
80.0	126.467	115.891	91.675	78.924	74.872
80.5	117.719	107.341	84.459	72.796	69.040
81.0	109.268	99.038	77.540	66.965	63.505
81.5	100.916	90.983	70.770	61.182	58.019
82.0	92.861	82.828	64.345	55.548	52.583
82.5	85.003	75.119	58.019	50.063	47.394

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CANDELA TABULATION - (Cont.)

83.0	77.244	67.508	51.891	44.725	42.106
83.5	69.584	60.243	46.109	39.487	37.065
84.0	62.270	53.127	40.475	34.347	32.173
84.5	55.054	46.406	35.088	29.454	27.478
85.0	48.234	39.932	29.899	24.858	22.882
85.5	41.612	33.705	24.957	20.163	17.940
86.0	35.385	27.774	20.509	15.320	12.503
86.5	29.207	22.437	16.210	9.686	7.710
87.0	23.524	17.396	11.564	6.128	5.486
87.5	18.236	12.948	6.672	4.695	4.300
88.0	13.343	8.846	4.201	3.608	3.361
88.5	9.192	4.942	3.113	2.619	2.323
89.0	5.782	2.471	2.076	1.680	1.483
89.5	2.866	1.334	1.137	0.840	0.741
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-2-L19-840-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 : LRX4X-2-L19-840-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 : LRX4X-2-L19-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	646.36	N.A.	16.50
0-30	1324.92	N.A.	33.70
0-40	2072.4	N.A.	52.80
0-60	3321.1	N.A.	84.50
0-80	3887.74	N.A.	99.00
0-90	3928.42	N.A.	100.00
10-90	3757.53	N.A.	95.60
20-40	1426.04	N.A.	36.30
20-50	2119.2	N.A.	53.90
40-70	1625.23	N.A.	41.40
60-80	566.64	N.A.	14.40
70-80	190.11	N.A.	4.80
80-90	40.68	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	3928.42	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	170.89
10-20	475.46
20-30	678.56
30-40	747.48
40-50	693.16
50-60	555.55
60-70	376.53
70-80	190.11
80-90	40.68
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-2-L19-840-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	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-2-L19-840-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

X=2H	Y=2H	21.7	23.3	22.1	23.6	23.9	20.0	21.5	20.4	21.9	22.2
	3H	23.3	24.7	23.7	25.0	25.4	21.3	22.7	21.7	23.1	23.4
	4H	23.9	25.2	24.3	25.5	25.9	21.8	23.1	22.2	23.4	23.8
	6H	24.3	25.4	24.7	25.8	26.2	22.0	23.2	22.4	23.6	24.0
	8H	24.3	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0
	12H	24.4	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0

UGR Viewed Endwise

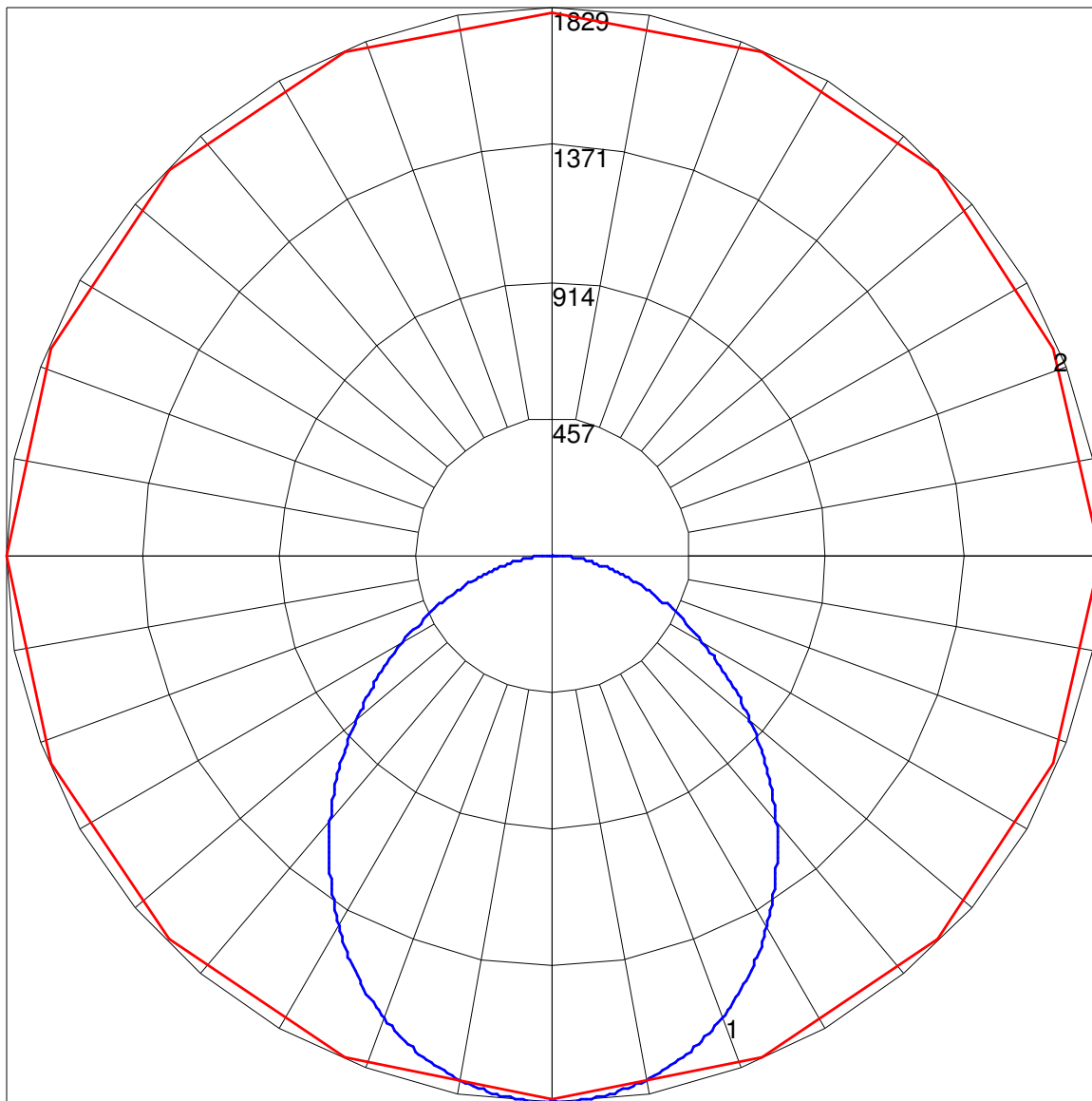
4H	2H	22.1	23.4	22.5	23.8	24.1	20.7	22.0	21.1	22.3	22.7
	3H	23.9	25.0	24.3	25.4	25.8	22.2	23.3	22.6	23.7	24.1
	4H	24.6	25.6	25.0	26.0	26.4	22.7	23.7	23.2	24.1	24.6
	6H	25.1	25.9	25.5	26.4	26.8	23.1	23.9	23.5	24.4	24.8
	8H	25.2	26.0	25.7	26.5	26.9	23.2	24.0	23.6	24.4	24.9
	12H	25.3	26.0	25.8	26.5	27.0	23.2	23.9	23.7	24.4	24.9

8H	4H	24.7	25.5	25.2	25.9	26.4	23.0	23.8	23.5	24.3	24.7
	6H	25.3	26.0	25.8	26.4	26.9	23.5	24.1	24.0	24.6	25.1
	8H	25.5	26.1	26.0	26.6	27.1	23.6	24.2	24.1	24.7	25.2
	12H	25.6	26.2	26.2	26.7	27.2	23.7	24.2	24.2	24.7	25.2

12H	4H	24.7	25.4	25.2	25.9	26.4	23.1	23.8	23.6	24.3	24.7
	6H	25.3	25.9	25.8	26.4	26.9	23.5	24.1	24.0	24.6	25.1
	8H	25.5	26.1	26.0	26.5	27.1	23.7	24.2	24.2	24.7	25.2

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 1828.551 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.)