

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-827-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-L19-827-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	3700
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	18048	16001	14165
55	15798	13655	11598
65	13442	11231	9331
75	10793	8434	6870
85	6988	4332	3315

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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	1713.656	1713.656	1713.656	1713.656	1713.656
0.5	1722.034	1709.933	1714.122	1712.725	1711.795
1.0	1721.568	1709.467	1713.656	1712.260	1711.329
1.5	1721.103	1708.537	1713.191	1711.329	1710.398
2.0	1720.172	1708.071	1711.795	1709.467	1709.933
2.5	1719.707	1707.140	1710.864	1708.537	1708.071
3.0	1718.310	1705.744	1709.467	1706.210	1705.744
3.5	1717.379	1704.348	1707.606	1704.348	1703.417
4.0	1715.052	1702.486	1705.744	1702.021	1700.625
4.5	1714.122	1700.625	1703.417	1699.228	1697.367
5.0	1711.795	1698.763	1700.625	1696.436	1694.574
5.5	1710.864	1695.970	1697.832	1692.713	1690.385
6.0	1706.675	1693.643	1694.574	1688.989	1686.662
6.5	1704.348	1691.316	1690.851	1684.800	1682.008
7.0	1701.555	1688.058	1687.593	1680.612	1677.819
7.5	1698.763	1684.800	1683.404	1675.958	1672.700
8.0	1695.505	1681.077	1679.681	1670.838	1667.115
8.5	1692.247	1677.819	1675.492	1665.253	1661.530
9.0	1688.524	1674.096	1670.373	1659.668	1655.945
9.5	1684.335	1669.442	1665.718	1653.618	1649.429
10.0	1681.077	1665.253	1660.134	1648.033	1643.379
10.5	1675.958	1660.599	1655.014	1641.982	1636.863
11.0	1671.303	1655.945	1648.964	1635.001	1630.347
11.5	1666.649	1650.825	1642.913	1628.020	1622.435
12.0	1661.530	1645.706	1636.863	1620.573	1614.988
12.5	1655.479	1639.655	1630.347	1613.127	1606.611
13.0	1650.360	1634.070	1623.366	1605.215	1598.699
13.5	1645.240	1628.020	1616.385	1597.303	1590.787
14.0	1638.724	1621.970	1609.403	1588.460	1581.478
14.5	1633.139	1614.988	1601.491	1580.082	1572.636
15.0	1626.624	1608.472	1593.579	1571.239	1563.327
15.5	1620.108	1601.491	1585.667	1561.931	1554.019
16.0	1613.127	1594.510	1577.290	1552.623	1543.780
16.5	1606.611	1587.529	1568.912	1542.849	1534.006
17.0	1599.164	1579.617	1560.069	1533.075	1523.302
17.5	1592.183	1571.705	1551.692	1522.836	1512.597
18.0	1584.271	1564.258	1542.384	1512.597	1501.893
18.5	1577.290	1555.881	1533.075	1501.893	1490.257
19.0	1568.912	1547.503	1523.302	1490.723	1478.622
19.5	1561.000	1539.126	1513.528	1480.018	1466.986
20.0	1552.623	1530.283	1503.289	1468.848	1455.351
20.5	1544.245	1521.440	1493.050	1457.213	1443.250
21.0	1535.402	1512.597	1482.811	1445.577	1430.684
21.5	1527.025	1502.823	1472.106	1433.477	1418.583
22.0	1517.717	1493.515	1460.936	1421.376	1406.483
22.5	1508.408	1483.741	1449.766	1409.275	1393.451
23.0	1499.566	1474.433	1439.062	1396.243	1380.419
23.5	1490.257	1464.194	1427.426	1383.677	1367.388
24.0	1480.484	1453.955	1415.791	1371.111	1353.891
24.5	1470.710	1443.716	1403.690	1358.079	1340.859
25.0	1460.471	1433.477	1392.055	1345.048	1327.362
25.5	1449.766	1422.307	1379.954	1331.551	1312.934
26.0	1439.527	1411.602	1366.922	1318.054	1298.972
26.5	1429.288	1400.432	1354.822	1304.557	1284.544

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CANDELA TABULATION - (Cont.)

27.0	1418.118	1389.262	1341.790	1290.594	1270.582
27.5	1406.483	1377.627	1329.224	1276.632	1256.619
28.0	1395.778	1366.457	1316.192	1262.204	1241.726
28.5	1384.608	1354.822	1303.626	1248.242	1227.298
29.0	1373.438	1343.186	1290.594	1233.814	1213.336
29.5	1360.407	1331.085	1277.097	1219.386	1198.442
30.0	1347.840	1318.519	1263.600	1204.958	1184.014
30.5	1336.205	1306.418	1250.569	1190.996	1169.121
31.0	1324.104	1294.318	1237.072	1176.568	1154.228
31.5	1312.469	1281.752	1223.575	1161.675	1139.335
32.0	1299.437	1269.185	1209.612	1147.247	1124.907
32.5	1287.336	1256.154	1196.115	1132.353	1109.548
33.0	1274.770	1243.588	1181.687	1117.926	1095.120
33.5	1262.204	1230.556	1168.656	1103.032	1079.296
34.0	1250.103	1217.524	1154.228	1088.605	1064.868
34.5	1237.537	1204.958	1140.266	1074.177	1050.441
35.0	1224.971	1191.461	1125.838	1059.283	1035.547
35.5	1211.939	1177.964	1111.875	1045.321	1020.189
36.0	1199.839	1164.932	1097.913	1030.428	1006.226
36.5	1186.807	1151.435	1083.485	1016.000	991.333
37.0	1173.310	1137.938	1069.988	1001.572	977.370
37.5	1160.278	1124.441	1056.025	986.679	962.477
38.0	1147.247	1110.479	1041.598	972.251	947.584
38.5	1133.750	1097.447	1027.635	957.823	933.156
39.0	1119.787	1083.485	1013.673	943.395	918.728
39.5	1106.756	1069.988	999.245	928.967	904.300
40.0	1093.259	1056.025	985.282	915.470	890.338
40.5	1078.831	1042.528	970.855	901.042	875.445
41.0	1065.334	1028.566	956.892	886.615	860.086
41.5	1051.837	1015.069	942.930	872.187	845.658
42.0	1037.409	1001.107	928.967	857.293	830.765
42.5	1022.516	986.679	915.005	843.331	816.337
43.0	1008.553	972.716	901.042	827.972	801.909
43.5	995.056	959.219	887.080	813.545	788.412
44.0	980.163	945.257	873.118	800.048	774.450
44.5	966.200	931.294	857.759	786.085	760.487
45.0	951.773	917.797	843.796	772.588	746.990
45.5	937.345	903.370	829.369	759.091	733.028
46.0	923.382	889.873	815.872	745.594	719.531
46.5	909.420	875.910	802.375	732.562	706.499
47.0	894.992	861.948	788.878	719.065	693.002
47.5	880.564	847.054	775.846	706.034	679.971
48.0	866.602	832.627	762.814	693.002	666.474
48.5	852.174	819.130	749.317	679.971	653.442
49.0	836.815	805.167	736.286	666.939	640.876
49.5	823.318	792.135	723.720	653.907	628.310
50.0	809.356	778.638	710.688	641.341	615.743
50.5	796.324	765.141	697.656	628.775	603.177
51.0	782.362	752.110	684.625	615.743	590.611
51.5	768.865	738.613	672.059	603.643	578.510
52.0	755.833	725.116	659.027	591.076	566.409
52.5	742.336	712.084	646.461	578.976	554.774
53.0	728.839	699.053	633.895	566.875	543.139
53.5	715.342	686.021	621.794	554.774	531.038
54.0	702.310	672.989	608.762	543.139	519.403
54.5	688.813	660.423	596.661	531.038	507.767

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CANDELA TABULATION - (Cont.)

55.0	675.782	647.392	584.095	519.868	496.132
55.5	662.285	634.825	571.994	507.767	484.962
56.0	648.788	621.794	559.894	496.597	473.792
56.5	635.756	609.228	547.793	485.427	463.320
57.0	622.259	596.661	535.227	474.257	452.290
57.5	609.228	584.561	523.591	463.087	441.539
58.0	596.196	571.994	511.491	452.104	430.974
58.5	583.164	559.428	499.390	441.259	420.409
59.0	570.133	547.327	487.754	430.601	409.937
59.5	557.101	535.227	476.119	419.943	399.745
60.0	544.535	523.126	464.391	409.239	389.598
60.5	531.969	511.025	453.034	398.814	379.452
61.0	519.403	499.390	441.446	388.481	369.493
61.5	507.302	487.289	430.183	378.056	359.672
62.0	494.736	475.188	418.827	368.096	350.178
62.5	482.635	463.692	407.843	358.090	340.497
63.0	470.534	452.197	396.905	348.130	331.003
63.5	458.666	440.701	385.968	338.077	321.415
64.0	447.124	429.298	375.310	328.396	312.200
64.5	435.209	417.896	364.559	318.762	303.031
65.0	423.667	406.726	353.994	309.128	294.095
65.5	412.218	395.416	343.336	299.680	284.973
66.0	400.815	384.200	333.051	290.465	276.037
66.5	389.505	373.123	322.718	281.110	267.008
67.0	378.056	362.139	312.526	271.849	258.352
67.5	366.607	351.155	302.473	262.913	249.695
68.0	355.623	340.358	292.327	253.930	240.945
68.5	344.407	329.653	282.414	245.087	232.521
69.0	333.283	318.949	272.593	236.291	224.144
69.5	322.486	308.291	263.006	227.588	215.999
70.0	311.548	297.679	253.232	219.071	207.761
70.5	300.751	287.254	243.644	210.600	199.802
71.0	289.953	276.922	234.336	202.362	191.751
71.5	279.388	266.496	225.028	194.171	183.978
72.0	268.870	256.350	215.813	186.026	176.206
72.5	258.398	246.297	206.644	178.068	168.666
73.0	248.206	236.384	197.662	170.062	161.266
73.5	238.013	226.331	188.819	162.430	153.866
74.0	228.007	216.464	180.069	154.750	146.512
74.5	218.093	206.784	171.412	147.304	139.531
75.0	208.320	197.243	162.802	139.811	132.597
75.5	198.732	187.888	154.471	132.690	125.708
76.0	189.377	178.626	146.326	125.569	119.053
76.5	179.976	169.364	138.182	118.727	112.537
77.0	171.086	160.335	130.363	111.886	106.068
77.5	162.057	151.446	122.590	105.277	99.738
78.0	153.075	142.696	114.911	98.807	93.734
78.5	144.185	134.039	107.557	92.524	87.638
79.0	135.715	125.708	100.343	86.334	81.773
79.5	127.384	117.238	93.316	80.144	76.049
80.0	119.100	109.140	86.334	74.327	70.510
80.5	110.862	101.088	79.539	68.556	65.018
81.0	102.903	93.269	73.024	63.064	59.806
81.5	95.038	85.683	66.647	57.618	54.640
82.0	87.451	78.003	60.597	52.313	49.520
82.5	80.051	70.743	54.640	47.146	44.633

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CANDELA TABULATION - (Cont.)

83.0	72.744	63.576	48.869	42.120	39.653
83.5	65.530	56.734	43.423	37.187	34.906
84.0	58.642	50.032	38.117	32.346	30.298
84.5	51.847	43.702	33.044	27.739	25.877
85.0	45.424	37.605	28.158	23.410	21.549
85.5	39.188	31.741	23.503	18.989	16.895
86.0	33.324	26.156	19.315	14.428	11.775
86.5	27.506	21.130	15.266	9.122	7.260
87.0	22.154	16.383	10.891	5.771	5.166
87.5	17.174	12.194	6.283	4.421	4.049
88.0	12.566	8.331	3.956	3.398	3.165
88.5	8.657	4.654	2.932	2.467	2.187
89.0	5.445	2.327	1.955	1.582	1.396
89.5	2.699	1.257	1.070	0.791	0.698
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-L19-827-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-L19-827-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-L19-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	608.71	N.A.	16.50
0-30	1247.74	N.A.	33.70
0-40	1951.67	N.A.	52.80
0-60	3127.64	N.A.	84.50
0-80	3661.27	N.A.	99.00
0-90	3699.58	N.A.	100.00
10-90	3538.64	N.A.	95.60
20-40	1342.97	N.A.	36.30
20-50	1995.75	N.A.	53.90
40-70	1530.56	N.A.	41.40
60-80	533.63	N.A.	14.40
70-80	179.04	N.A.	4.80
80-90	38.31	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	3699.58	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	160.94
10-20	447.77
20-30	639.03
30-40	703.94
40-50	652.78
50-60	523.18
60-70	354.59
70-80	179.04
80-90	38.31
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-L19-827-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-L19-827-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	21.5	23.1	21.9	23.4	23.7	19.8	21.3	20.2	21.7	22.0
	3H	23.1	24.5	23.5	24.8	25.2	21.1	22.5	21.5	22.9	23.2
	4H	23.7	25.0	24.1	25.3	25.7	21.6	22.9	22.0	23.2	23.6
	6H	24.1	25.2	24.5	25.6	26.0	21.8	23.0	22.2	23.4	23.8
	8H	24.1	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8
	12H	24.2	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8

UGR Viewed Endwise

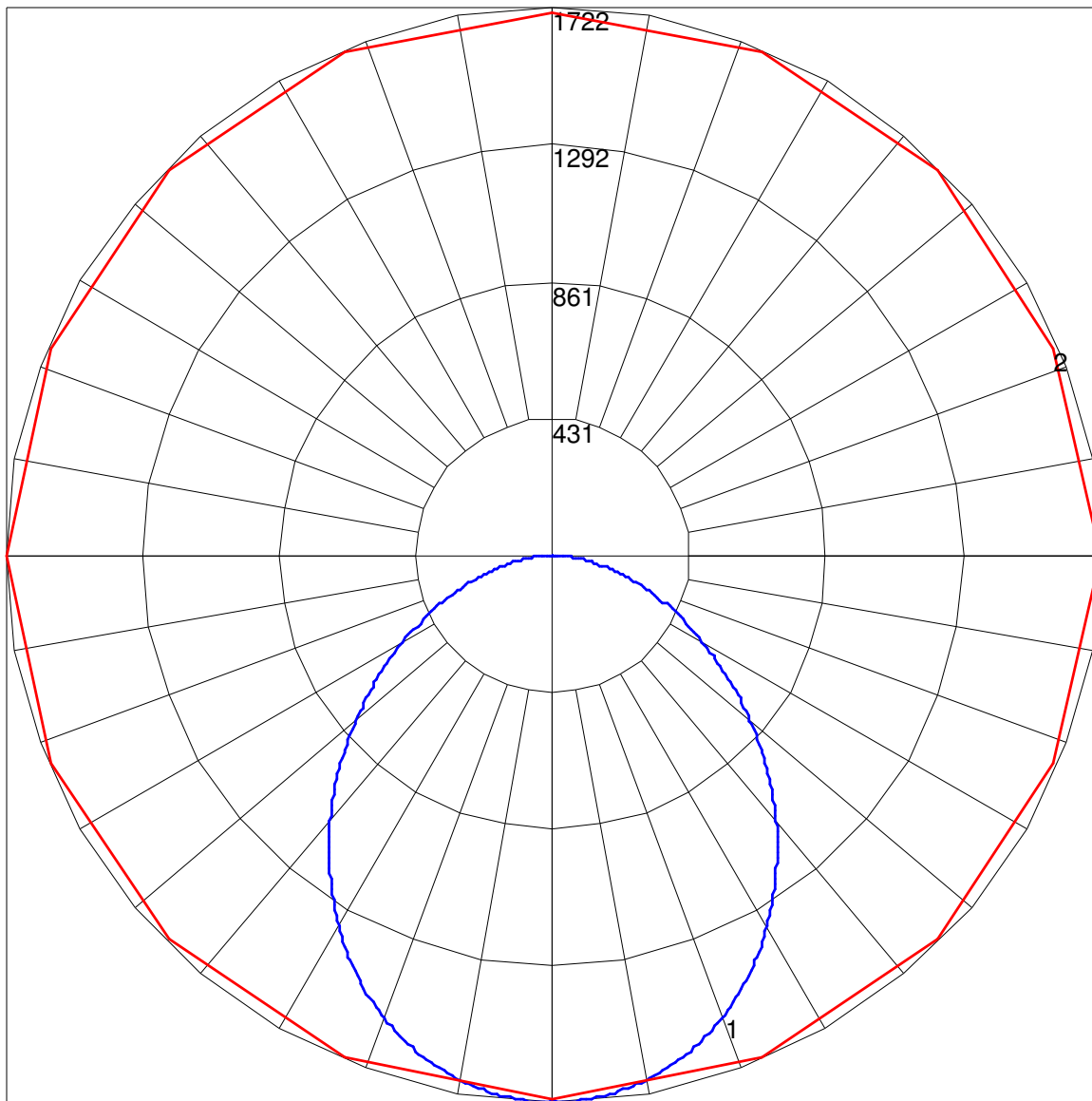
4H	2H	21.9	23.2	22.3	23.6	23.9	20.5	21.8	20.9	22.1	22.5
	3H	23.7	24.8	24.1	25.2	25.6	22.0	23.1	22.4	23.5	23.9
	4H	24.4	25.4	24.8	25.8	26.2	22.5	23.5	23.0	23.9	24.4
	6H	24.9	25.7	25.3	26.2	26.6	22.9	23.7	23.3	24.2	24.6
	8H	25.0	25.8	25.5	26.3	26.7	23.0	23.8	23.4	24.2	24.7
	12H	25.1	25.8	25.6	26.3	26.8	23.0	23.7	23.5	24.2	24.7

8H	4H	24.5	25.3	25.0	25.7	26.2	22.8	23.6	23.3	24.1	24.5
	6H	25.1	25.8	25.6	26.2	26.7	23.3	23.9	23.8	24.4	24.9
	8H	25.3	25.9	25.8	26.4	26.9	23.4	24.0	23.9	24.5	25.0
	12H	25.4	26.0	26.0	26.5	27.0	23.5	24.0	24.0	24.5	25.0

12H	4H	24.5	25.2	25.0	25.7	26.2	22.9	23.6	23.4	24.1	24.5
	6H	25.1	25.7	25.6	26.2	26.7	23.3	23.9	23.8	24.4	24.9
	8H	25.3	25.9	25.8	26.3	26.9	23.5	24.0	24.0	24.5	25.0

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 1722.034 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.)