

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-950-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-L12-950-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	2145
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	19.8
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	10464	9277	8212
55	9159	7917	6724
65	7793	6512	5410
75	6257	4890	3983
85	4052	2512	1922

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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	993.524	993.524	993.524	993.524	993.524
0.5	998.381	991.365	993.794	992.984	992.445
1.0	998.111	991.096	993.524	992.715	992.175
1.5	997.841	990.556	993.254	992.175	991.635
2.0	997.302	990.286	992.445	991.096	991.365
2.5	997.032	989.746	991.905	990.556	990.286
3.0	996.222	988.937	991.096	989.207	988.937
3.5	995.683	988.127	990.016	988.127	987.588
4.0	994.334	987.048	988.937	986.778	985.969
4.5	993.794	985.969	987.588	985.159	984.080
5.0	992.445	984.889	985.969	983.540	982.461
5.5	991.905	983.270	984.350	981.382	980.032
6.0	989.477	981.921	982.461	979.223	977.874
6.5	988.127	980.572	980.302	976.794	975.175
7.0	986.508	978.683	978.413	974.366	972.747
7.5	984.889	976.794	975.985	971.668	969.779
8.0	983.001	974.636	973.826	968.699	966.541
8.5	981.112	972.747	971.398	965.461	963.303
9.0	978.953	970.588	968.430	962.223	960.065
9.5	976.525	967.890	965.731	958.716	956.287
10.0	974.636	965.461	962.493	955.478	952.779
10.5	971.668	962.763	959.525	951.970	949.002
11.0	968.969	960.065	956.017	947.922	945.224
11.5	966.271	957.097	952.509	943.875	940.637
12.0	963.303	954.128	949.002	939.557	936.319
12.5	959.795	950.621	945.224	935.240	931.462
13.0	956.827	947.383	941.176	930.653	926.875
13.5	953.859	943.875	937.129	926.066	922.288
14.0	950.081	940.367	933.081	920.939	916.892
14.5	946.843	936.319	928.494	916.082	911.765
15.0	943.065	932.542	923.907	910.955	906.368
15.5	939.288	928.494	919.320	905.559	900.971
16.0	935.240	924.447	914.463	900.162	895.035
16.5	931.462	920.399	909.606	894.495	889.369
17.0	927.145	915.812	904.479	888.829	883.162
17.5	923.098	911.225	899.622	882.893	876.956
18.0	918.511	906.908	894.226	876.956	870.750
18.5	914.463	902.051	888.829	870.750	864.004
19.0	909.606	897.194	883.162	864.274	857.258
19.5	905.019	892.337	877.496	858.068	850.513
20.0	900.162	887.210	871.560	851.592	843.767
20.5	895.305	882.083	865.623	844.846	836.751
21.0	890.178	876.956	859.687	838.100	829.466
21.5	885.321	871.290	853.481	831.085	822.450
22.0	879.924	865.893	847.005	824.069	815.434
22.5	874.528	860.227	840.529	817.053	807.879
23.0	869.401	854.830	834.323	809.498	800.324
23.5	864.004	848.894	827.577	802.213	792.768
24.0	858.338	842.957	820.831	794.927	784.943
24.5	852.671	837.021	813.815	787.372	777.388
25.0	846.735	831.085	807.070	779.817	769.563
25.5	840.529	824.609	800.054	771.991	761.198
26.0	834.593	818.403	792.499	764.166	753.103
26.5	828.656	811.927	785.483	756.341	744.738

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CANDELA TABULATION - (Cont.)

27.0	822.180	805.451	777.928	748.246	736.643
27.5	815.434	798.705	770.642	740.151	728.548
28.0	809.228	792.229	763.087	731.786	719.914
28.5	802.752	785.483	755.801	723.691	711.549
29.0	796.276	778.737	748.246	715.326	703.454
29.5	788.721	771.722	740.421	706.962	694.819
30.0	781.436	764.436	732.596	698.597	686.454
30.5	774.690	757.420	725.040	690.502	677.820
31.0	767.674	750.405	717.215	682.137	669.185
31.5	760.928	743.119	709.390	673.502	660.550
32.0	753.373	735.834	701.295	665.138	652.186
32.5	746.357	728.278	693.470	656.503	643.281
33.0	739.072	720.993	685.105	648.138	634.916
33.5	731.786	713.438	677.550	639.504	625.742
34.0	724.771	705.882	669.185	631.139	617.377
34.5	717.485	698.597	661.090	622.774	609.012
35.0	710.200	690.772	652.725	614.139	600.378
35.5	702.644	682.947	644.630	606.044	591.473
36.0	695.629	675.391	636.535	597.410	583.378
36.5	688.073	667.566	628.171	589.045	574.744
37.0	680.248	659.741	620.345	580.680	566.649
37.5	672.693	651.916	612.250	572.045	558.014
38.0	665.138	643.821	603.886	563.681	549.379
38.5	657.312	636.266	595.791	555.316	541.015
39.0	649.217	628.171	587.696	546.951	532.650
39.5	641.662	620.345	579.331	538.586	524.285
40.0	633.837	612.250	571.236	530.761	516.190
40.5	625.472	604.425	562.871	522.396	507.555
41.0	617.647	596.330	554.776	514.031	498.651
41.5	609.822	588.505	546.681	505.666	490.286
42.0	601.457	580.410	538.586	497.032	481.651
42.5	592.822	572.045	530.491	488.937	473.287
43.0	584.727	563.950	522.396	480.032	464.922
43.5	576.902	556.125	514.301	471.668	457.097
44.0	568.268	548.030	506.206	463.842	449.002
44.5	560.173	539.935	497.302	455.747	440.907
45.0	551.808	532.110	489.207	447.922	433.081
45.5	543.443	523.745	480.842	440.097	424.987
46.0	535.348	515.920	473.017	432.272	417.161
46.5	527.253	507.825	465.192	424.717	409.606
47.0	518.888	499.730	457.366	416.892	401.781
47.5	510.523	491.096	449.811	409.336	394.226
48.0	502.428	482.731	442.256	401.781	386.400
48.5	494.064	474.906	434.431	394.226	378.845
49.0	485.159	466.811	426.875	386.670	371.560
49.5	477.334	459.255	419.590	379.115	364.274
50.0	469.239	451.430	412.035	371.829	356.989
50.5	461.684	443.605	404.479	364.544	349.703
51.0	453.589	436.050	396.924	356.989	342.418
51.5	445.764	428.224	389.638	349.973	335.402
52.0	438.208	420.399	382.083	342.688	328.386
52.5	430.383	412.844	374.798	335.672	321.641
53.0	422.558	405.289	367.512	328.656	314.895
53.5	414.733	397.733	360.496	321.641	307.879
54.0	407.178	390.178	352.941	314.895	301.133
54.5	399.352	382.893	345.926	307.879	294.387

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CANDELA TABULATION - (Cont.)

55.0	391.797	375.337	338.640	301.403	287.642
55.5	383.972	368.052	331.624	294.387	281.166
56.0	376.147	360.496	324.609	287.911	274.690
56.5	368.591	353.211	317.593	281.436	268.618
57.0	360.766	345.926	310.308	274.960	262.223
57.5	353.211	338.910	303.562	268.484	255.990
58.0	345.656	331.624	296.546	262.115	249.865
58.5	338.100	324.339	289.530	255.828	243.740
59.0	330.545	317.323	282.785	249.649	237.669
59.5	322.990	310.308	276.039	243.470	231.759
60.0	315.704	303.292	269.239	237.264	225.877
60.5	308.419	296.276	262.655	231.220	219.995
61.0	301.133	289.530	255.936	225.229	214.220
61.5	294.118	282.515	249.406	219.185	208.527
62.0	286.832	275.499	242.822	213.411	203.022
62.5	279.817	268.834	236.454	207.609	197.410
63.0	272.801	262.169	230.113	201.835	191.905
63.5	265.920	255.505	223.772	196.006	186.346
64.0	259.228	248.894	217.593	190.394	181.004
64.5	252.321	242.283	211.360	184.808	175.688
65.0	245.629	235.807	205.235	179.223	170.507
65.5	238.991	229.250	199.056	173.745	165.219
66.0	232.380	222.747	193.092	168.403	160.038
66.5	225.823	216.325	187.102	162.979	154.803
67.0	219.185	209.957	181.193	157.609	149.784
67.5	212.547	203.589	175.364	152.428	144.765
68.0	206.179	197.329	169.482	147.221	139.692
68.5	199.676	191.123	163.734	142.094	134.808
69.0	193.227	184.916	158.041	136.994	129.951
69.5	186.967	178.737	152.482	131.948	125.229
70.0	180.626	172.585	146.816	127.010	120.453
70.5	174.366	166.541	141.257	122.099	115.839
71.0	168.106	160.550	135.861	117.323	111.171
71.5	161.981	154.506	130.464	112.574	106.665
72.0	155.882	148.624	125.121	107.852	102.159
72.5	149.811	142.795	119.806	103.238	97.787
73.0	143.902	137.048	114.598	98.597	93.497
73.5	137.992	131.220	109.471	94.172	89.207
74.0	132.191	125.499	104.398	89.719	84.943
74.5	126.444	119.887	99.379	85.402	80.896
75.0	120.777	114.355	94.387	81.058	76.875
75.5	115.219	108.931	89.557	76.929	72.882
76.0	109.795	103.562	84.835	72.801	69.023
76.5	104.344	98.192	80.113	68.834	65.246
77.0	99.191	92.957	75.580	64.868	61.495
77.5	93.956	87.804	71.074	61.036	57.825
78.0	88.748	82.731	66.622	57.285	54.344
78.5	83.594	77.712	62.358	53.643	50.809
79.0	78.683	72.882	58.176	50.054	47.410
79.5	73.853	67.971	54.101	46.465	44.091
80.0	69.050	63.276	50.054	43.092	40.880
80.5	64.274	58.608	46.114	39.746	37.696
81.0	59.660	54.074	42.337	36.562	34.674
81.5	55.100	49.676	38.640	33.405	31.678
82.0	50.702	45.224	35.132	30.329	28.710
82.5	46.411	41.015	31.678	27.334	25.877

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CANDELA TABULATION - (Cont.)

83.0	42.175	36.859	28.332	24.420	22.990
83.5	37.992	32.893	25.175	21.560	20.237
84.0	33.999	29.007	22.099	18.753	17.566
84.5	30.059	25.337	19.158	16.082	15.003
85.0	26.336	21.802	16.325	13.573	12.493
85.5	22.720	18.403	13.627	11.009	9.795
86.0	19.320	15.165	11.198	8.365	6.827
86.5	15.947	12.250	8.851	5.289	4.209
87.0	12.844	9.498	6.314	3.346	2.995
87.5	9.957	7.070	3.643	2.563	2.348
88.0	7.285	4.830	2.294	1.970	1.835
88.5	5.019	2.698	1.700	1.430	1.268
89.0	3.157	1.349	1.133	0.917	0.809
89.5	1.565	0.729	0.621	0.459	0.405
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

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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
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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-L12-950-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	352.91	N.A.	16.50
0-30	723.40	N.A.	33.70
0-40	1131.52	N.A.	52.80
0-60	1813.31	N.A.	84.50
0-80	2122.69	N.A.	99.00
0-90	2144.9	N.A.	100.00
10-90	2051.59	N.A.	95.60
20-40	778.61	N.A.	36.30
20-50	1157.07	N.A.	53.90
40-70	887.37	N.A.	41.40
60-80	309.38	N.A.	14.40
70-80	103.80	N.A.	4.80
80-90	22.21	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	2144.9	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	93.31
10-20	259.60
20-30	370.49
30-40	408.12
40-50	378.46
50-60	303.33
60-70	205.58
70-80	103.80
80-90	22.21
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-L12-950-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	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-L12-950-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	19.6	21.2	20.0	21.5	21.8	17.9	19.4	18.3	19.8	20.1
	3H	21.2	22.6	21.6	22.9	23.3	19.2	20.6	19.6	21.0	21.3
	4H	21.8	23.1	22.2	23.4	23.8	19.7	21.0	20.1	21.3	21.7
	6H	22.2	23.4	22.6	23.7	24.1	19.9	21.1	20.3	21.5	21.9
	8H	22.2	23.4	22.7	23.8	24.2	20.0	21.1	20.4	21.5	21.9
	12H	22.3	23.4	22.7	23.8	24.2	20.0	21.1	20.4	21.5	21.9

UGR Viewed Endwise

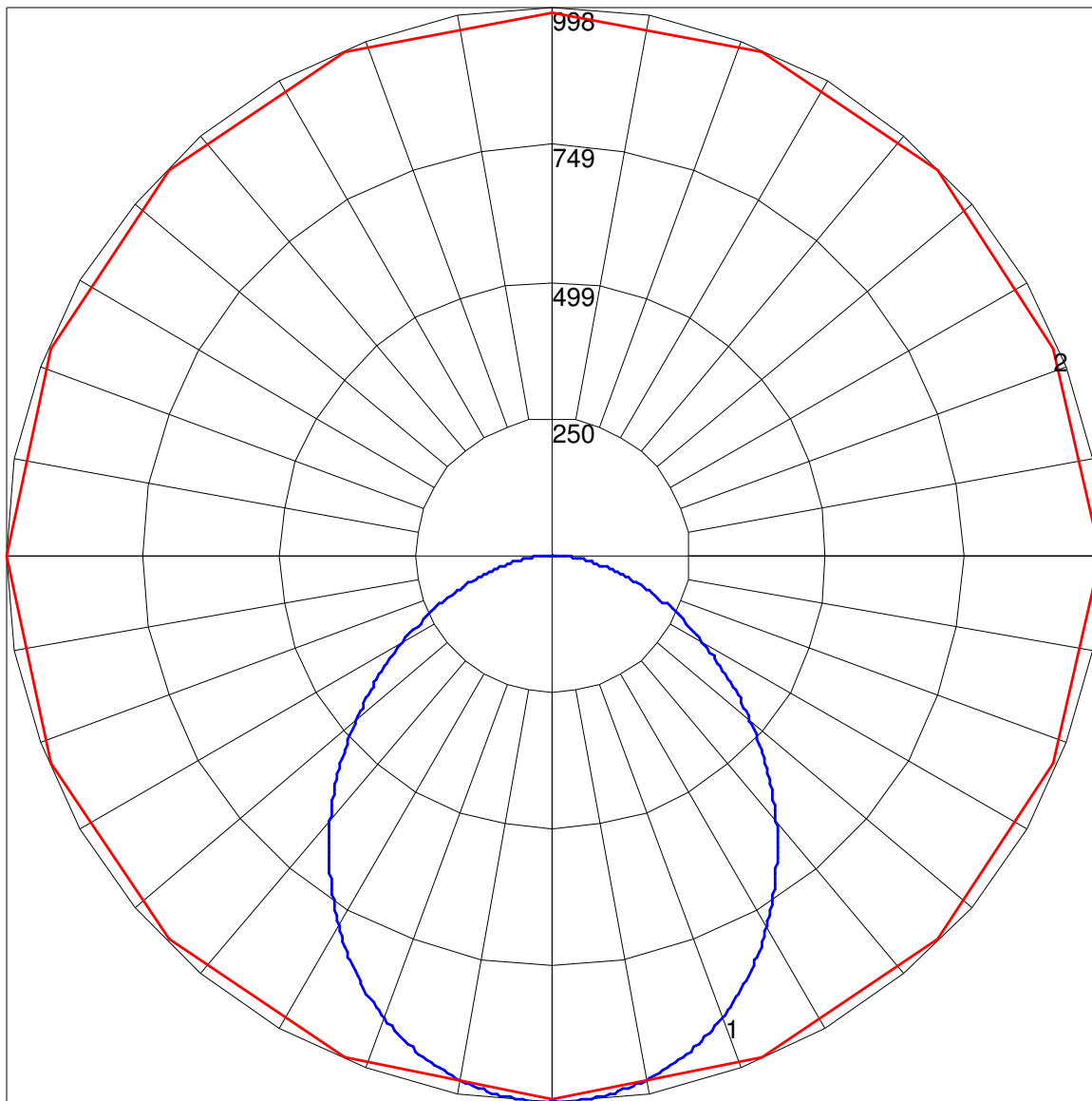
4H	2H	20.0	21.3	20.4	21.7	22.0	18.6	19.9	19.0	20.2	20.6
	3H	21.8	22.9	22.2	23.3	23.7	20.1	21.2	20.5	21.6	22.0
	4H	22.5	23.5	22.9	23.9	24.3	20.6	21.6	21.1	22.0	22.5
	6H	23.0	23.8	23.4	24.3	24.7	21.0	21.8	21.4	22.3	22.7
	8H	23.1	23.9	23.6	24.4	24.8	21.1	21.9	21.5	22.3	22.8
	12H	23.2	23.9	23.7	24.4	24.9	21.1	21.8	21.6	22.3	22.8

8H	4H	22.6	23.4	23.1	23.9	24.3	20.9	21.7	21.4	22.2	22.6
	6H	23.2	23.9	23.7	24.3	24.8	21.4	22.0	21.9	22.5	23.0
	8H	23.4	24.0	23.9	24.5	25.0	21.5	22.1	22.0	22.6	23.1
	12H	23.5	24.1	24.1	24.6	25.1	21.6	22.1	22.1	22.6	23.1

12H	4H	22.6	23.3	23.1	23.8	24.3	21.0	21.7	21.5	22.2	22.6
	6H	23.2	23.8	23.7	24.3	24.8	21.4	22.0	21.9	22.5	23.0
	8H	23.4	24.0	23.9	24.4	25.0	21.6	22.1	22.1	22.6	23.1

Maximum UGR = 25.1

POLAR GRAPH



Maximum Candela = 998.381 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.)