

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-835-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-L19-835-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	3814
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
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	18607	16496	14603
55	16287	14077	11957
65	13858	11579	9620
75	11126	8695	7082
85	7205	4466	3418

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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	1766.656	1766.656	1766.656	1766.656	1766.656
0.5	1775.293	1762.818	1767.136	1765.696	1764.737
1.0	1774.813	1762.338	1766.656	1765.217	1764.257
1.5	1774.333	1761.378	1766.176	1764.257	1763.297
2.0	1773.373	1760.898	1764.737	1762.338	1762.818
2.5	1772.894	1759.939	1763.777	1761.378	1760.898
3.0	1771.454	1758.499	1762.338	1758.979	1758.499
3.5	1770.494	1757.060	1760.419	1757.060	1756.100
4.0	1768.095	1755.141	1758.499	1754.661	1753.221
4.5	1767.136	1753.221	1756.100	1751.782	1749.863
5.0	1764.737	1751.302	1753.221	1748.903	1746.984
5.5	1763.777	1748.423	1750.343	1745.065	1742.666
6.0	1759.459	1746.024	1746.984	1741.226	1738.827
6.5	1757.060	1743.625	1743.145	1736.908	1734.029
7.0	1754.181	1740.267	1739.787	1732.590	1729.711
7.5	1751.302	1736.908	1735.468	1727.792	1724.433
8.0	1747.943	1733.069	1731.630	1722.514	1718.675
8.5	1744.585	1729.711	1727.312	1716.756	1712.917
9.0	1740.746	1725.872	1722.034	1710.998	1707.160
9.5	1736.428	1721.074	1717.236	1704.761	1700.442
10.0	1733.069	1716.756	1711.478	1699.003	1694.205
10.5	1727.792	1711.958	1706.200	1692.765	1687.488
11.0	1722.993	1707.160	1699.963	1685.568	1680.770
11.5	1718.195	1701.882	1693.725	1678.371	1672.614
12.0	1712.917	1696.604	1687.488	1670.694	1664.937
12.5	1706.680	1690.366	1680.770	1663.017	1656.300
13.0	1701.402	1684.609	1673.573	1654.861	1648.143
13.5	1696.124	1678.371	1666.376	1646.704	1639.987
14.0	1689.407	1672.134	1659.179	1637.587	1630.390
14.5	1683.649	1664.937	1651.022	1628.951	1621.274
15.0	1676.932	1658.219	1642.865	1619.835	1611.678
15.5	1670.214	1651.022	1634.709	1610.238	1602.082
16.0	1663.017	1643.825	1626.072	1600.642	1591.526
16.5	1656.300	1636.628	1617.435	1590.566	1581.450
17.0	1648.623	1628.471	1608.319	1580.490	1570.414
17.5	1641.426	1620.314	1599.683	1569.934	1559.379
18.0	1633.269	1612.637	1590.086	1559.379	1548.343
18.5	1626.072	1604.001	1580.490	1548.343	1536.348
19.0	1617.435	1595.364	1570.414	1536.828	1524.353
19.5	1609.279	1586.728	1560.338	1525.792	1512.357
20.0	1600.642	1577.611	1549.782	1514.277	1500.362
20.5	1592.006	1568.495	1539.227	1502.281	1487.887
21.0	1582.889	1559.379	1528.671	1490.286	1474.932
21.5	1574.253	1549.303	1517.635	1477.811	1462.457
22.0	1564.657	1539.706	1506.120	1465.336	1449.982
22.5	1555.060	1529.630	1494.604	1452.861	1436.548
23.0	1545.944	1520.034	1483.569	1439.426	1423.113
23.5	1536.348	1509.479	1471.574	1426.472	1409.678
24.0	1526.272	1498.923	1459.578	1413.517	1395.764
24.5	1516.196	1488.367	1447.103	1400.082	1382.329
25.0	1505.640	1477.811	1435.108	1386.647	1368.415
25.5	1494.604	1466.296	1422.633	1372.733	1353.541
26.0	1484.049	1455.260	1409.198	1358.819	1339.146
26.5	1473.493	1443.745	1396.723	1344.904	1324.272

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CANDELA TABULATION - (Cont.)

27.0	1461.977	1432.229	1383.289	1330.510	1309.878
27.5	1449.982	1420.234	1370.334	1316.116	1295.484
28.0	1438.947	1408.719	1356.899	1301.241	1280.130
28.5	1427.431	1396.723	1343.944	1286.847	1265.256
29.0	1415.916	1384.728	1330.510	1271.973	1250.862
29.5	1402.481	1372.253	1316.595	1257.099	1235.508
30.0	1389.526	1359.298	1302.681	1242.225	1220.634
30.5	1377.531	1346.823	1289.246	1227.831	1205.280
31.0	1365.056	1334.348	1275.332	1212.957	1189.926
31.5	1353.061	1321.393	1261.417	1197.603	1174.572
32.0	1339.626	1308.439	1247.023	1182.729	1159.698
32.5	1327.151	1295.004	1233.109	1167.375	1143.864
33.0	1314.196	1282.049	1218.235	1152.501	1128.990
33.5	1301.241	1268.614	1204.800	1137.147	1112.677
34.0	1288.766	1255.180	1189.926	1122.273	1097.803
34.5	1275.812	1242.225	1175.532	1107.399	1082.928
35.0	1262.857	1228.311	1160.658	1092.045	1067.575
35.5	1249.422	1214.396	1146.263	1077.651	1051.741
36.0	1236.947	1200.961	1131.869	1062.297	1037.347
36.5	1223.512	1187.047	1116.995	1047.423	1021.993
37.0	1209.598	1173.133	1103.080	1032.549	1007.598
37.5	1196.163	1159.218	1088.686	1017.195	992.245
38.0	1182.729	1144.824	1073.812	1002.321	976.891
38.5	1168.814	1131.389	1059.418	987.447	962.017
39.0	1154.420	1116.995	1045.024	972.572	947.143
39.5	1140.985	1103.080	1030.150	957.698	932.269
40.0	1127.071	1088.686	1015.755	943.784	917.874
40.5	1112.197	1074.772	1000.881	928.910	902.520
41.0	1098.282	1060.377	986.487	914.036	886.687
41.5	1084.368	1046.463	972.093	899.162	871.813
42.0	1069.494	1032.069	957.698	883.808	856.459
42.5	1054.140	1017.195	943.304	869.414	841.585
43.0	1039.746	1002.800	928.910	853.580	826.711
43.5	1025.831	988.886	914.516	838.706	812.796
44.0	1010.477	974.492	900.121	824.791	798.402
44.5	996.083	960.097	884.288	810.397	784.008
45.0	981.209	946.183	869.893	796.483	770.093
45.5	966.335	931.309	855.019	782.568	755.699
46.0	951.941	917.394	841.105	768.654	741.784
46.5	937.546	903.000	827.190	755.219	728.350
47.0	922.672	888.606	813.276	741.305	714.435
47.5	907.798	873.252	799.841	727.870	701.001
48.0	893.404	858.378	786.407	714.435	687.086
48.5	878.530	844.464	772.492	701.001	673.652
49.0	862.696	830.069	759.058	687.566	660.697
49.5	848.782	816.635	746.103	674.131	647.742
50.0	834.388	802.720	732.668	661.177	634.787
50.5	820.953	788.806	719.233	648.222	621.832
51.0	806.559	775.371	705.799	634.787	608.877
51.5	792.644	761.457	692.844	622.312	596.402
52.0	779.210	747.542	679.409	609.357	583.927
52.5	765.295	734.107	666.454	596.882	571.932
53.0	751.381	720.673	653.500	584.407	559.937
53.5	737.466	707.238	641.025	571.932	547.462
54.0	724.031	693.804	627.590	559.937	535.467
54.5	710.117	680.849	615.115	547.462	523.471

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CANDELA TABULATION - (Cont.)

55.0	696.682	667.414	602.160	535.946	511.476
55.5	682.768	654.459	589.685	523.471	499.961
56.0	668.853	641.025	577.210	511.956	488.445
56.5	655.419	628.070	564.735	500.441	477.650
57.0	641.504	615.115	551.780	488.925	466.278
57.5	628.070	602.640	539.785	477.410	455.195
58.0	614.635	589.685	527.310	466.086	444.303
58.5	601.200	576.730	514.835	454.907	433.411
59.0	587.766	564.255	502.840	443.919	422.616
59.5	574.331	551.780	490.844	432.931	412.108
60.0	561.376	539.305	478.753	421.896	401.648
60.5	548.421	526.830	467.046	411.148	391.188
61.0	535.467	514.835	455.099	400.496	380.920
61.5	522.992	502.360	443.487	389.749	370.796
62.0	510.037	489.885	431.780	379.481	361.008
62.5	497.562	478.034	420.456	369.165	351.028
63.0	485.087	466.182	409.181	358.897	341.240
63.5	472.852	454.331	397.905	348.533	331.356
64.0	460.952	442.576	386.918	338.553	321.856
64.5	448.669	430.820	375.834	328.621	312.404
65.0	436.770	419.305	364.943	318.689	303.191
65.5	424.967	407.646	353.955	308.949	293.787
66.0	413.211	396.082	343.351	299.449	284.575
66.5	401.552	384.663	332.699	289.805	275.266
67.0	389.749	373.339	322.192	280.256	266.342
67.5	377.945	362.016	311.828	271.044	257.417
68.0	366.622	350.884	301.368	261.784	248.397
68.5	355.059	339.849	291.148	252.667	239.712
69.0	343.591	328.813	281.024	243.599	231.076
69.5	332.460	317.825	271.140	234.627	222.679
70.0	321.184	306.886	261.064	225.846	214.187
70.5	310.052	296.138	251.180	217.113	205.982
71.0	298.921	285.486	241.584	208.621	197.681
71.5	288.029	274.739	231.988	200.176	189.668
72.0	277.186	264.279	222.487	191.780	181.656
72.5	266.390	253.915	213.035	183.575	173.883
73.0	255.882	243.695	203.775	175.322	166.254
73.5	245.374	233.331	194.658	167.453	158.625
74.0	235.058	223.159	185.638	159.536	151.044
74.5	224.838	213.179	176.714	151.859	143.847
75.0	214.762	203.343	167.837	144.135	136.698
75.5	204.878	193.699	159.249	136.793	129.596
76.0	195.234	184.151	150.852	129.452	122.735
76.5	185.542	174.602	142.455	122.399	116.018
77.0	176.378	165.294	134.394	115.346	109.348
77.5	167.069	156.130	126.382	108.533	102.823
78.0	157.809	147.109	118.465	101.863	96.633
78.5	148.645	138.185	110.884	95.386	90.348
79.0	139.912	129.596	103.447	89.005	84.302
79.5	131.324	120.864	96.202	82.623	78.401
80.0	122.783	112.515	89.005	76.625	72.691
80.5	114.290	104.214	81.999	70.676	67.029
81.0	106.086	96.154	75.282	65.014	61.655
81.5	97.977	88.333	68.709	59.400	56.330
82.0	90.156	80.416	62.471	53.931	51.052
82.5	82.527	72.931	56.330	48.605	46.014

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CANDELA TABULATION - (Cont.)

83.0	74.994	65.542	50.380	43.423	40.880
83.5	67.557	58.489	44.766	38.337	35.986
84.0	60.456	51.579	39.296	33.347	31.236
84.5	53.451	45.054	34.066	28.597	26.677
85.0	46.829	38.769	29.028	24.134	22.215
85.5	40.400	32.723	24.230	19.576	17.417
86.0	34.354	26.965	19.912	14.874	12.139
86.5	28.357	21.783	15.738	9.404	7.485
87.0	22.839	16.889	11.228	5.950	5.326
87.5	17.705	12.571	6.477	4.558	4.174
88.0	12.955	8.589	4.078	3.503	3.263
88.5	8.924	4.798	3.023	2.543	2.255
89.0	5.614	2.399	2.015	1.631	1.439
89.5	2.783	1.295	1.104	0.816	0.720
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-L19-835-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-L19-835-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-L19-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	627.53	N.A.	16.50
0-30	1286.33	N.A.	33.70
0-40	2012.04	N.A.	52.80
0-60	3224.37	N.A.	84.50
0-80	3774.5	N.A.	99.00
0-90	3814.00	N.A.	100.00
10-90	3648.09	N.A.	95.60
20-40	1384.5	N.A.	36.30
20-50	2057.48	N.A.	53.90
40-70	1577.89	N.A.	41.40
60-80	550.13	N.A.	14.40
70-80	184.57	N.A.	4.80
80-90	39.50	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	3814.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	165.92
10-20	461.62
20-30	658.80
30-40	725.71
40-50	672.97
50-60	539.36
60-70	365.56
70-80	184.57
80-90	39.50
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-L19-835-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-2-L19-835-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

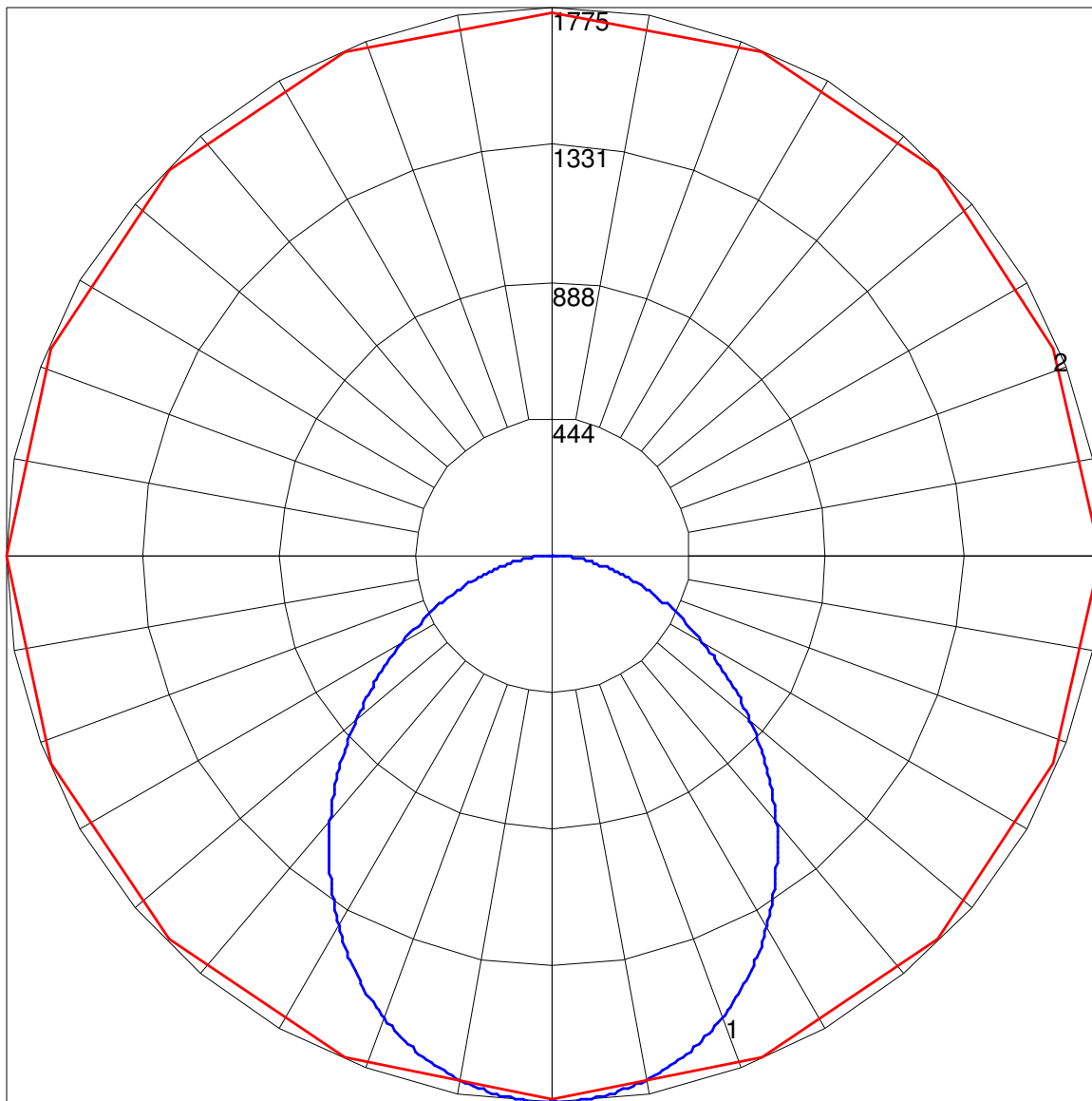
X=2H	Y=2H	21.6	23.2	22.0	23.5	23.8	19.9	21.4	20.3	21.8	22.1
	3H	23.2	24.6	23.6	24.9	25.3	21.2	22.6	21.6	23.0	23.3
	4H	23.8	25.1	24.2	25.4	25.8	21.7	23.0	22.1	23.3	23.7
	6H	24.2	25.4	24.6	25.7	26.1	21.9	23.1	22.3	23.5	23.9
	8H	24.2	25.4	24.7	25.8	26.2	22.0	23.1	22.4	23.5	23.9
	12H	24.3	25.4	24.7	25.8	26.2	22.0	23.1	22.4	23.5	23.9

UGR Viewed Endwise

4H	2H	22.0	23.3	22.4	23.7	24.0	20.6	21.9	21.0	22.2	22.6
	3H	23.8	24.9	24.2	25.3	25.7	22.1	23.2	22.5	23.6	24.0
	4H	24.5	25.5	24.9	25.9	26.3	22.6	23.6	23.1	24.0	24.5
	6H	25.0	25.8	25.4	26.3	26.7	23.0	23.8	23.4	24.3	24.7
	8H	25.1	25.9	25.6	26.4	26.8	23.1	23.9	23.5	24.3	24.8
	12H	25.2	25.9	25.7	26.4	26.9	23.1	23.8	23.6	24.3	24.8
8H	4H	24.6	25.4	25.1	25.9	26.3	22.9	23.7	23.4	24.2	24.6
	6H	25.2	25.9	25.7	26.3	26.8	23.4	24.0	23.9	24.5	25.0
	8H	25.4	26.0	25.9	26.5	27.0	23.5	24.1	24.0	24.6	25.1
	12H	25.5	26.1	26.1	26.6	27.1	23.6	24.1	24.1	24.6	25.1
12H	4H	24.6	25.3	25.1	25.8	26.3	23.0	23.7	23.5	24.2	24.6
	6H	25.2	25.8	25.7	26.3	26.8	23.4	24.0	23.9	24.5	25.0
	8H	25.4	26.0	25.9	26.4	27.0	23.6	24.1	24.1	24.6	25.1

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 1775.293 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.)