

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L12-927-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-L12-927-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	3901
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
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	16660	14424	12582
55	14724	12349	10217
65	12630	9938	8021
75	10133	7086	5504
85	6671	2112	1144

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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	1855.266	1855.266	1855.266	1855.266	1855.266
0.5	1858.157	1852.374	1857.001	1855.844	1850.639
1.0	1857.001	1851.796	1857.001	1855.266	1850.061
1.5	1856.422	1850.639	1855.266	1853.531	1848.326
2.0	1855.844	1850.061	1854.687	1852.374	1846.591
2.5	1854.687	1848.904	1852.952	1850.061	1844.856
3.0	1853.531	1847.747	1851.217	1847.747	1841.964
3.5	1851.796	1846.012	1848.326	1844.277	1839.072
4.0	1850.061	1843.699	1846.012	1841.386	1835.024
4.5	1848.326	1841.386	1842.542	1837.337	1830.398
5.0	1847.169	1839.072	1839.651	1832.711	1826.349
5.5	1843.699	1836.181	1835.603	1828.663	1821.723
6.0	1841.386	1833.289	1831.554	1823.458	1816.518
6.5	1838.494	1829.819	1827.506	1817.674	1810.735
7.0	1835.024	1825.771	1822.879	1812.470	1803.795
7.5	1831.554	1822.301	1817.674	1805.530	1796.855
8.0	1828.084	1818.253	1812.470	1799.168	1789.337
8.5	1824.036	1813.626	1806.686	1792.228	1782.975
9.0	1819.409	1809.000	1800.903	1784.710	1775.457
9.5	1815.361	1804.951	1794.541	1777.192	1766.782
10.0	1810.735	1799.746	1788.180	1769.095	1758.107
10.5	1806.686	1794.541	1781.240	1760.420	1748.854
11.0	1801.481	1788.758	1773.722	1751.745	1738.444
11.5	1796.855	1783.553	1766.204	1742.492	1729.769
12.0	1793.385	1778.348	1758.107	1733.239	1719.938
12.5	1785.867	1772.565	1750.010	1722.829	1710.106
13.0	1778.927	1765.625	1741.914	1712.998	1699.118
13.5	1773.143	1757.529	1733.239	1703.166	1688.130
14.0	1766.204	1750.010	1723.986	1692.178	1677.142
14.5	1759.264	1741.914	1714.733	1681.190	1665.575
15.0	1752.324	1734.396	1706.058	1670.202	1653.430
15.5	1745.384	1726.877	1696.805	1658.057	1641.285
16.0	1737.866	1718.781	1687.551	1646.490	1629.719
16.5	1730.926	1710.106	1677.142	1634.924	1616.996
17.0	1722.251	1701.431	1665.575	1622.201	1603.694
17.5	1714.154	1692.756	1654.587	1610.056	1590.971
18.0	1706.636	1683.503	1643.599	1597.333	1577.091
18.5	1697.383	1674.250	1632.032	1584.031	1563.790
19.0	1688.708	1664.997	1620.466	1571.886	1550.488
19.5	1680.612	1655.165	1608.899	1558.007	1535.452
20.0	1670.780	1645.334	1597.333	1544.127	1521.572
20.5	1662.105	1636.081	1585.766	1530.825	1507.692
21.0	1652.852	1625.671	1573.043	1517.524	1493.234
21.5	1643.020	1615.261	1560.320	1503.644	1478.776
22.0	1633.189	1604.851	1548.175	1489.186	1464.318
22.5	1623.357	1593.863	1536.030	1474.728	1449.860
23.0	1612.948	1583.453	1522.729	1460.270	1434.824
23.5	1603.116	1572.465	1509.427	1446.390	1419.787
24.0	1591.550	1560.898	1496.126	1431.354	1405.329
24.5	1581.140	1549.332	1482.246	1416.895	1390.293
25.0	1570.151	1537.765	1469.523	1401.859	1375.256
25.5	1559.163	1526.199	1455.643	1386.823	1359.641
26.0	1548.175	1513.476	1441.763	1372.364	1344.605
26.5	1536.609	1501.909	1427.884	1357.328	1328.990

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CANDELA TABULATION - (Cont.)

27.0	1524.464	1489.186	1414.004	1342.292	1313.954
27.5	1512.319	1477.041	1399.546	1327.255	1298.339
28.0	1499.018	1464.318	1385.666	1312.219	1282.724
28.5	1485.716	1451.595	1371.786	1297.761	1267.109
29.0	1473.571	1438.872	1356.750	1282.146	1251.495
29.5	1461.426	1425.570	1342.292	1266.531	1235.302
30.0	1448.125	1412.269	1328.412	1251.495	1220.843
30.5	1435.980	1399.546	1313.954	1235.880	1205.229
31.0	1422.679	1386.244	1299.496	1220.265	1190.192
31.5	1410.534	1372.364	1284.459	1205.229	1175.156
32.0	1397.232	1358.485	1270.001	1189.614	1159.541
32.5	1383.931	1344.605	1254.965	1173.421	1143.926
33.0	1371.208	1330.725	1240.506	1158.384	1128.890
33.5	1357.906	1317.424	1226.048	1143.926	1113.853
34.0	1344.027	1302.965	1211.012	1128.311	1098.239
34.5	1330.725	1289.086	1196.554	1113.275	1083.780
35.0	1316.845	1275.206	1181.517	1098.239	1067.587
35.5	1304.122	1260.748	1166.481	1083.202	1051.973
36.0	1290.242	1246.868	1152.023	1067.587	1035.201
36.5	1276.363	1232.410	1136.986	1051.973	1020.743
37.0	1263.061	1217.952	1121.950	1035.779	1005.707
37.5	1248.603	1203.494	1108.070	1020.743	991.248
38.0	1233.567	1189.614	1093.034	1006.285	976.212
38.5	1219.687	1174.577	1077.997	991.827	961.754
39.0	1206.385	1160.119	1061.804	976.790	947.296
39.5	1191.349	1145.661	1046.189	962.332	932.838
40.0	1177.469	1131.203	1031.153	948.452	918.380
40.5	1163.011	1116.745	1016.695	933.416	903.921
41.0	1147.396	1102.287	1002.237	919.536	889.463
41.5	1132.938	1087.250	987.200	905.078	875.584
42.0	1117.902	1072.214	973.320	891.198	861.125
42.5	1102.865	1056.599	958.284	876.740	847.246
43.0	1088.407	1040.406	944.983	862.860	832.788
43.5	1072.792	1025.948	930.524	848.981	818.329
44.0	1056.599	1011.490	916.066	835.101	803.871
44.5	1039.828	996.453	902.186	821.221	789.413
45.0	1025.370	981.995	887.728	807.341	774.377
45.5	1010.912	967.537	873.849	793.461	759.919
46.0	995.875	953.079	859.390	779.003	746.039
46.5	980.839	938.621	845.511	765.124	731.581
47.0	965.802	924.163	832.209	750.665	717.701
47.5	951.344	909.705	818.329	736.786	703.821
48.0	936.308	895.247	804.450	722.328	689.941
48.5	921.850	881.367	790.570	708.448	676.062
49.0	907.391	866.909	777.268	694.568	662.182
49.5	892.355	852.451	763.389	680.688	648.880
50.0	878.475	838.571	750.087	667.387	636.157
50.5	864.017	824.113	736.786	653.507	622.856
51.0	849.559	810.233	723.484	640.205	609.554
51.5	835.101	796.353	710.183	626.904	596.831
52.0	820.643	782.473	696.881	613.602	584.108
52.5	806.763	768.593	683.580	600.879	571.269
53.0	792.305	755.292	670.278	587.578	558.372
53.5	777.847	741.412	656.977	574.797	546.690
54.0	763.389	727.532	643.675	562.016	534.025
54.5	749.509	713.653	629.796	549.466	521.880

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CANDELA TABULATION - (Cont.)

55.0	735.051	700.351	616.494	536.685	510.082
55.5	721.171	687.050	603.193	524.367	498.285
56.0	706.713	673.748	589.313	511.991	486.371
56.5	692.833	659.868	576.243	499.962	474.400
57.0	678.375	647.145	563.115	487.817	462.949
57.5	665.073	633.844	549.987	475.961	451.382
58.0	651.194	620.542	536.917	464.163	440.221
58.5	636.735	607.241	524.136	452.481	428.886
59.0	623.434	593.939	511.239	440.973	417.666
59.5	609.554	581.216	498.458	429.464	406.794
60.0	596.253	568.146	485.908	418.302	396.152
60.5	582.373	555.423	473.590	406.967	385.338
61.0	568.956	542.642	461.272	395.748	374.812
61.5	555.539	529.919	448.953	384.759	364.576
62.0	542.179	517.196	436.693	374.234	354.224
62.5	529.109	504.762	424.548	363.535	343.930
63.0	516.039	492.386	412.577	352.894	333.983
63.5	503.258	480.125	400.606	342.426	324.267
64.0	490.072	467.807	388.866	332.132	314.262
64.5	477.234	455.662	377.183	321.896	304.604
65.0	464.568	443.459	365.559	311.833	295.061
65.5	451.845	431.372	354.050	301.770	285.519
66.0	439.353	419.575	342.657	291.996	276.092
66.5	426.977	407.661	331.496	282.107	266.897
67.0	414.427	395.748	320.218	272.449	257.759
67.5	402.109	384.008	309.288	262.906	248.564
68.0	390.022	372.036	298.184	253.422	239.600
68.5	377.877	360.007	287.543	244.169	230.694
69.0	365.848	347.747	276.902	234.858	221.903
69.5	353.877	335.833	266.376	225.778	213.344
70.0	341.848	323.862	255.967	216.814	204.553
70.5	329.934	311.890	245.672	207.908	196.226
71.0	318.079	300.093	235.494	199.059	187.782
71.5	306.570	288.468	225.489	190.442	179.338
72.0	295.235	276.960	215.657	181.767	171.068
72.5	283.610	265.740	205.941	173.324	162.914
73.0	272.333	254.463	196.399	164.938	154.991
73.5	260.998	243.243	187.030	156.610	146.952
74.0	250.068	232.429	177.777	148.629	139.261
74.5	239.079	221.614	168.697	140.475	131.569
75.0	228.265	210.857	159.618	132.552	123.993
75.5	217.508	200.447	150.827	124.745	116.706
76.0	207.156	190.037	142.210	117.226	109.419
76.5	196.862	179.975	133.651	109.824	102.421
77.0	186.683	169.796	125.323	102.479	95.713
77.5	176.736	159.907	117.111	95.424	89.004
78.0	166.847	150.191	109.014	88.542	82.469
78.5	157.246	140.649	100.975	81.833	76.108
79.0	147.762	131.222	93.226	75.240	69.862
79.5	138.624	121.911	85.708	68.878	63.674
80.0	129.603	112.831	78.421	62.690	57.717
80.5	120.754	103.925	71.365	56.502	51.760
81.0	112.021	95.134	64.657	50.488	45.977
81.5	103.520	86.633	58.064	44.531	40.078
82.0	95.250	78.421	51.818	38.806	34.237
82.5	87.211	70.440	45.688	32.907	28.049

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CANDELA TABULATION - (Cont.)

83.0	79.404	62.690	39.673	26.892	21.398
83.5	71.828	55.172	33.890	20.241	14.285
84.0	64.483	48.059	28.222	13.475	11.046
84.5	57.428	41.235	22.497	10.294	9.774
85.0	50.603	34.757	16.020	9.022	8.675
85.5	44.068	28.685	9.716	7.923	7.634
86.0	37.765	22.902	7.634	6.824	6.593
86.5	31.634	17.465	6.477	5.783	5.552
87.0	25.909	12.145	5.378	4.800	4.569
87.5	20.415	6.419	4.280	3.759	3.643
88.0	15.268	4.048	3.296	2.834	2.660
88.5	10.526	3.007	2.313	1.966	1.851
89.0	6.419	1.966	1.388	1.157	1.099
89.5	2.892	1.041	0.694	0.578	0.463
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 : LRX2X-4-L12-927-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-L12-927-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-L12-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	652.44	N.A.	16.70
0-30	1328.2	N.A.	34.10
0-40	2069.62	N.A.	53.10
0-60	3313.64	N.A.	85.00
0-80	3867.61	N.A.	99.20
0-90	3900.6	N.A.	100.00
10-90	3726.9	N.A.	95.50
20-40	1417.18	N.A.	36.30
20-50	2107.12	N.A.	54.00
40-70	1616.46	N.A.	41.40
60-80	553.97	N.A.	14.20
70-80	181.53	N.A.	4.70
80-90	32.99	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	3900.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	173.70
10-20	478.74
20-30	675.76
30-40	741.42
40-50	689.94
50-60	554.08
60-70	372.44
70-80	181.53
80-90	32.99
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-L12-927-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	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-L12-927-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	21.3	22.8	21.7	23.2	23.5	19.2	20.7	19.6	21.0	21.3
	3H	22.9	24.3	23.3	24.6	25.0	20.4	21.8	20.8	22.2	22.5
	4H	23.5	24.8	23.9	25.1	25.5	20.8	22.1	21.2	22.5	22.8
	6H	23.8	25.0	24.2	25.4	25.8	21.0	22.2	21.4	22.6	23.0
	8H	23.9	25.1	24.4	25.5	25.9	21.0	22.2	21.5	22.5	22.9
	12H	24.0	25.1	24.4	25.5	25.9	21.0	22.1	21.4	22.5	22.9

UGR Viewed Endwise

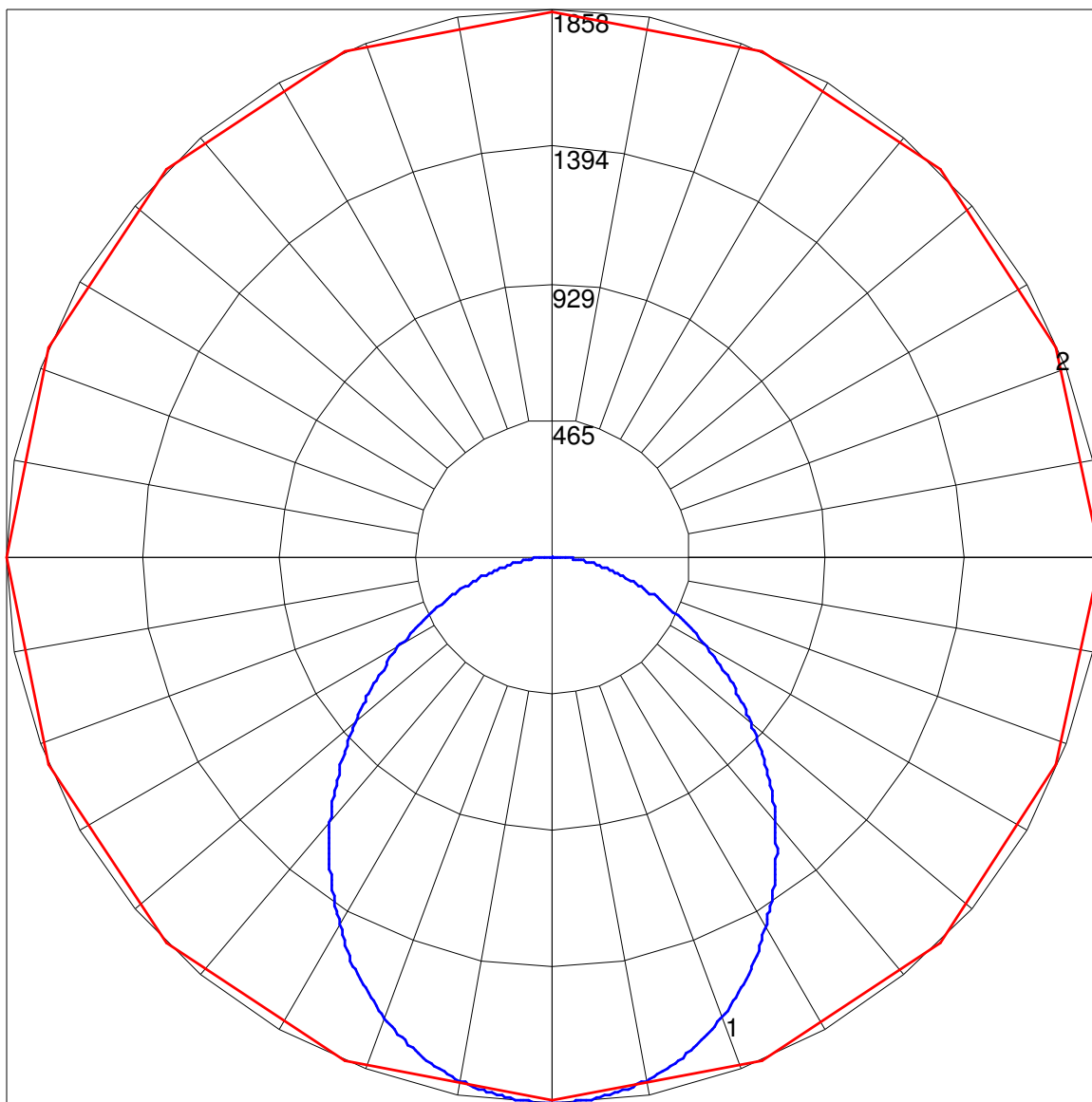
4H	2H	21.6	22.9	22.0	23.3	23.6	19.9	21.2	20.3	21.5	21.9
	3H	23.5	24.5	23.9	24.9	25.3	21.3	22.4	21.7	22.8	23.2
	4H	24.1	25.1	24.6	25.5	26.0	21.8	22.7	22.2	23.2	23.6
	6H	24.6	25.5	25.1	25.9	26.4	22.0	22.9	22.5	23.3	23.8
	8H	24.8	25.5	25.2	26.0	26.5	22.0	22.8	22.5	23.3	23.7
	12H	24.8	25.6	25.3	26.0	26.5	22.0	22.7	22.5	23.2	23.7

8H	4H	24.2	25.0	24.7	25.4	25.9	22.1	22.9	22.5	23.3	23.8
	6H	24.8	25.4	25.3	25.9	26.4	22.4	23.0	22.9	23.5	24.0
	8H	25.0	25.6	25.5	26.1	26.6	22.4	23.0	22.9	23.5	24.0
	12H	25.1	25.6	25.6	26.1	26.7	22.4	22.9	22.9	23.4	24.0

12H	4H	24.2	24.9	24.7	25.4	25.9	22.1	22.8	22.6	23.3	23.8
	6H	24.8	25.4	25.3	25.8	26.4	22.4	23.0	23.0	23.5	24.0
	8H	25.0	25.5	25.5	26.0	26.6	22.5	23.0	23.0	23.5	24.1

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 1858.157 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.)