

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-2-L12-940-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-2-L12-940-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 2' 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	2097
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	24.4
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)	2.00 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	17910	15506	13526
55	15828	13275	10984
65	13577	10683	8623
75	10893	7617	5917
85	7171	2270	1229

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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	997.205	997.205	997.205	997.205	997.205
0.5	998.759	995.651	998.138	997.516	994.718
1.0	998.138	995.340	998.138	997.205	994.408
1.5	997.827	994.718	997.205	996.273	993.475
2.0	997.516	994.408	996.894	995.651	992.542
2.5	996.894	993.786	995.962	994.408	991.610
3.0	996.273	993.164	995.029	993.164	990.056
3.5	995.340	992.232	993.475	991.299	988.501
4.0	994.408	990.988	992.232	989.745	986.325
4.5	993.475	989.745	990.366	987.569	983.839
5.0	992.853	988.501	988.812	985.082	981.663
5.5	990.988	986.947	986.636	982.906	979.176
6.0	989.745	985.393	984.460	980.108	976.378
6.5	988.191	983.528	982.284	977.000	973.270
7.0	986.325	981.352	979.798	974.202	969.540
7.5	984.460	979.487	977.000	970.472	965.809
8.0	982.595	977.311	974.202	967.053	961.768
8.5	980.419	974.824	971.094	963.323	958.349
9.0	977.932	972.337	967.985	959.282	954.308
9.5	975.757	970.161	964.566	955.240	949.645
10.0	973.270	967.364	961.147	950.889	944.982
10.5	971.094	964.566	957.416	946.226	940.009
11.0	968.296	961.457	953.375	941.563	934.414
11.5	965.809	958.660	949.334	936.590	929.751
12.0	963.944	955.862	944.982	931.616	924.466
12.5	959.903	952.754	940.631	926.021	919.182
13.0	956.173	949.023	936.279	920.736	913.276
13.5	953.065	944.672	931.616	915.452	907.370
14.0	949.334	940.631	926.642	909.546	901.464
14.5	945.604	936.279	921.669	903.639	895.247
15.0	941.874	932.238	917.006	897.733	888.719
15.5	938.144	928.197	912.032	891.205	882.191
16.0	934.103	923.845	907.059	884.988	875.974
16.5	930.373	919.182	901.464	878.772	869.135
17.0	925.710	914.519	895.247	871.933	861.986
17.5	921.358	909.856	889.340	865.405	855.147
18.0	917.317	904.883	883.434	858.566	847.687
18.5	912.343	899.909	877.217	851.417	840.537
19.0	907.681	894.936	871.000	844.889	833.387
19.5	903.329	889.651	864.783	837.429	825.305
20.0	898.044	884.367	858.566	829.968	817.845
20.5	893.381	879.393	852.349	822.819	810.385
21.0	888.408	873.798	845.511	815.669	802.613
21.5	883.123	868.203	838.672	808.209	794.842
22.0	877.839	862.607	832.144	800.437	787.071
22.5	872.555	856.701	825.616	792.666	779.300
23.0	866.959	851.106	818.467	784.895	771.218
23.5	861.675	845.200	811.317	777.435	763.135
24.0	855.458	838.983	804.168	769.352	755.364
24.5	849.862	832.766	796.707	761.581	747.282
25.0	843.956	826.549	789.869	753.499	739.200
25.5	838.050	820.332	782.408	745.417	730.807
26.0	832.144	813.493	774.948	737.646	722.725
26.5	825.927	807.276	767.487	729.564	714.332

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CANDELA TABULATION - (Cont.)

27.0	819.399	800.437	760.027	721.482	706.250
27.5	812.871	793.910	752.256	713.400	697.857
28.0	805.722	787.071	744.795	705.317	689.464
28.5	798.572	780.232	737.335	697.546	681.071
29.0	792.044	773.394	729.253	689.153	672.678
29.5	785.517	766.244	721.482	680.760	663.975
30.0	778.367	759.094	714.021	672.678	656.203
30.5	771.839	752.256	706.250	664.285	647.810
31.0	764.690	745.106	698.479	655.892	639.728
31.5	758.162	737.646	690.397	647.810	631.646
32.0	751.012	730.185	682.625	639.417	623.253
32.5	743.863	722.725	674.543	630.714	614.860
33.0	737.024	715.265	666.772	622.632	606.778
33.5	729.875	708.115	659.001	614.860	598.696
34.0	722.414	700.344	650.919	606.467	590.303
34.5	715.265	692.884	643.148	598.385	582.532
35.0	707.804	685.423	635.066	590.303	573.828
35.5	700.966	677.652	626.983	582.221	565.435
36.0	693.505	670.191	619.212	573.828	556.421
36.5	686.045	662.420	611.130	565.435	548.649
37.0	678.895	654.649	603.048	556.731	540.567
37.5	671.124	646.878	595.588	548.649	532.796
38.0	663.042	639.417	587.506	540.878	524.714
38.5	655.582	631.335	579.423	533.107	516.943
39.0	648.432	623.564	570.720	525.025	509.171
39.5	640.350	615.793	562.327	517.254	501.400
40.0	632.890	608.022	554.245	509.793	493.629
40.5	625.118	600.250	546.473	501.711	485.858
41.0	616.725	592.479	538.702	494.251	478.087
41.5	608.954	584.397	530.620	486.479	470.626
42.0	600.872	576.315	523.160	479.019	462.855
42.5	592.790	567.922	515.078	471.248	455.394
43.0	585.019	559.218	507.928	463.787	447.623
43.5	576.626	551.447	500.157	456.327	439.852
44.0	567.922	543.676	492.386	448.867	432.081
44.5	558.907	535.594	484.925	441.406	424.310
45.0	551.136	527.822	477.154	433.946	416.227
45.5	543.365	520.051	469.694	426.485	408.456
46.0	535.283	512.280	461.922	418.714	400.996
46.5	527.201	504.509	454.462	411.254	393.225
47.0	519.119	496.737	447.312	403.483	385.764
47.5	511.347	488.966	439.852	396.022	378.304
48.0	503.265	481.195	432.392	388.251	370.843
48.5	495.494	473.735	424.931	380.791	363.383
49.0	487.723	465.963	417.782	373.330	355.923
49.5	479.641	458.192	410.321	365.870	348.773
50.0	472.180	450.732	403.172	358.720	341.934
50.5	464.409	442.961	396.022	351.260	334.785
51.0	456.638	435.500	388.873	344.110	327.635
51.5	448.867	428.040	381.723	336.961	320.797
52.0	441.095	420.579	374.574	329.811	313.958
52.5	433.635	413.119	367.424	322.973	307.057
53.0	425.864	405.969	360.275	315.823	300.125
53.5	418.093	398.509	353.125	308.953	293.846
54.0	410.321	391.049	345.975	302.084	287.038
54.5	402.861	383.588	338.515	295.338	280.511

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CANDELA TABULATION - (Cont.)

55.0	395.090	376.439	331.366	288.468	274.169
55.5	387.629	369.289	324.216	281.847	267.828
56.0	379.858	362.140	316.756	275.195	261.424
56.5	372.398	354.679	309.730	268.729	254.990
57.0	364.626	347.841	302.674	262.202	248.835
57.5	357.477	340.691	295.618	255.829	242.618
58.0	350.017	333.542	288.593	249.488	236.619
58.5	342.245	326.392	281.723	243.209	230.526
59.0	335.096	319.242	274.791	237.023	224.496
59.5	327.635	312.404	267.921	230.837	218.652
60.0	320.486	305.379	261.176	224.837	212.932
60.5	313.025	298.540	254.555	218.745	207.119
61.0	305.814	291.670	247.934	212.714	201.462
61.5	298.602	284.831	241.312	206.808	195.960
62.0	291.421	277.993	234.722	201.151	190.395
62.5	284.396	271.309	228.195	195.400	184.862
63.0	277.371	264.657	221.760	189.680	179.516
63.5	270.501	258.067	215.325	184.054	174.293
64.0	263.414	251.446	209.015	178.521	168.916
64.5	256.513	244.918	202.736	173.019	163.724
65.0	249.705	238.359	196.488	167.610	158.595
65.5	242.867	231.863	190.302	162.201	153.466
66.0	236.152	225.521	184.178	156.948	148.400
66.5	229.500	219.118	178.179	151.632	143.457
67.0	222.755	212.714	172.117	146.441	138.546
67.5	216.134	206.404	166.242	141.312	133.603
68.0	209.637	199.969	160.274	136.214	128.785
68.5	203.109	193.504	154.554	131.241	123.998
69.0	196.643	186.914	148.835	126.236	119.273
69.5	190.209	180.510	143.177	121.356	114.672
70.0	183.743	174.076	137.582	116.537	109.947
70.5	177.340	167.641	132.049	111.750	105.471
71.0	170.967	161.300	126.578	106.994	100.933
71.5	164.781	155.052	121.200	102.363	96.394
72.0	158.689	148.866	115.916	97.700	91.949
72.5	152.441	142.835	110.694	93.162	87.566
73.0	146.379	136.774	105.564	88.654	83.308
73.5	140.286	130.743	100.529	84.178	78.987
74.0	134.411	124.930	95.555	79.888	74.853
74.5	128.505	119.118	90.675	75.505	70.718
75.0	122.692	113.336	85.794	71.247	66.646
75.5	116.910	107.740	81.070	67.050	62.729
76.0	111.346	102.145	76.438	63.009	58.813
76.5	105.813	96.736	71.837	59.030	55.051
77.0	100.342	91.265	67.361	55.083	51.446
77.5	94.996	85.950	62.947	51.290	47.840
78.0	89.680	80.728	58.595	47.591	44.327
78.5	84.520	75.599	54.274	43.985	40.908
79.0	79.422	70.532	50.109	40.442	37.551
79.5	74.511	65.527	46.068	37.022	34.225
80.0	69.661	60.647	42.151	33.696	31.023
80.5	64.905	55.860	38.359	30.370	27.821
81.0	60.212	51.135	34.753	27.137	24.713
81.5	55.642	46.565	31.209	23.935	21.542
82.0	51.197	42.151	27.852	20.858	18.402
82.5	46.876	37.861	24.557	17.687	15.076

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CANDELA TABULATION - (Cont.)

83.0	42.680	33.696	21.324	14.455	11.501
83.5	38.608	29.655	18.216	10.880	7.678
84.0	34.660	25.832	15.169	7.243	5.937
84.5	30.867	22.164	12.092	5.533	5.253
85.0	27.199	18.682	8.611	4.849	4.663
85.5	23.687	15.418	5.222	4.259	4.103
86.0	20.298	12.310	4.103	3.668	3.544
86.5	17.003	9.388	3.482	3.108	2.984
87.0	13.926	6.528	2.891	2.580	2.456
87.5	10.973	3.450	2.300	2.021	1.958
88.0	8.206	2.176	1.772	1.523	1.430
88.5	5.657	1.616	1.243	1.057	0.995
89.0	3.450	1.057	0.746	0.622	0.591
89.5	1.554	0.560	0.373	0.311	0.249
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
PHOTOMETRIC FILENAME : LRX2X-2-L12-940-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-2-L12-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	350.69	N.A.	16.70
0-30	713.91	N.A.	34.10
0-40	1112.42	N.A.	53.10
0-60	1781.08	N.A.	85.00
0-80	2078.84	N.A.	99.20
0-90	2096.57	N.A.	100.00
10-90	2003.21	N.A.	95.50
20-40	761.73	N.A.	36.30
20-50	1132.58	N.A.	54.00
40-70	868.85	N.A.	41.40
60-80	297.76	N.A.	14.20
70-80	97.57	N.A.	4.70
80-90	17.73	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	2096.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	93.36
10-20	257.32
20-30	363.22
30-40	398.51
40-50	370.84
50-60	297.82
60-70	200.19
70-80	97.57
80-90	17.73
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-2-L12-940-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	81	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-2-L12-940-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	21.6	23.2	22.0	23.5	23.8	19.5	21.0	19.9	21.3	21.7
	3H	23.2	24.6	23.6	24.9	25.3	20.8	22.1	21.1	22.5	22.8
	4H	23.8	25.1	24.2	25.4	25.8	21.1	22.4	21.5	22.8	23.1
	6H	24.1	25.3	24.6	25.7	26.1	21.3	22.5	21.7	22.9	23.3
	8H	24.3	25.4	24.7	25.8	26.2	21.3	22.5	21.8	22.9	23.3
	12H	24.3	25.4	24.7	25.8	26.2	21.3	22.4	21.7	22.8	23.2

UGR Viewed Endwise

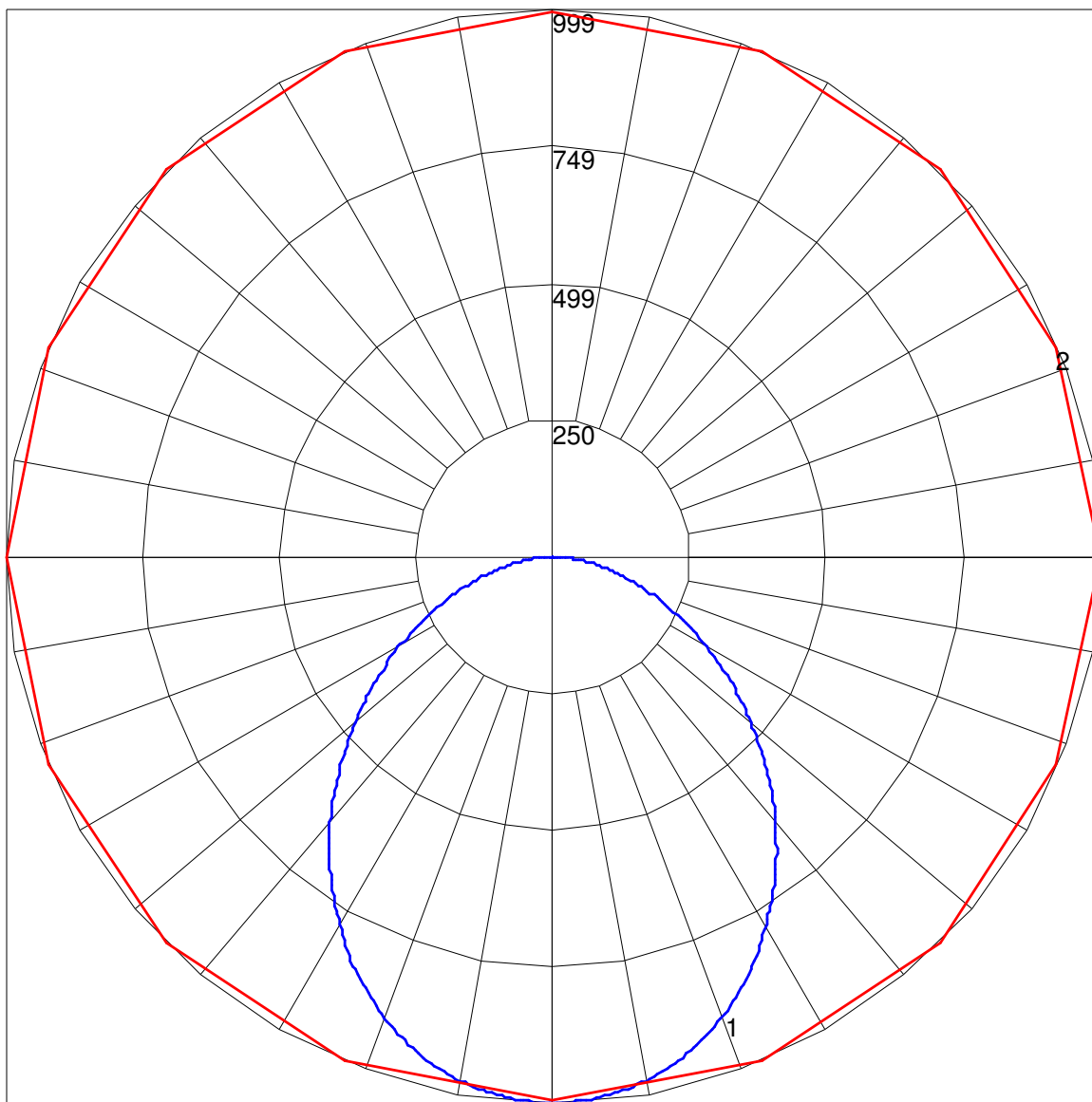
4H	2H	21.9	23.2	22.3	23.6	24.0	20.2	21.5	20.6	21.8	22.2
	3H	23.8	24.8	24.2	25.2	25.6	21.6	22.7	22.1	23.1	23.5
	4H	24.5	25.4	24.9	25.8	26.3	22.1	23.1	22.5	23.5	23.9
	6H	24.9	25.8	25.4	26.2	26.7	22.3	23.2	22.8	23.6	24.1
	8H	25.1	25.9	25.5	26.3	26.8	22.4	23.1	22.8	23.6	24.1
	12H	25.2	25.9	25.6	26.3	26.8	22.3	23.0	22.8	23.5	24.0

8H	4H	24.5	25.3	25.0	25.8	26.2	22.4	23.2	22.8	23.6	24.1
	6H	25.1	25.7	25.6	26.2	26.7	22.7	23.3	23.2	23.8	24.3
	8H	25.3	25.9	25.8	26.4	26.9	22.7	23.3	23.3	23.8	24.3
	12H	25.4	25.9	25.9	26.4	27.0	22.7	23.2	23.2	23.7	24.3

12H	4H	24.5	25.2	25.0	25.7	26.2	22.4	23.1	22.9	23.6	24.1
	6H	25.1	25.7	25.6	26.1	26.7	22.7	23.3	23.3	23.8	24.3
	8H	25.3	25.8	25.8	26.3	26.9	22.8	23.3	23.3	23.8	24.4

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 998.759 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.)