

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L12-935-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L12-935-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	4001
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
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	9758	8651	7659
55	8542	7383	6271
65	7268	6073	5045
75	5835	4560	3714
85	3779	2342	1792

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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	1853.089	1853.089	1853.089	1853.089	1853.089
0.5	1862.149	1849.063	1853.593	1852.083	1851.076
1.0	1861.645	1848.560	1853.089	1851.580	1850.573
1.5	1861.142	1847.553	1852.586	1850.573	1849.566
2.0	1860.135	1847.050	1851.076	1848.560	1849.063
2.5	1859.632	1846.043	1850.070	1847.553	1847.050
3.0	1858.122	1844.534	1848.560	1845.037	1844.534
3.5	1857.116	1843.024	1846.547	1843.024	1842.017
4.0	1854.599	1841.011	1844.534	1840.507	1838.997
4.5	1853.593	1838.997	1842.017	1837.488	1835.474
5.0	1851.076	1836.984	1838.997	1834.468	1832.455
5.5	1850.070	1833.965	1835.978	1830.442	1827.925
6.0	1845.540	1831.448	1832.455	1826.415	1823.899
6.5	1843.024	1828.932	1828.429	1821.886	1818.866
7.0	1840.004	1825.409	1824.906	1817.356	1814.337
7.5	1836.984	1821.886	1820.376	1812.323	1808.800
8.0	1833.461	1817.860	1816.350	1806.787	1802.761
8.5	1829.938	1814.337	1811.820	1800.748	1796.722
9.0	1825.912	1810.310	1806.284	1794.709	1790.682
9.5	1821.383	1805.277	1801.251	1788.166	1783.636
10.0	1817.860	1800.748	1795.212	1782.126	1777.094
10.5	1812.323	1795.715	1789.676	1775.584	1770.048
11.0	1807.291	1790.682	1783.133	1768.035	1763.002
11.5	1802.258	1785.146	1776.590	1760.485	1754.446
12.0	1796.722	1779.610	1770.048	1752.433	1746.393
12.5	1790.179	1773.067	1763.002	1744.380	1737.334
13.0	1784.643	1767.028	1755.452	1735.824	1728.778
13.5	1779.107	1760.485	1747.903	1727.269	1720.223
14.0	1772.061	1753.943	1740.354	1717.706	1710.157
14.5	1766.021	1746.393	1731.798	1708.647	1700.595
15.0	1758.975	1739.347	1723.242	1699.085	1690.529
15.5	1751.929	1731.798	1714.686	1689.019	1680.463
16.0	1744.380	1724.249	1705.627	1678.953	1669.391
16.5	1737.334	1716.700	1696.568	1668.384	1658.822
17.0	1729.282	1708.144	1687.006	1657.815	1647.247
17.5	1721.732	1699.588	1677.947	1646.743	1635.671
18.0	1713.177	1691.535	1667.881	1635.671	1624.095
18.5	1705.627	1682.476	1657.815	1624.095	1611.513
19.0	1696.568	1673.417	1647.247	1612.017	1598.931
19.5	1688.012	1664.358	1636.678	1600.441	1586.349
20.0	1678.953	1654.796	1625.605	1588.362	1573.767
20.5	1669.894	1645.233	1614.533	1575.780	1560.682
21.0	1660.332	1635.671	1603.461	1563.198	1547.093
21.5	1651.273	1625.102	1591.885	1550.113	1534.008
22.0	1641.207	1615.036	1579.807	1537.027	1520.922
22.5	1631.141	1604.467	1567.728	1523.942	1506.830
23.0	1621.579	1594.402	1556.152	1509.850	1492.739
23.5	1611.513	1583.330	1543.570	1496.261	1478.647
24.0	1600.944	1572.257	1530.988	1482.673	1464.051
24.5	1590.375	1561.185	1517.903	1468.581	1449.959
25.0	1579.303	1550.113	1505.321	1454.489	1435.364
25.5	1567.728	1538.034	1492.235	1439.894	1419.762
26.0	1556.655	1526.458	1478.143	1425.299	1404.664
26.5	1545.583	1514.380	1465.058	1410.703	1389.062

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CANDELA TABULATION - (Cont.)

27.0	1533.504	1502.301	1450.966	1395.605	1373.964
27.5	1520.922	1489.719	1437.377	1380.506	1358.865
28.0	1509.347	1477.640	1423.285	1364.905	1342.760
28.5	1497.268	1465.058	1409.697	1349.806	1327.158
29.0	1485.189	1452.476	1395.605	1334.204	1312.060
29.5	1471.097	1439.390	1381.010	1318.602	1295.955
30.0	1457.509	1425.802	1366.414	1303.001	1280.353
30.5	1444.927	1412.716	1352.322	1287.902	1264.248
31.0	1431.841	1399.631	1337.727	1272.300	1248.143
31.5	1419.259	1386.042	1323.132	1256.195	1232.038
32.0	1405.167	1372.454	1308.034	1240.594	1216.436
32.5	1392.082	1358.362	1293.438	1224.488	1199.828
33.0	1378.493	1344.773	1277.837	1208.887	1184.226
33.5	1364.905	1330.681	1263.745	1192.782	1167.114
34.0	1351.819	1316.589	1248.143	1177.180	1151.512
34.5	1338.231	1303.001	1233.044	1161.578	1135.911
35.0	1324.642	1288.405	1217.442	1145.473	1119.806
35.5	1310.550	1273.810	1202.344	1130.374	1103.197
36.0	1297.465	1259.718	1187.245	1114.269	1088.099
36.5	1283.373	1245.123	1171.644	1098.668	1071.994
37.0	1268.777	1230.528	1157.048	1083.066	1056.895
37.5	1254.685	1215.933	1141.950	1066.961	1040.790
38.0	1240.594	1200.834	1126.348	1051.359	1024.685
38.5	1225.998	1186.742	1111.250	1035.757	1009.083
39.0	1210.900	1171.644	1096.151	1020.155	993.481
39.5	1196.808	1157.048	1080.549	1004.554	977.880
40.0	1182.213	1141.950	1065.451	989.958	962.781
40.5	1166.611	1127.355	1049.849	974.357	946.676
41.0	1152.016	1112.256	1034.751	958.755	930.068
41.5	1137.420	1097.661	1019.652	943.153	914.466
42.0	1121.819	1082.563	1004.554	927.048	898.361
42.5	1105.714	1066.961	989.455	911.949	882.759
43.0	1090.615	1051.862	974.357	895.341	867.157
43.5	1076.020	1037.267	959.258	879.739	852.562
44.0	1059.915	1022.169	944.160	865.144	837.464
44.5	1044.816	1007.070	927.551	850.046	822.365
45.0	1029.215	992.475	912.453	835.450	807.770
45.5	1013.613	976.873	896.851	820.855	792.671
46.0	998.514	962.278	882.256	806.260	778.076
46.5	983.416	947.179	867.661	792.168	763.984
47.0	967.814	932.081	853.065	777.573	749.389
47.5	952.212	915.976	838.973	763.481	735.297
48.0	937.114	900.374	824.881	749.389	720.702
48.5	921.512	885.779	810.286	735.297	706.610
49.0	904.904	870.680	796.194	721.205	693.021
49.5	890.308	856.588	782.606	707.113	679.433
50.0	875.210	841.993	768.514	693.524	665.844
50.5	861.118	827.398	754.422	679.936	652.255
51.0	846.019	813.306	740.330	665.844	638.667
51.5	831.424	798.711	726.741	652.759	625.581
52.0	817.332	784.116	712.649	639.170	612.496
52.5	802.737	770.024	699.061	626.085	599.914
53.0	788.142	755.932	685.472	612.999	587.332
53.5	773.547	741.840	672.387	599.914	574.246
54.0	759.455	727.748	658.295	587.332	561.664
54.5	744.859	714.159	645.209	574.246	549.082

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CANDELA TABULATION - (Cont.)

55.0	730.767	700.067	631.621	562.168	536.500
55.5	716.172	686.479	618.535	549.082	524.421
56.0	701.577	672.387	605.450	537.003	512.342
56.5	687.485	658.798	592.365	524.925	501.019
57.0	672.890	645.209	578.776	512.846	489.091
57.5	658.798	632.124	566.194	500.767	477.465
58.0	644.706	618.535	553.108	488.889	466.040
58.5	630.614	604.947	540.023	477.163	454.616
59.0	616.522	591.861	527.441	465.638	443.292
59.5	602.430	578.776	514.859	454.113	432.270
60.0	588.842	565.691	502.176	442.537	421.299
60.5	575.253	552.605	489.896	431.264	410.327
61.0	561.664	540.023	477.364	420.091	399.557
61.5	548.579	526.938	465.185	408.817	388.937
62.0	534.990	513.852	452.905	398.047	378.670
62.5	521.905	501.421	441.027	387.226	368.202
63.0	508.819	488.990	429.200	376.456	357.935
63.5	495.986	476.559	417.373	365.585	347.568
64.0	483.504	464.229	405.848	355.117	337.602
64.5	470.620	451.898	394.222	344.699	327.688
65.0	458.139	439.819	382.797	334.281	318.025
65.5	445.758	427.590	371.272	324.064	308.160
66.0	433.428	415.460	360.150	314.099	298.497
66.5	421.198	403.482	348.977	303.983	288.734
67.0	408.817	391.605	337.955	293.968	279.373
67.5	396.436	379.727	327.084	284.305	270.012
68.0	384.559	368.051	316.112	274.591	260.550
68.5	372.430	356.476	305.392	265.029	251.440
69.0	360.401	344.900	294.773	255.517	242.381
69.5	348.725	333.375	284.405	246.106	233.574
70.0	336.898	321.900	273.836	236.895	224.666
70.5	325.222	310.627	263.469	227.736	216.060
71.0	313.546	299.454	253.403	218.828	207.353
71.5	302.121	288.180	243.338	209.970	198.948
72.0	290.747	277.208	233.373	201.162	190.543
72.5	279.423	266.338	223.458	192.556	182.390
73.0	268.401	255.618	213.744	183.900	174.388
73.5	257.379	244.747	204.182	175.646	166.385
74.0	246.559	234.077	194.720	167.342	158.434
74.5	235.839	223.609	185.359	159.289	150.884
75.0	225.270	213.291	176.049	151.186	143.385
75.5	214.902	203.176	167.040	143.486	135.937
76.0	204.786	193.160	158.232	135.786	128.740
76.5	194.620	183.145	149.425	128.388	121.694
77.0	185.007	173.381	140.970	120.989	114.698
77.5	175.243	163.768	132.565	113.843	107.854
78.0	165.530	154.307	124.261	106.847	101.361
78.5	155.917	144.946	116.309	100.053	94.768
79.0	146.757	135.937	108.508	93.359	88.427
79.5	137.749	126.777	100.908	86.665	82.237
80.0	128.790	118.020	93.359	80.374	76.247
80.5	119.882	109.313	86.011	74.134	70.309
81.0	111.276	100.858	78.965	68.195	64.672
81.5	102.770	92.654	72.070	62.306	59.085
82.0	94.567	84.350	65.527	56.569	53.549
82.5	86.565	76.499	59.085	50.983	48.265

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CANDELA TABULATION - (Cont.)

83.0	78.663	68.749	52.845	45.547	42.880
83.5	70.862	61.350	46.956	40.212	37.746
84.0	63.414	54.103	41.219	34.978	32.764
84.5	56.066	47.258	35.733	29.996	27.983
85.0	49.120	40.665	30.449	25.315	23.302
85.5	42.376	34.324	25.416	20.534	18.269
86.0	36.035	28.285	20.886	15.602	12.733
86.5	29.744	22.849	16.508	9.864	7.851
87.0	23.956	17.716	11.777	6.241	5.586
87.5	18.571	13.186	6.794	4.781	4.379
88.0	13.589	9.009	4.278	3.674	3.422
88.5	9.361	5.033	3.171	2.667	2.365
89.0	5.888	2.516	2.114	1.711	1.510
89.5	2.919	1.359	1.158	0.856	0.755
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-L12-935-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-L12-935-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-L12-935-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	658.23	N.A.	16.50
0-30	1349.26	N.A.	33.70
0-40	2110.47	N.A.	52.80
0-60	3382.12	N.A.	84.50
0-80	3959.17	N.A.	99.00
0-90	4000.6	N.A.	100.00
10-90	3826.57	N.A.	95.60
20-40	1452.24	N.A.	36.30
20-50	2158.14	N.A.	53.90
40-70	1655.09	N.A.	41.40
60-80	577.05	N.A.	14.40
70-80	193.60	N.A.	4.80
80-90	41.43	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	4000.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	174.03
10-20	484.20
20-30	691.03
30-40	761.21
40-50	705.90
50-60	565.75
60-70	383.44
70-80	193.60
80-90	41.43
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-L12-935-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-L12-935-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

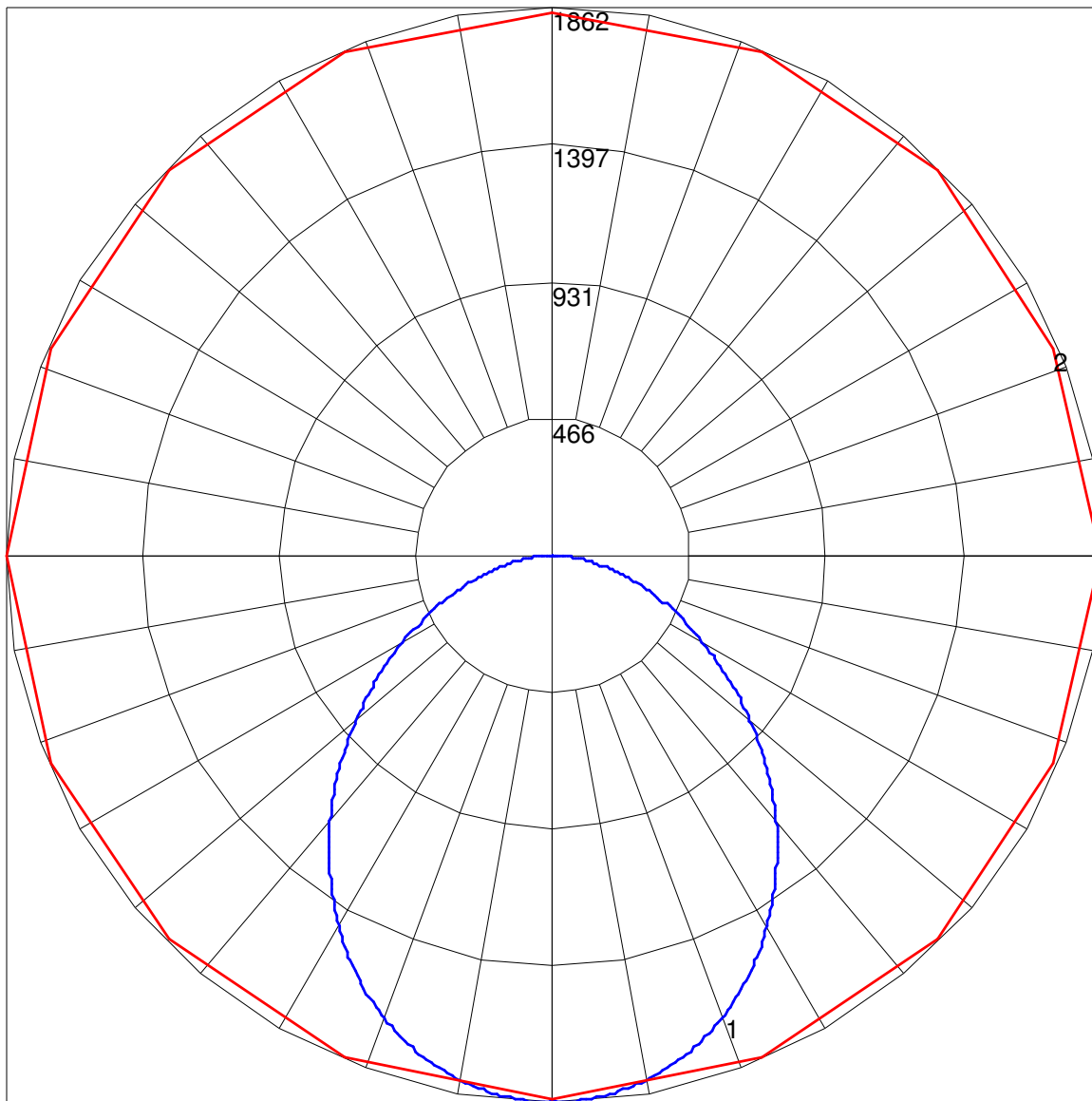
Reflectances

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	19.3	20.9	19.7	21.2	21.5	17.6	19.1	18.0	19.4	19.8
	3H	20.9	22.3	21.3	22.6	23.0	18.9	20.3	19.3	20.6	21.0
	4H	21.5	22.8	21.9	23.1	23.5	19.4	20.7	19.8	21.0	21.4
	6H	21.8	23.0	22.3	23.4	23.8	19.6	20.8	20.0	21.2	21.6
	8H	21.9	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
	12H	22.0	23.1	22.4	23.5	23.9	19.7	20.8	20.1	21.2	21.6
4H	2H	19.7	21.0	20.1	21.3	21.7	18.3	19.6	18.7	19.9	20.3
	3H	21.5	22.6	21.9	23.0	23.4	19.8	20.9	20.2	21.3	21.7
	4H	22.2	23.1	22.6	23.6	24.0	20.3	21.3	20.8	21.7	22.2
	6H	22.7	23.5	23.1	24.0	24.4	20.7	21.5	21.1	22.0	22.4
	8H	22.8	23.6	23.3	24.1	24.5	20.8	21.5	21.2	22.0	22.5
	12H	22.9	23.6	23.4	24.1	24.6	20.8	21.5	21.3	22.0	22.4
8H	4H	22.3	23.1	22.8	23.5	24.0	20.6	21.4	21.1	21.9	22.3
	6H	22.9	23.5	23.4	24.0	24.5	21.1	21.7	21.5	22.2	22.7
	8H	23.1	23.7	23.6	24.2	24.7	21.2	21.8	21.7	22.3	22.8
	12H	23.2	23.8	23.7	24.2	24.8	21.2	21.8	21.8	22.3	22.8
12H	4H	22.3	23.0	22.8	23.5	24.0	20.7	21.4	21.1	21.8	22.3
	6H	22.9	23.5	23.4	23.9	24.5	21.1	21.7	21.6	22.2	22.7
	8H	23.1	23.6	23.6	24.1	24.7	21.3	21.8	21.8	22.3	22.8

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 1862.149 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.)