

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L19-950-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-2-L19-950-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	3394
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	102
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	16560	14681	12997
55	14495	12529	10642
65	12333	10305	8561
75	9902	7739	6303
85	6412	3975	3042

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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	1572.324	1572.324	1572.324	1572.324	1572.324
0.5	1580.010	1568.907	1572.751	1571.470	1570.616
1.0	1579.583	1568.480	1572.324	1571.043	1570.189
1.5	1579.156	1567.626	1571.897	1570.189	1569.334
2.0	1578.302	1567.199	1570.616	1568.480	1568.907
2.5	1577.875	1566.345	1569.762	1567.626	1567.199
3.0	1576.594	1565.064	1568.480	1565.491	1565.064
3.5	1575.740	1563.783	1566.772	1563.783	1562.929
4.0	1573.605	1562.075	1565.064	1561.648	1560.367
4.5	1572.751	1560.367	1562.929	1559.086	1557.378
5.0	1570.616	1558.659	1560.367	1556.524	1554.815
5.5	1569.762	1556.097	1557.805	1553.107	1550.972
6.0	1565.918	1553.961	1554.815	1549.691	1547.556
6.5	1563.783	1551.826	1551.399	1545.848	1543.286
7.0	1561.221	1548.837	1548.410	1542.005	1539.442
7.5	1558.659	1545.848	1544.567	1537.734	1534.745
8.0	1555.670	1542.432	1541.151	1533.037	1529.621
8.5	1552.680	1539.442	1537.307	1527.913	1524.496
9.0	1549.264	1536.026	1532.610	1522.788	1519.372
9.5	1545.421	1531.756	1528.340	1517.237	1513.394
10.0	1542.432	1527.913	1523.215	1512.112	1507.842
10.5	1537.734	1523.642	1518.518	1506.561	1501.864
11.0	1533.464	1519.372	1512.967	1500.156	1495.885
11.5	1529.194	1514.675	1507.415	1493.750	1488.626
12.0	1524.496	1509.977	1501.864	1486.918	1481.793
12.5	1518.945	1504.426	1495.885	1480.085	1474.107
13.0	1514.248	1499.302	1489.480	1472.826	1466.847
13.5	1509.550	1493.750	1483.074	1465.566	1459.588
14.0	1503.572	1488.199	1476.669	1457.453	1451.047
14.5	1498.448	1481.793	1469.410	1449.766	1442.934
15.0	1492.469	1475.815	1462.150	1441.653	1434.393
15.5	1486.491	1469.410	1454.890	1433.112	1425.852
16.0	1480.085	1463.004	1447.204	1424.571	1416.458
16.5	1474.107	1456.599	1439.517	1415.604	1407.490
17.0	1467.274	1449.339	1431.404	1406.636	1397.668
17.5	1460.869	1442.080	1423.717	1397.241	1387.847
18.0	1453.609	1435.247	1415.177	1387.847	1378.025
18.5	1447.204	1427.561	1406.636	1378.025	1367.349
19.0	1439.517	1419.874	1397.668	1367.776	1356.674
19.5	1432.258	1412.188	1388.701	1357.955	1345.998
20.0	1424.571	1404.074	1379.306	1347.706	1335.322
20.5	1416.885	1395.960	1369.912	1337.030	1324.219
21.0	1408.771	1387.847	1360.517	1326.355	1312.690
21.5	1401.085	1378.879	1350.695	1315.252	1301.587
22.0	1392.544	1370.339	1340.447	1304.149	1290.484
22.5	1384.004	1361.371	1330.198	1293.046	1278.527
23.0	1375.890	1352.830	1320.376	1281.089	1266.570
23.5	1367.349	1343.436	1309.700	1269.560	1254.614
24.0	1358.382	1334.041	1299.025	1258.030	1242.230
24.5	1349.414	1324.646	1287.922	1246.073	1230.273
25.0	1340.019	1315.252	1277.246	1234.116	1217.889
25.5	1330.198	1305.003	1266.143	1221.732	1204.651
26.0	1320.803	1295.181	1254.186	1209.348	1191.840
26.5	1311.408	1284.933	1243.084	1196.964	1178.602

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CANDELA TABULATION - (Cont.)

27.0	1301.160	1274.684	1231.127	1184.154	1165.791
27.5	1290.484	1264.008	1219.597	1171.343	1152.980
28.0	1280.662	1253.759	1207.640	1158.105	1139.315
28.5	1270.414	1243.084	1196.110	1145.294	1126.078
29.0	1260.165	1232.408	1184.154	1132.056	1113.267
29.5	1248.208	1221.305	1171.770	1118.818	1099.602
30.0	1236.678	1209.775	1159.386	1105.580	1086.364
30.5	1226.003	1198.673	1147.429	1092.769	1072.699
31.0	1214.900	1187.570	1135.045	1079.531	1059.034
31.5	1204.224	1176.040	1122.661	1065.866	1045.369
32.0	1192.267	1164.510	1109.850	1052.628	1032.131
32.5	1181.164	1152.553	1097.467	1038.963	1018.039
33.0	1169.635	1141.024	1084.229	1025.726	1004.801
33.5	1158.105	1129.067	1072.272	1012.061	990.282
34.0	1147.002	1117.110	1059.034	998.823	977.044
34.5	1135.472	1105.580	1046.223	985.585	963.806
35.0	1123.942	1093.196	1032.985	971.920	950.141
35.5	1111.986	1080.812	1020.174	959.109	936.049
36.0	1100.883	1068.856	1007.363	945.444	923.238
36.5	1088.926	1056.472	994.125	932.206	909.573
37.0	1076.542	1044.088	981.741	918.968	896.763
37.5	1064.585	1031.704	968.931	905.303	883.098
38.0	1052.628	1018.893	955.693	892.065	869.433
38.5	1040.245	1006.936	942.882	878.827	856.195
39.0	1027.434	994.125	930.071	865.589	842.957
39.5	1015.477	981.741	916.833	852.351	829.719
40.0	1003.093	968.931	904.022	839.968	816.908
40.5	989.855	956.547	890.784	826.730	803.243
41.0	977.471	943.736	877.973	813.492	789.151
41.5	965.087	931.352	865.162	800.254	775.913
42.0	951.849	918.541	852.351	786.589	762.248
42.5	938.184	905.303	839.541	773.778	749.010
43.0	925.374	892.492	826.730	759.686	735.772
43.5	912.990	880.108	813.919	746.448	723.388
44.0	899.325	867.298	801.108	734.064	710.578
44.5	886.514	854.487	787.016	721.253	697.767
45.0	873.276	842.103	774.205	708.869	685.383
45.5	860.038	828.865	760.967	696.486	672.572
46.0	847.227	816.481	748.583	684.102	660.188
46.5	834.416	803.670	736.199	672.145	648.231
47.0	821.178	790.859	723.815	659.761	635.847
47.5	807.940	777.194	711.859	647.804	623.891
48.0	795.129	763.956	699.902	635.847	611.507
48.5	781.892	751.572	687.518	623.891	599.550
49.0	767.800	738.762	675.561	611.934	588.020
49.5	755.416	726.805	664.031	599.977	576.490
50.0	742.605	714.421	652.074	588.447	564.960
50.5	730.648	702.037	640.118	576.917	553.431
51.0	717.837	690.080	628.161	564.960	541.901
51.5	705.453	677.696	616.631	553.858	530.798
52.0	693.496	665.312	604.674	542.328	519.695
52.5	681.113	653.356	593.144	531.225	509.020
53.0	668.729	641.399	581.615	520.122	498.344
53.5	656.345	629.442	570.512	509.020	487.241
54.0	644.388	617.485	558.555	498.344	476.565
54.5	632.004	605.955	547.452	487.241	465.889

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CANDELA TABULATION - (Cont.)

55.0	620.047	593.998	535.922	476.992	455.214
55.5	607.663	582.469	524.820	465.889	444.965
56.0	595.280	570.512	513.717	455.641	434.716
56.5	583.323	558.982	502.614	445.392	425.108
57.0	570.939	547.452	491.084	435.143	414.988
57.5	558.982	536.349	480.409	424.895	405.123
58.0	547.025	524.820	469.306	414.817	395.430
58.5	535.068	513.290	458.203	404.867	385.736
59.0	523.111	502.187	447.527	395.088	376.128
59.5	511.155	491.084	436.851	385.309	366.776
60.0	499.625	479.981	426.090	375.487	357.467
60.5	488.095	468.879	415.671	365.922	348.157
61.0	476.565	458.203	405.038	356.442	339.019
61.5	465.462	447.100	394.704	346.876	330.009
62.0	453.933	435.997	384.284	337.738	321.297
62.5	442.830	425.450	374.206	328.557	312.415
63.0	431.727	414.902	364.171	319.418	303.704
63.5	420.838	404.355	354.136	310.194	294.907
64.0	410.248	393.892	344.357	301.312	286.452
64.5	399.316	383.430	334.492	292.473	278.039
65.0	388.725	373.181	324.799	283.633	269.840
65.5	378.220	362.805	315.020	274.964	261.470
66.0	367.758	352.513	305.583	266.509	253.271
66.5	357.381	342.350	296.102	257.926	244.987
67.0	346.876	332.272	286.751	249.428	237.044
67.5	336.371	322.194	277.527	241.229	229.101
68.0	326.293	312.287	268.217	232.987	221.073
68.5	316.002	302.465	259.122	224.874	213.344
69.0	305.796	292.644	250.111	216.803	205.658
69.5	295.889	282.865	241.315	208.818	198.185
70.0	285.854	273.128	232.347	201.003	190.626
70.5	275.947	263.563	223.550	193.231	183.324
71.0	266.040	254.083	215.009	185.673	175.936
71.5	256.346	244.517	206.469	178.157	168.805
72.0	246.695	235.208	198.014	170.684	161.673
72.5	237.087	225.984	189.601	163.382	154.756
73.0	227.735	216.888	181.360	156.037	147.966
73.5	218.383	207.665	173.246	149.033	141.176
74.0	209.202	198.612	165.218	141.987	134.429
74.5	200.106	189.729	157.275	135.155	128.024
75.0	191.139	180.975	149.375	128.280	121.661
75.5	182.342	172.392	141.731	121.746	115.341
76.0	173.758	163.894	134.258	115.213	109.234
76.5	165.132	155.396	126.785	108.935	103.256
77.0	156.976	147.112	119.611	102.658	97.320
77.5	148.692	138.955	112.480	96.594	91.512
78.0	140.450	130.927	105.434	90.658	86.004
78.5	132.294	122.985	98.687	84.894	80.410
79.0	124.522	115.341	92.068	79.214	75.029
79.5	116.878	107.569	85.619	73.535	69.777
80.0	109.277	100.138	79.214	68.197	64.695
80.5	101.718	92.751	72.979	62.901	59.656
81.0	94.416	85.577	67.001	57.863	54.873
81.5	87.199	78.616	61.151	52.866	50.133
82.0	80.239	71.570	55.599	47.998	45.436
82.5	73.449	64.909	50.133	43.258	40.952

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CANDELA TABULATION - (Cont.)

83.0	66.745	58.332	44.838	38.646	36.383
83.5	60.126	52.055	39.842	34.120	32.027
84.0	53.806	45.906	34.974	29.679	27.800
84.5	47.571	40.098	30.319	25.451	23.743
85.0	41.678	34.504	25.835	21.480	19.771
85.5	35.956	29.123	21.565	17.423	15.501
86.0	30.575	23.999	17.722	13.238	10.804
86.5	25.237	19.387	14.007	8.370	6.662
87.0	20.327	15.031	9.992	5.295	4.740
87.5	15.757	11.188	5.765	4.057	3.715
88.0	11.530	7.644	3.630	3.117	2.904
88.5	7.943	4.270	2.690	2.263	2.007
89.0	4.996	2.135	1.794	1.452	1.281
89.5	2.477	1.153	0.982	0.726	0.641
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-L19-950-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-L19-950-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-L19-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	558.50	N.A.	16.50
0-30	1144.83	N.A.	33.70
0-40	1790.71	N.A.	52.80
0-60	2869.69	N.A.	84.50
0-80	3359.31	N.A.	99.00
0-90	3394.46	N.A.	100.00
10-90	3246.8	N.A.	95.60
20-40	1232.21	N.A.	36.30
20-50	1831.15	N.A.	53.90
40-70	1404.33	N.A.	41.40
60-80	489.62	N.A.	14.40
70-80	164.27	N.A.	4.80
80-90	35.15	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	3394.46	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	147.66
10-20	410.84
20-30	586.33
30-40	645.88
40-50	598.94
50-60	480.03
60-70	325.35
70-80	164.27
80-90	35.15
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-L19-950-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-L19-950-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

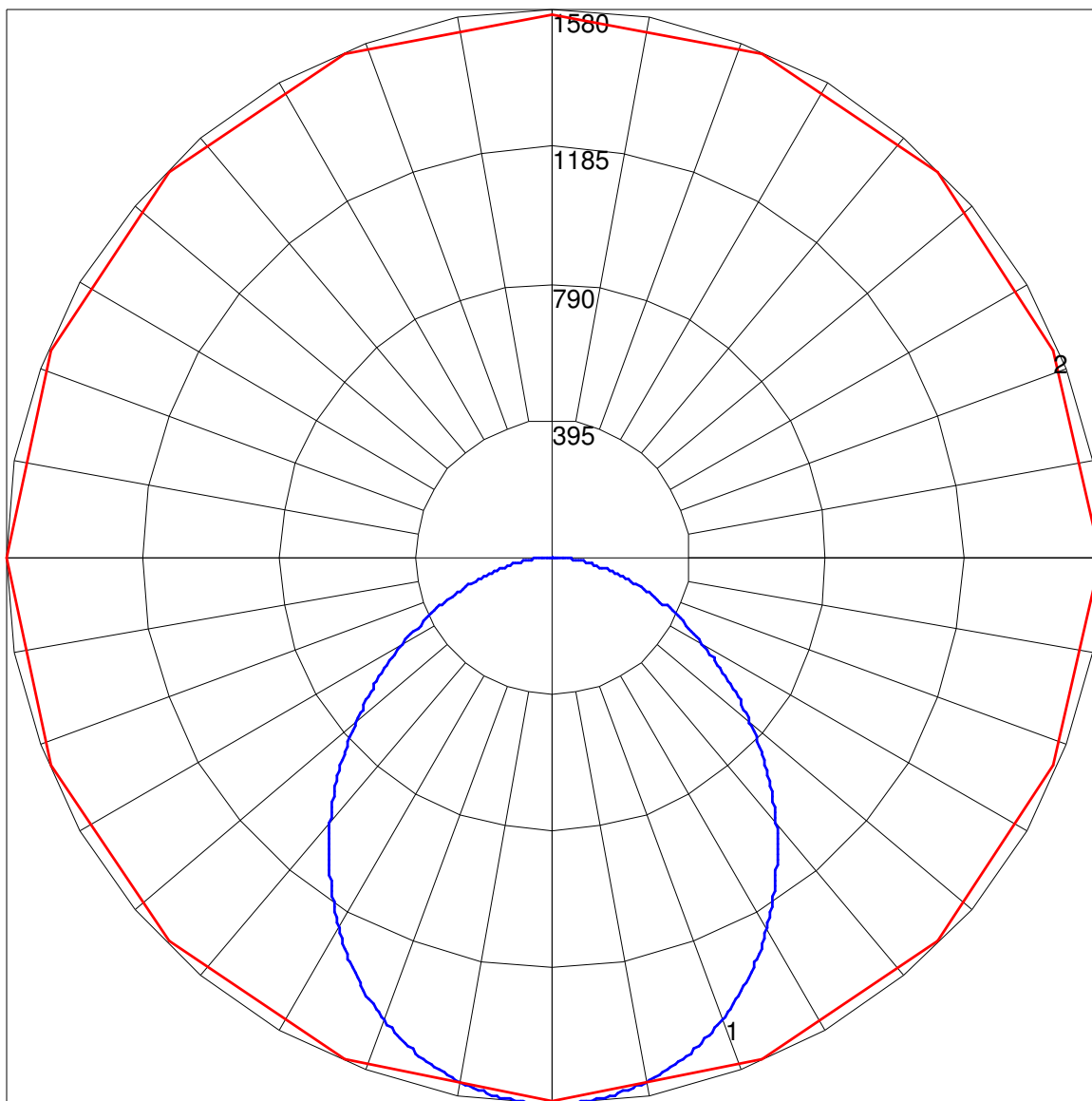
X=2H	Y=2H	21.2	22.8	21.6	23.1	23.4	19.5	21.0	19.9	21.4	21.7
	3H	22.8	24.2	23.2	24.5	24.9	20.8	22.2	21.2	22.6	22.9
	4H	23.4	24.7	23.8	25.0	25.4	21.3	22.6	21.7	22.9	23.3
	6H	23.8	24.9	24.2	25.3	25.7	21.5	22.7	21.9	23.1	23.5
	8H	23.8	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5
	12H	23.9	25.0	24.3	25.4	25.8	21.6	22.7	22.0	23.1	23.5

UGR Viewed Endwise

4H	2H	21.6	22.9	22.0	23.3	23.6	20.2	21.5	20.6	21.8	22.2
	3H	23.4	24.5	23.8	24.9	25.3	21.7	22.8	22.1	23.2	23.6
	4H	24.1	25.1	24.5	25.5	25.9	22.2	23.2	22.7	23.6	24.1
	6H	24.6	25.4	25.0	25.9	26.3	22.6	23.4	23.0	23.9	24.3
	8H	24.7	25.5	25.2	26.0	26.4	22.7	23.5	23.1	23.9	24.4
	12H	24.8	25.5	25.3	26.0	26.5	22.7	23.4	23.2	23.9	24.4
8H	4H	24.2	25.0	24.7	25.4	25.9	22.5	23.3	23.0	23.8	24.2
	6H	24.8	25.5	25.3	25.9	26.4	23.0	23.6	23.5	24.1	24.6
	8H	25.0	25.6	25.5	26.1	26.6	23.1	23.7	23.6	24.2	24.7
	12H	25.1	25.7	25.7	26.2	26.7	23.2	23.7	23.7	24.2	24.7
12H	4H	24.2	24.9	24.7	25.4	25.9	22.6	23.3	23.1	23.8	24.2
	6H	24.8	25.4	25.3	25.9	26.4	23.0	23.6	23.5	24.1	24.6
	8H	25.0	25.6	25.5	26.0	26.6	23.2	23.7	23.7	24.2	24.7

Maximum UGR = 26.7

POLAR GRAPH



Maximum Candela = 1580.01 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.)