

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-4-L4-830-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-L4-830-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	1675
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
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	7154	6194	5403
55	6323	5303	4388
65	5423	4268	3445
75	4351	3043	2364
85	2865	907	491

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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	796.688	796.688	796.688	796.688	796.688
0.5	797.929	795.446	797.433	796.936	794.701
1.0	797.433	795.198	797.433	796.688	794.452
1.5	797.184	794.701	796.688	795.943	793.707
2.0	796.936	794.452	796.439	795.446	792.962
2.5	796.439	793.956	795.694	794.452	792.217
3.0	795.943	793.459	794.949	793.459	790.976
3.5	795.198	792.714	793.707	791.969	789.734
4.0	794.452	791.721	792.714	790.727	787.996
4.5	793.707	790.727	791.224	788.989	786.009
5.0	793.211	789.734	789.982	787.002	784.270
5.5	791.721	788.492	788.244	785.264	782.284
6.0	790.727	787.250	786.505	783.029	780.049
6.5	789.486	785.760	784.767	780.545	777.565
7.0	787.996	784.022	782.780	778.310	774.585
7.5	786.505	782.532	780.545	775.330	771.605
8.0	785.015	780.794	778.310	772.598	768.376
8.5	783.277	778.807	775.827	769.618	765.645
9.0	781.290	776.820	773.343	766.390	762.416
9.5	779.552	775.082	770.611	763.161	758.691
10.0	777.565	772.847	767.880	759.684	754.966
10.5	775.827	770.611	764.900	755.959	750.992
11.0	773.592	768.128	761.671	752.234	746.522
11.5	771.605	765.893	758.443	748.260	742.797
12.0	770.115	763.658	754.966	744.287	738.575
12.5	766.886	761.174	751.489	739.817	734.353
13.0	763.906	758.194	748.012	735.595	729.635
13.5	761.423	754.717	744.287	731.373	724.916
14.0	758.443	751.489	740.313	726.655	720.198
14.5	755.462	748.012	736.340	721.936	715.231
15.0	752.482	744.784	732.615	717.217	710.016
15.5	749.502	741.555	728.641	712.002	704.800
16.0	746.274	738.078	724.668	707.035	699.833
16.5	743.294	734.353	720.198	702.068	694.370
17.0	739.568	730.628	715.231	696.605	688.658
17.5	736.092	726.903	710.512	691.390	683.194
18.0	732.863	722.929	705.794	685.926	677.234
18.5	728.890	718.956	700.827	680.214	671.522
19.0	725.164	714.982	695.860	674.999	665.810
19.5	721.688	710.761	690.893	669.039	659.353
20.0	717.466	706.539	685.926	663.078	653.393
20.5	713.741	702.565	680.959	657.367	647.433
21.0	709.767	698.095	675.496	651.655	641.224
21.5	705.545	693.625	670.032	645.694	635.016
22.0	701.323	689.155	664.817	639.486	628.807
22.5	697.102	684.436	659.602	633.277	622.598
23.0	692.631	679.966	653.890	627.069	616.141
23.5	688.410	675.247	648.178	621.108	609.685
24.0	683.443	670.280	642.466	614.651	603.476
24.5	678.973	665.314	636.506	608.443	597.019
25.0	674.254	660.347	631.042	601.986	590.562
25.5	669.535	655.380	625.082	595.529	583.857
26.0	664.817	649.916	619.122	589.320	577.400
26.5	659.850	644.949	613.161	582.863	570.695

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CANDELA TABULATION - (Cont.)

27.0	654.635	639.486	607.201	576.406	564.238
27.5	649.420	634.271	600.992	569.949	557.532
28.0	643.708	628.807	595.032	563.493	550.827
28.5	637.996	623.343	589.072	557.284	544.122
29.0	632.781	617.880	582.615	550.579	537.416
29.5	627.565	612.168	576.406	543.873	530.463
30.0	621.853	606.456	570.446	537.416	524.254
30.5	616.638	600.992	564.238	530.711	517.549
31.0	610.926	595.281	558.029	524.006	511.092
31.5	605.711	589.320	551.572	517.549	504.635
32.0	599.999	583.360	545.363	510.844	497.930
32.5	594.287	577.400	538.906	503.890	491.224
33.0	588.824	571.440	532.698	497.433	484.767
33.5	583.112	565.728	526.489	491.224	478.311
34.0	577.151	559.519	520.032	484.519	471.605
34.5	571.440	553.559	513.824	478.062	465.397
35.0	565.479	547.599	507.367	471.605	458.443
35.5	560.016	541.390	500.910	465.148	451.738
36.0	554.055	535.430	494.701	458.443	444.536
36.5	548.095	529.221	488.244	451.738	438.327
37.0	542.383	523.012	481.787	444.784	431.870
37.5	536.175	516.804	475.827	438.327	425.662
38.0	529.718	510.844	469.370	432.119	419.205
38.5	523.758	504.387	462.913	425.910	412.996
39.0	518.046	498.178	455.960	419.453	406.787
39.5	511.589	491.969	449.254	413.244	400.579
40.0	505.628	485.761	442.797	407.284	394.370
40.5	499.420	479.552	436.589	400.827	388.162
41.0	492.715	473.344	430.380	394.867	381.953
41.5	486.506	466.887	423.923	388.658	375.993
42.0	480.049	460.430	417.963	382.698	369.784
42.5	473.592	453.724	411.506	376.490	363.824
43.0	467.383	446.771	405.794	370.529	357.615
43.5	460.678	440.562	399.586	364.569	351.407
44.0	453.724	434.354	393.377	358.609	345.198
44.5	446.523	427.897	387.417	352.648	338.990
45.0	440.314	421.688	381.208	346.688	332.533
45.5	434.105	415.480	375.248	340.728	326.324
46.0	427.648	409.271	369.039	334.519	320.364
46.5	421.191	403.062	363.079	328.559	314.155
47.0	414.734	396.854	357.367	322.351	308.195
47.5	408.526	390.645	351.407	316.390	302.235
48.0	402.069	384.437	345.447	310.182	296.274
48.5	395.860	378.476	339.486	304.221	290.314
49.0	389.652	372.268	333.774	298.261	284.354
49.5	383.195	366.059	327.814	292.301	278.642
50.0	377.235	360.099	322.102	286.589	273.178
50.5	371.026	353.890	316.390	280.629	267.466
51.0	364.817	347.930	310.678	274.917	261.755
51.5	358.609	341.970	304.966	269.205	256.291
52.0	352.400	336.009	299.255	263.493	250.827
52.5	346.440	330.049	293.543	258.029	245.314
53.0	340.231	324.337	287.831	252.318	239.776
53.5	334.023	318.377	282.119	246.829	234.760
54.0	327.814	312.417	276.407	241.341	229.321
54.5	321.854	306.457	270.447	235.952	224.106

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CANDELA TABULATION - (Cont.)

55.0	315.645	300.745	264.735	230.463	219.039
55.5	309.685	295.033	259.023	225.174	213.973
56.0	303.476	289.321	253.063	219.859	208.857
56.5	297.516	283.361	247.450	214.693	203.717
57.0	291.308	277.897	241.813	209.478	198.799
57.5	285.596	272.185	236.175	204.387	193.832
58.0	279.635	266.473	230.563	199.321	189.039
58.5	273.427	260.761	225.074	194.304	184.172
59.0	267.715	255.049	219.536	189.362	179.354
59.5	261.755	249.586	214.048	184.420	174.685
60.0	256.043	243.973	208.659	179.627	170.116
60.5	250.082	238.510	203.369	174.760	165.472
61.0	244.321	233.021	198.079	169.942	160.952
61.5	238.559	227.558	192.789	165.223	156.556
62.0	232.823	222.094	187.525	160.703	152.111
62.5	227.210	216.755	182.309	156.109	147.690
63.0	221.597	211.440	177.169	151.540	143.419
63.5	216.109	206.175	172.028	147.044	139.246
64.0	210.447	200.885	166.987	142.624	134.950
64.5	204.933	195.670	161.970	138.228	130.803
65.0	199.495	190.430	156.978	133.907	126.705
65.5	194.031	185.240	152.036	129.586	122.607
66.0	188.667	180.174	147.144	125.389	118.559
66.5	183.352	175.058	142.351	121.142	114.611
67.0	177.963	169.942	137.508	116.995	110.687
67.5	172.674	164.900	132.814	112.897	106.738
68.0	167.483	159.760	128.046	108.824	102.889
68.5	162.268	154.594	123.477	104.851	99.064
69.0	157.102	149.329	118.907	100.853	95.290
69.5	151.962	144.213	114.387	96.953	91.614
70.0	146.796	139.073	109.917	93.104	87.839
70.5	141.680	133.932	105.497	89.280	84.263
71.0	136.589	128.866	101.126	85.480	80.637
71.5	131.647	123.874	96.829	81.780	77.011
72.0	126.780	118.932	92.607	78.055	73.460
72.5	121.788	114.114	88.435	74.429	69.959
73.0	116.945	109.271	84.338	70.828	66.556
73.5	112.078	104.453	80.314	67.252	63.104
74.0	107.384	99.809	76.341	63.824	59.801
74.5	102.665	95.165	72.442	60.323	56.498
75.0	98.021	90.546	68.543	56.920	53.245
75.5	93.402	86.076	64.768	53.568	50.116
76.0	88.957	81.606	61.068	50.339	46.987
76.5	84.536	77.285	57.392	47.161	43.982
77.0	80.165	72.914	53.816	44.007	41.101
77.5	75.894	68.667	50.290	40.977	38.220
78.0	71.647	64.495	46.813	38.021	35.414
78.5	67.525	60.397	43.361	35.141	32.682
79.0	63.452	56.349	40.033	32.310	30.000
79.5	59.528	52.351	36.805	29.578	27.343
80.0	55.654	48.452	33.675	26.920	24.785
80.5	51.854	44.627	30.646	24.263	22.227
81.0	48.104	40.853	27.765	21.680	19.743
81.5	44.454	37.202	24.934	19.122	17.210
82.0	40.902	33.675	22.252	16.664	14.702
82.5	37.450	30.248	19.619	14.131	12.045

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CANDELA TABULATION - (Cont.)

83.0	34.098	26.920	17.036	11.548	9.189
83.5	30.844	23.692	14.553	8.692	6.134
84.0	27.690	20.637	12.119	5.786	4.743
84.5	24.661	17.707	9.661	4.421	4.197
85.0	21.730	14.925	6.879	3.874	3.725
85.5	18.924	12.318	4.172	3.402	3.278
86.0	16.217	9.834	3.278	2.930	2.831
86.5	13.584	7.500	2.781	2.483	2.384
87.0	11.126	5.215	2.310	2.061	1.962
87.5	8.767	2.757	1.838	1.614	1.565
88.0	6.556	1.738	1.416	1.217	1.142
88.5	4.520	1.291	0.993	0.844	0.795
89.0	2.757	0.844	0.596	0.497	0.472
89.5	1.242	0.447	0.298	0.248	0.199
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-4-L4-830-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-4-L4-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	280.17	N.A.	16.70
0-30	570.36	N.A.	34.10
0-40	888.74	N.A.	53.10
0-60	1422.94	N.A.	85.00
0-80	1660.83	N.A.	99.20
0-90	1674.99	N.A.	100.00
10-90	1600.4	N.A.	95.50
20-40	608.56	N.A.	36.30
20-50	904.84	N.A.	54.00
40-70	694.14	N.A.	41.40
60-80	237.89	N.A.	14.20
70-80	77.95	N.A.	4.70
80-90	14.16	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	1674.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	74.59
10-20	205.58
20-30	290.18
30-40	318.38
40-50	296.27
50-60	237.93
60-70	159.93
70-80	77.95
80-90	14.16
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-L4-830-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	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-L4-830-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

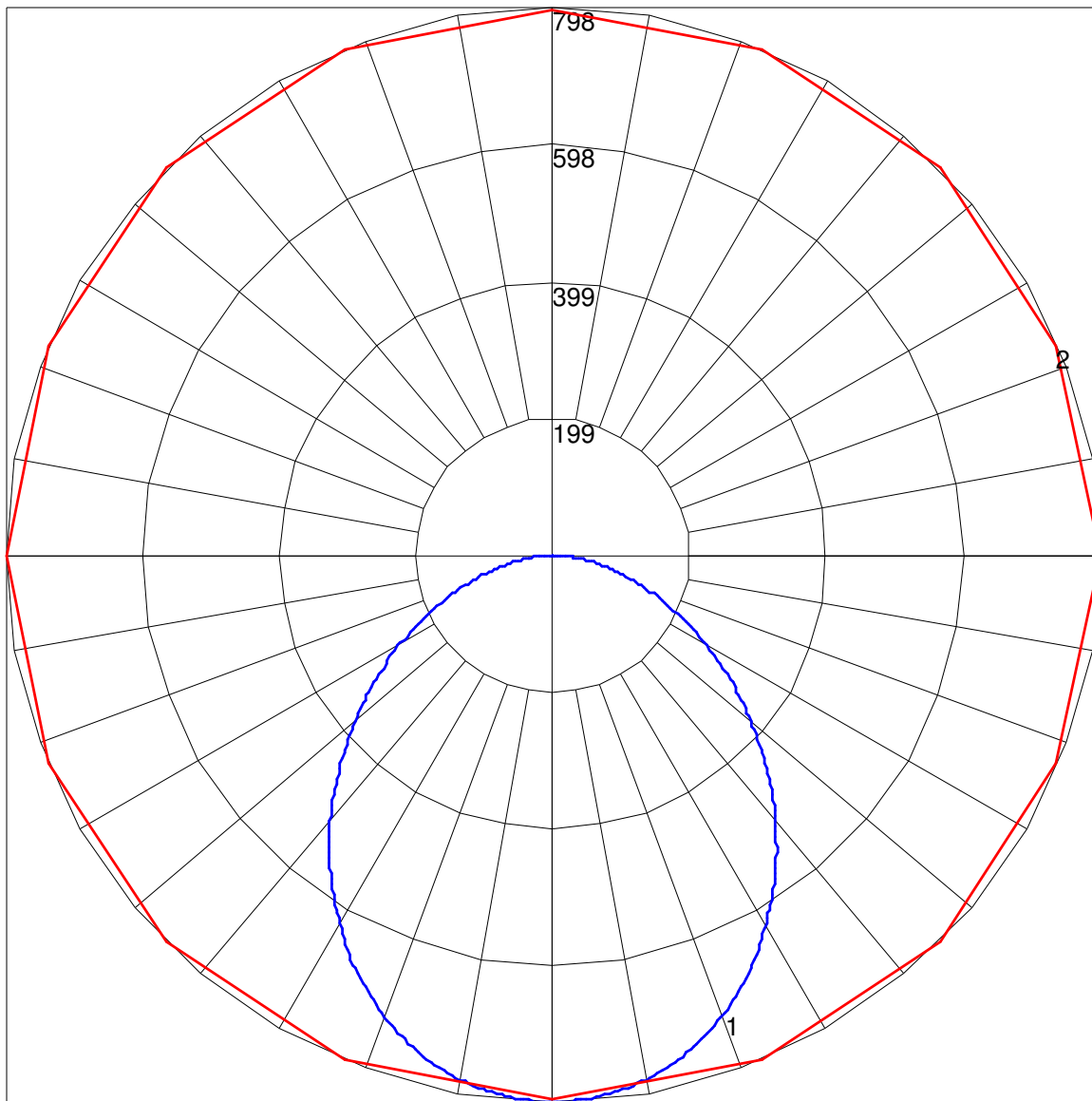
X=2H	Y=2H	18.4	19.9	18.8	20.3	20.6	16.3	17.8	16.7	18.1	18.4
	3H	20.0	21.4	20.4	21.7	22.1	17.5	18.9	17.9	19.3	19.6
	4H	20.6	21.9	21.0	22.2	22.6	17.9	19.2	18.3	19.6	19.9
	6H	20.9	22.1	21.3	22.5	22.9	18.1	19.3	18.5	19.7	20.1
	8H	21.0	22.2	21.5	22.6	23.0	18.1	19.3	18.6	19.6	20.0
	12H	21.1	22.2	21.5	22.6	23.0	18.1	19.2	18.5	19.6	20.0

UGR Viewed Endwise

4H	2H	18.7	20.0	19.1	20.4	20.7	17.0	18.3	17.4	18.6	19.0
	3H	20.6	21.6	21.0	22.0	22.4	18.4	19.5	18.8	19.9	20.3
	4H	21.2	22.2	21.7	22.6	23.1	18.9	19.8	19.3	20.3	20.7
	6H	21.7	22.6	22.2	23.0	23.5	19.1	20.0	19.6	20.4	20.9
	8H	21.9	22.6	22.3	23.1	23.6	19.1	19.9	19.6	20.4	20.8
	12H	21.9	22.7	22.4	23.1	23.6	19.1	19.8	19.6	20.3	20.8
8H	4H	21.3	22.1	21.8	22.5	23.0	19.2	20.0	19.6	20.4	20.9
	6H	21.9	22.5	22.4	23.0	23.5	19.5	20.1	20.0	20.6	21.1
	8H	22.1	22.7	22.6	23.2	23.7	19.5	20.1	20.0	20.6	21.1
	12H	22.2	22.7	22.7	23.2	23.8	19.5	20.0	20.0	20.5	21.1
12H	4H	21.3	22.0	21.8	22.5	23.0	19.2	19.9	19.7	20.4	20.9
	6H	21.9	22.5	22.4	22.9	23.5	19.5	20.1	20.1	20.6	21.1
	8H	22.1	22.6	22.6	23.1	23.7	19.6	20.1	20.1	20.6	21.2

Maximum UGR = 23.8

POLAR GRAPH



Maximum Candela = 797.929 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.)