

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L4-827-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-L4-827-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	1641
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	16
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	7010	6069	5294
55	6195	5196	4299
65	5314	4181	3375
75	4263	2981	2316
85	2807	888	481

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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	780.593	780.593	780.593	780.593	780.593
0.5	781.809	779.376	781.323	780.836	778.646
1.0	781.323	779.133	781.323	780.593	778.403
1.5	781.079	778.646	780.593	779.863	777.673
2.0	780.836	778.403	780.349	779.376	776.943
2.5	780.349	777.916	779.619	778.403	776.213
3.0	779.863	777.429	778.889	777.429	774.996
3.5	779.133	776.699	777.673	775.969	773.780
4.0	778.403	775.726	776.699	774.753	772.076
4.5	777.673	774.753	775.240	773.050	770.130
5.0	777.186	773.780	774.023	771.103	768.426
5.5	775.726	772.563	772.320	769.400	766.480
6.0	774.753	771.346	770.616	767.210	764.290
6.5	773.536	769.886	768.913	764.776	761.857
7.0	772.076	768.183	766.966	762.587	758.937
7.5	770.616	766.723	764.776	759.667	756.017
8.0	769.156	765.020	762.587	756.990	752.853
8.5	767.453	763.073	760.153	754.070	750.177
9.0	765.506	761.127	757.720	750.907	747.014
9.5	763.803	759.423	755.043	747.744	743.364
10.0	761.857	757.233	752.367	744.337	739.714
10.5	760.153	755.043	749.447	740.687	735.821
11.0	757.963	752.610	746.284	737.037	731.441
11.5	756.017	750.420	743.120	733.144	727.791
12.0	754.557	748.230	739.714	729.251	723.654
12.5	751.393	745.797	736.307	724.871	719.518
13.0	748.474	742.877	732.901	720.734	714.894
13.5	746.040	739.470	729.251	716.598	710.271
14.0	743.120	736.307	725.357	711.975	705.648
14.5	740.200	732.901	721.464	707.351	700.781
15.0	737.281	729.737	717.814	702.728	695.672
15.5	734.361	726.574	713.921	697.618	690.562
16.0	731.197	723.168	710.028	692.752	685.695
16.5	728.277	719.518	705.648	687.885	680.342
17.0	724.628	715.868	700.781	682.532	674.746
17.5	721.221	712.218	696.158	677.422	669.392
18.0	718.058	708.325	691.535	672.069	663.552
18.5	714.164	704.431	686.669	666.472	657.956
19.0	710.515	700.538	681.802	661.363	652.359
19.5	707.108	696.402	676.935	655.523	646.033
20.0	702.971	692.265	672.069	649.683	640.193
20.5	699.322	688.372	667.202	644.086	634.353
21.0	695.428	683.992	661.849	638.490	628.270
21.5	691.292	679.612	656.496	632.650	622.187
22.0	687.155	675.232	651.386	626.567	616.104
22.5	683.019	670.609	646.276	620.484	610.021
23.0	678.639	666.229	640.680	614.400	603.694
23.5	674.502	661.606	635.083	608.561	597.368
24.0	669.636	656.739	629.487	602.234	591.284
24.5	665.256	651.873	623.647	596.151	584.958
25.0	660.633	647.006	618.294	589.824	578.631
25.5	656.009	642.140	612.454	583.498	572.062
26.0	651.386	636.787	606.614	577.415	565.735
26.5	646.520	631.920	600.774	571.088	559.165

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CANDELA TABULATION - (Cont.)

27.0	641.410	626.567	594.934	564.762	552.839
27.5	636.300	621.457	588.851	558.435	546.269
28.0	630.703	616.104	583.011	552.109	539.699
28.5	625.107	610.751	577.171	546.026	533.129
29.0	619.997	605.397	570.845	539.456	526.559
29.5	614.887	599.801	564.762	532.886	519.746
30.0	609.291	594.204	558.922	526.559	513.663
30.5	604.181	588.851	552.839	519.990	507.093
31.0	598.584	583.255	546.756	513.420	500.767
31.5	593.474	577.415	540.429	507.093	494.440
32.0	587.878	571.575	534.346	500.523	487.870
32.5	582.281	565.735	528.019	493.710	481.301
33.0	576.928	559.895	521.936	487.384	474.974
33.5	571.332	554.299	515.853	481.301	468.648
34.0	565.492	548.216	509.527	474.731	462.078
34.5	559.895	542.376	503.443	468.404	455.995
35.0	554.055	536.536	497.117	462.078	449.181
35.5	548.702	530.453	490.790	455.751	442.612
36.0	542.862	524.613	484.707	449.181	435.555
36.5	537.022	518.530	478.381	442.612	429.472
37.0	531.426	512.446	472.054	435.798	423.145
37.5	525.343	506.363	466.214	429.472	417.062
38.0	519.016	500.523	459.888	423.389	410.736
38.5	513.176	494.197	453.561	417.306	404.653
39.0	507.580	488.114	446.748	410.979	398.569
39.5	501.253	482.031	440.178	404.896	392.486
40.0	495.414	475.947	433.852	399.056	386.403
40.5	489.330	469.864	427.769	392.730	380.320
41.0	482.761	463.781	421.686	386.890	374.237
41.5	476.677	457.455	415.359	380.807	368.397
42.0	470.351	451.128	409.519	374.967	362.314
42.5	464.024	444.558	403.193	368.884	356.474
43.0	457.941	437.745	397.596	363.044	350.391
43.5	451.371	431.662	391.513	357.204	344.308
44.0	444.558	425.579	385.430	351.364	338.224
44.5	437.502	419.252	379.590	345.524	332.141
45.0	431.419	413.169	373.507	339.684	325.815
45.5	425.335	407.086	367.667	333.845	319.732
46.0	419.009	401.003	361.584	327.761	313.892
46.5	412.682	394.920	355.744	321.921	307.809
47.0	406.356	388.836	350.147	315.838	301.969
47.5	400.273	382.753	344.308	309.998	296.129
48.0	393.946	376.670	338.468	303.915	290.289
48.5	387.863	370.830	332.628	298.075	284.449
49.0	381.780	364.747	327.031	292.236	278.609
49.5	375.453	358.664	321.192	286.396	273.013
50.0	369.614	352.824	315.595	280.799	267.660
50.5	363.530	346.741	309.998	274.959	262.063
51.0	357.447	340.901	304.402	269.363	256.467
51.5	351.364	335.061	298.805	263.766	251.113
52.0	345.281	329.221	293.209	258.170	245.760
52.5	339.441	323.381	287.612	252.817	240.358
53.0	333.358	317.785	282.016	247.220	234.932
53.5	327.275	311.945	276.419	241.843	230.017
54.0	321.192	306.105	270.823	236.465	224.688
54.5	315.352	300.265	264.983	231.185	219.578

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CANDELA TABULATION - (Cont.)

55.0	309.268	294.669	259.386	225.807	214.614
55.5	303.429	289.072	253.790	220.625	209.650
56.0	297.345	283.476	247.950	215.417	204.638
56.5	291.506	277.636	242.451	210.356	199.601
57.0	285.422	272.283	236.927	205.246	194.783
57.5	279.826	266.686	231.404	200.258	189.917
58.0	273.986	261.090	225.905	195.294	185.220
58.5	267.903	255.493	220.527	190.379	180.451
59.0	262.306	249.897	215.101	185.537	175.731
59.5	256.467	244.544	209.723	180.695	171.156
60.0	250.870	239.044	204.443	175.998	166.679
60.5	245.030	233.691	199.260	171.229	162.129
61.0	239.385	228.314	194.078	166.509	157.700
61.5	233.740	222.960	188.895	161.885	153.393
62.0	228.119	217.607	183.736	157.457	149.038
62.5	222.620	212.376	178.626	152.955	144.707
63.0	217.121	207.169	173.589	148.478	140.521
63.5	211.743	202.010	168.553	144.074	136.433
64.0	206.195	196.827	163.613	139.743	132.224
64.5	200.793	191.717	158.698	135.436	128.160
65.0	195.465	186.583	153.807	131.202	124.145
65.5	190.111	181.498	148.965	126.968	120.130
66.0	184.855	176.534	144.171	122.856	116.164
66.5	179.648	171.521	139.475	118.695	112.295
67.0	174.368	166.509	134.730	114.631	108.451
67.5	169.185	161.569	130.131	110.616	104.582
68.0	164.100	156.532	125.459	106.626	100.810
68.5	158.990	151.471	120.982	102.733	97.063
69.0	153.929	146.312	116.505	98.815	93.365
69.5	148.892	141.300	112.076	94.995	89.763
70.0	143.831	136.263	107.696	91.223	86.065
70.5	138.818	131.226	103.365	87.476	82.561
71.0	133.830	126.262	99.083	83.753	79.008
71.5	128.988	121.371	94.873	80.128	75.456
72.0	124.218	116.529	90.737	76.478	71.976
72.5	119.328	111.809	86.649	72.925	68.545
73.0	114.583	107.064	82.634	69.397	65.212
73.5	109.813	102.343	78.692	65.893	61.829
74.0	105.215	97.793	74.799	62.535	58.593
74.5	100.591	93.243	70.978	59.104	55.357
75.0	96.041	88.717	67.158	55.771	52.169
75.5	91.515	84.337	63.460	52.486	49.103
76.0	87.160	79.957	59.834	49.322	46.037
76.5	82.828	75.723	56.233	46.208	43.093
77.0	78.546	71.441	52.729	43.118	40.271
77.5	74.361	67.280	49.274	40.149	37.448
78.0	70.200	63.192	45.867	37.253	34.698
78.5	66.161	59.177	42.485	34.431	32.022
79.0	62.170	55.211	39.224	31.657	29.394
79.5	58.325	51.293	36.061	28.980	26.790
80.0	54.530	47.473	32.995	26.377	24.284
80.5	50.807	43.726	30.027	23.773	21.778
81.0	47.132	40.027	27.204	21.242	19.344
81.5	43.556	36.450	24.430	18.736	16.863
82.0	40.076	32.995	21.802	16.327	14.405
82.5	36.694	29.637	19.223	13.845	11.801

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CANDELA TABULATION - (Cont.)

83.0	33.409	26.377	16.692	11.315	9.003
83.5	30.221	23.213	14.259	8.516	6.010
84.0	27.131	20.220	11.874	5.670	4.648
84.5	24.162	17.349	9.465	4.331	4.112
85.0	21.291	14.624	6.740	3.796	3.650
85.5	18.542	12.069	4.088	3.334	3.212
86.0	15.889	9.636	3.212	2.871	2.774
86.5	13.310	7.348	2.725	2.433	2.336
87.0	10.901	5.110	2.263	2.020	1.922
87.5	8.589	2.701	1.801	1.582	1.533
88.0	6.424	1.703	1.387	1.192	1.119
88.5	4.429	1.265	0.973	0.827	0.779
89.0	2.701	0.827	0.584	0.487	0.462
89.5	1.217	0.438	0.292	0.243	0.195
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 : LRX2X-4-L4-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	274.51	N.A.	16.70
0-30	558.83	N.A.	34.10
0-40	870.78	N.A.	53.10
0-60	1394.2	N.A.	85.00
0-80	1627.28	N.A.	99.20
0-90	1641.15	N.A.	100.00
10-90	1568.07	N.A.	95.50
20-40	596.27	N.A.	36.30
20-50	886.56	N.A.	54.00
40-70	680.12	N.A.	41.40
60-80	233.08	N.A.	14.20
70-80	76.38	N.A.	4.70
80-90	13.88	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	1641.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	73.08
10-20	201.43
20-30	284.32
30-40	311.95
40-50	290.29
50-60	233.13
60-70	156.70
70-80	76.38
80-90	13.88
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-L4-827-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	99	107	104	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-L4-827-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	18.3	19.8	18.7	20.2	20.5	16.2	17.7	16.6	18.0	18.3
	3H	19.9	21.3	20.3	21.6	22.0	17.4	18.8	17.8	19.2	19.5
	4H	20.5	21.8	20.9	22.1	22.5	17.8	19.1	18.2	19.5	19.8
	6H	20.8	22.0	21.2	22.4	22.8	18.0	19.2	18.4	19.6	20.0
	8H	20.9	22.1	21.4	22.5	22.9	18.0	19.2	18.5	19.5	19.9
	12H	21.0	22.1	21.4	22.5	22.9	18.0	19.1	18.4	19.5	19.9

UGR Viewed Endwise

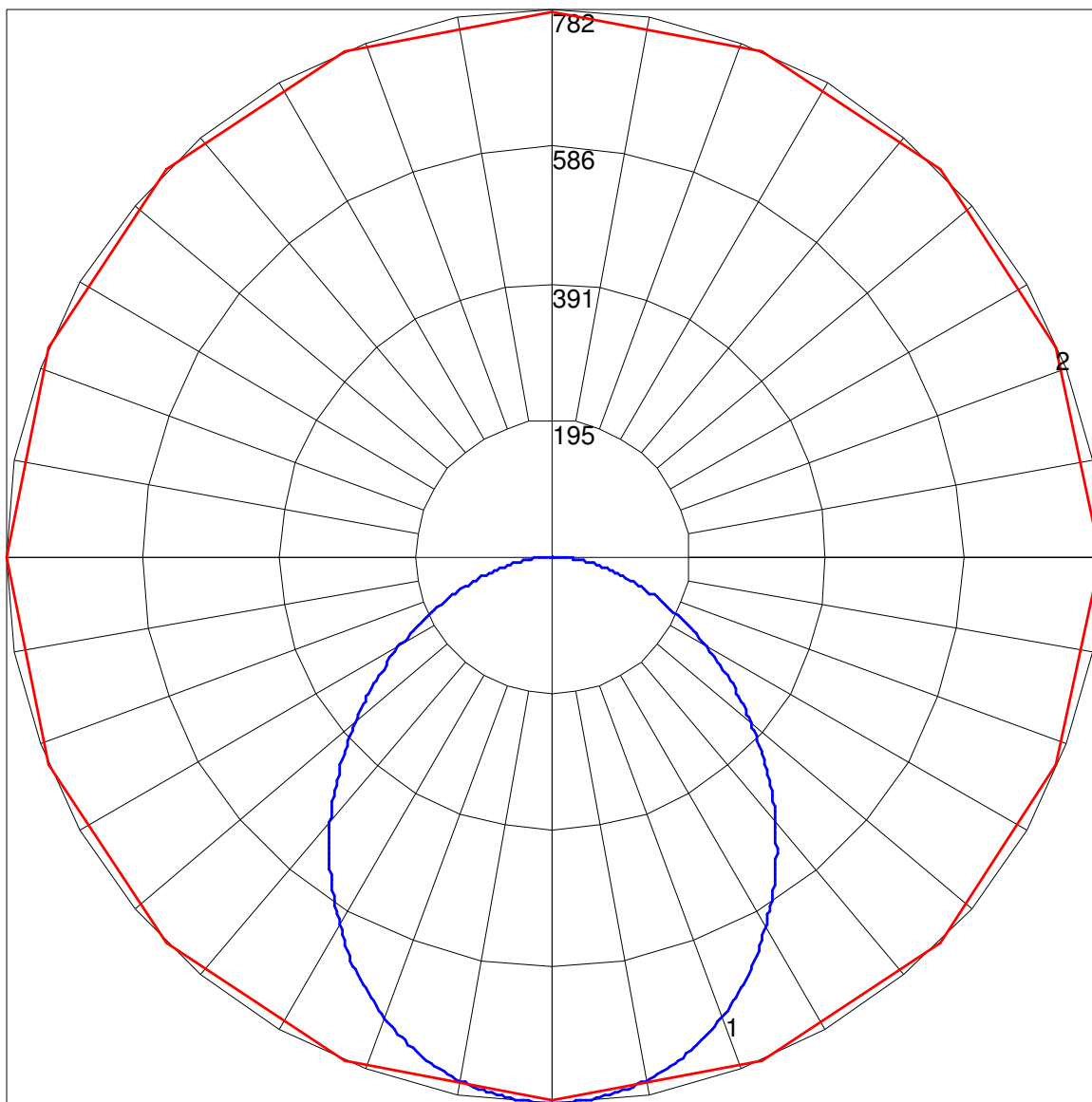
4H	2H	18.6	19.9	19.0	20.3	20.6	16.9	18.2	17.3	18.5	18.9
	3H	20.5	21.5	20.9	21.9	22.3	18.3	19.4	18.7	19.8	20.2
	4H	21.1	22.1	21.6	22.5	23.0	18.8	19.7	19.2	20.2	20.6
	6H	21.6	22.5	22.1	22.9	23.4	19.0	19.9	19.5	20.3	20.8
	8H	21.8	22.5	22.2	23.0	23.5	19.0	19.8	19.5	20.3	20.7
	12H	21.8	22.6	22.3	23.0	23.5	19.0	19.7	19.5	20.2	20.7

8H	4H	21.2	22.0	21.7	22.4	22.9	19.1	19.9	19.5	20.3	20.8
	6H	21.8	22.4	22.3	22.9	23.4	19.4	20.0	19.9	20.5	21.0
	8H	22.0	22.6	22.5	23.1	23.6	19.4	20.0	19.9	20.5	21.0
	12H	22.1	22.6	22.6	23.1	23.7	19.4	19.9	19.9	20.4	21.0

12H	4H	21.2	21.9	21.7	22.4	22.9	19.1	19.8	19.6	20.3	20.8
	6H	21.8	22.4	22.3	22.8	23.4	19.4	20.0	20.0	20.5	21.0
	8H	22.0	22.5	22.5	23.0	23.6	19.5	20.0	20.0	20.5	21.1

Maximum UGR = 23.7

POLAR GRAPH



Maximum Candela = 781.809 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.)