

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-827-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-L8-827-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	1589
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	13
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	7751	6872	6083
55	6785	5864	4981
65	5773	4824	4007
75	4635	3622	2950
85	3001	1860	1424

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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	735.964	735.964	735.964	735.964	735.964
0.5	739.562	734.365	736.164	735.565	735.165
1.0	739.362	734.165	735.964	735.365	734.965
1.5	739.163	733.766	735.765	734.965	734.565
2.0	738.763	733.566	735.165	734.165	734.365
2.5	738.563	733.166	734.765	733.766	733.566
3.0	737.963	732.566	734.165	732.766	732.566
3.5	737.563	731.967	733.366	731.967	731.567
4.0	736.564	731.167	732.566	730.967	730.368
4.5	736.164	730.368	731.567	729.768	728.969
5.0	735.165	729.568	730.368	728.569	727.769
5.5	734.765	728.369	729.168	726.970	725.970
6.0	732.966	727.370	727.769	725.371	724.371
6.5	731.967	726.370	726.170	723.572	722.372
7.0	730.768	724.971	724.771	721.773	720.574
7.5	729.568	723.572	722.972	719.774	718.375
8.0	728.169	721.973	721.373	717.575	715.976
8.5	726.770	720.574	719.574	715.177	713.578
9.0	725.171	718.974	717.375	712.778	711.179
9.5	723.372	716.976	715.377	710.180	708.381
10.0	721.973	715.177	712.978	707.781	705.782
10.5	719.774	713.178	710.779	705.183	702.984
11.0	717.775	711.179	708.181	702.184	700.186
11.5	715.776	708.980	705.582	699.186	696.788
12.0	713.578	706.782	702.984	695.988	693.590
12.5	710.979	704.183	700.186	692.790	689.992
13.0	708.781	701.785	697.187	689.392	686.594
13.5	706.582	699.186	694.189	685.994	683.196
14.0	703.783	696.588	691.191	682.196	679.198
14.5	701.385	693.590	687.793	678.598	675.400
15.0	698.587	690.791	684.395	674.801	671.403
15.5	695.788	687.793	680.997	670.803	667.405
16.0	692.790	684.795	677.399	666.805	663.008
16.5	689.992	681.796	673.801	662.608	658.810
17.0	686.794	678.398	670.003	658.410	654.213
17.5	683.795	675.001	666.406	654.013	649.616
18.0	680.397	671.802	662.408	649.616	645.018
18.5	677.399	668.205	658.410	645.018	640.021
19.0	673.801	664.607	654.213	640.221	635.024
19.5	670.403	661.009	650.015	635.624	630.027
20.0	666.805	657.211	645.618	630.827	625.030
20.5	663.207	653.413	641.221	625.830	619.833
21.0	659.410	649.616	636.823	620.833	614.436
21.5	655.812	645.418	632.226	615.636	609.239
22.0	651.814	641.420	627.429	610.439	604.043
22.5	647.817	637.223	622.632	605.242	598.446
23.0	644.019	633.225	618.034	599.645	592.849
23.5	640.021	628.828	613.037	594.248	587.252
24.0	635.824	624.430	608.040	588.851	581.456
24.5	631.626	620.033	602.843	583.255	575.859
25.0	627.229	615.636	597.846	577.658	570.063
25.5	622.632	610.838	592.649	571.862	563.866
26.0	618.234	606.241	587.053	566.065	557.870
26.5	613.837	601.444	581.856	560.268	551.673

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CANDELA TABULATION - (Cont.)

27.0	609.040	596.647	576.259	554.272	545.677
27.5	604.043	591.650	570.862	548.276	539.681
28.0	599.445	586.853	565.265	542.079	533.284
28.5	594.648	581.856	559.869	536.083	527.088
29.0	589.851	576.859	554.272	529.886	521.092
29.5	584.254	571.662	548.475	523.690	514.695
30.0	578.857	566.265	542.679	517.494	508.499
30.5	573.860	561.068	537.082	511.497	502.103
31.0	568.663	555.871	531.286	505.301	495.707
31.5	563.666	550.474	525.489	498.905	489.310
32.0	558.070	545.077	519.493	492.708	483.114
32.5	552.873	539.481	513.696	486.312	476.518
33.0	547.476	534.084	507.500	480.116	470.322
33.5	542.079	528.487	501.903	473.720	463.526
34.0	536.882	522.891	495.707	467.523	457.329
34.5	531.485	517.494	489.710	461.327	451.133
35.0	526.089	511.697	483.514	454.931	444.737
35.5	520.492	505.901	477.517	448.934	438.141
36.0	515.295	500.304	471.521	442.538	432.144
36.5	509.698	494.507	465.325	436.342	425.748
37.0	503.902	488.711	459.528	430.145	419.752
37.5	498.305	482.914	453.532	423.749	413.355
38.0	492.708	476.918	447.335	417.553	406.959
38.5	486.912	471.321	441.339	411.357	400.763
39.0	480.915	465.325	435.342	405.160	394.566
39.5	475.319	459.528	429.146	398.964	388.370
40.0	469.522	453.532	423.150	393.167	382.374
40.5	463.326	447.735	416.953	386.971	375.977
41.0	457.529	441.739	410.957	380.775	369.381
41.5	451.733	435.942	404.960	374.578	363.185
42.0	445.536	429.946	398.964	368.182	356.789
42.5	439.140	423.749	392.967	362.186	350.593
43.0	433.144	417.753	386.971	355.590	344.396
43.5	427.347	411.956	380.975	349.393	338.600
44.0	420.951	405.960	374.978	343.597	332.603
44.5	414.954	399.963	368.382	337.600	326.607
45.0	408.758	394.167	362.386	331.804	320.810
45.5	402.562	387.970	356.189	326.007	314.814
46.0	396.565	382.174	350.393	320.210	309.017
46.5	390.569	376.177	344.596	314.614	303.420
47.0	384.373	370.181	338.799	308.817	297.624
47.5	378.176	363.785	333.203	303.221	292.027
48.0	372.180	357.588	327.606	297.624	286.231
48.5	365.983	351.792	321.810	292.027	280.634
49.0	359.387	345.795	316.213	286.430	275.237
49.5	353.591	340.199	310.816	280.834	269.840
50.0	347.594	334.402	305.219	275.437	264.443
50.5	341.998	328.606	299.623	270.040	259.047
51.0	336.001	323.009	294.026	264.443	253.650
51.5	330.205	317.212	288.629	259.247	248.453
52.0	324.608	311.416	283.032	253.850	243.256
52.5	318.811	305.819	277.636	248.653	238.259
53.0	313.015	300.222	272.239	243.456	233.262
53.5	307.218	294.626	267.042	238.259	228.065
54.0	301.621	289.029	261.445	233.262	223.068
54.5	295.825	283.632	256.248	228.065	218.071

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CANDELA TABULATION - (Cont.)

55.0	290.228	278.035	250.852	223.268	213.074
55.5	284.432	272.639	245.655	218.071	208.277
56.0	278.635	267.042	240.458	213.274	203.480
56.5	273.038	261.645	235.261	208.477	198.982
57.0	267.242	256.248	229.864	203.679	194.245
57.5	261.645	251.051	224.867	198.882	189.628
58.0	256.048	245.655	219.670	194.165	185.090
58.5	250.452	240.258	214.473	189.508	180.553
59.0	244.855	235.061	209.476	184.931	176.056
59.5	239.258	229.864	204.479	180.353	171.678
60.0	233.862	224.667	199.442	175.756	167.321
60.5	228.465	219.470	194.565	171.279	162.964
61.0	223.068	214.473	189.588	166.841	158.686
61.5	217.871	209.276	184.751	162.364	154.469
62.0	212.474	204.079	179.874	158.086	150.391
62.5	207.277	199.142	175.156	153.789	146.233
63.0	202.080	194.205	170.459	149.512	142.156
63.5	196.983	189.268	165.762	145.194	138.038
64.0	192.026	184.371	161.185	141.037	134.081
64.5	186.909	179.474	156.567	136.899	130.143
65.0	181.952	174.677	152.030	132.761	126.305
65.5	177.035	169.819	147.453	128.704	122.388
66.0	172.138	165.002	143.035	124.746	118.550
66.5	167.281	160.245	138.598	120.729	114.672
67.0	162.364	155.528	134.221	116.751	110.954
67.5	157.447	150.811	129.903	112.913	107.237
68.0	152.730	146.173	125.546	109.055	103.479
68.5	147.912	141.576	121.288	105.258	99.861
69.0	143.135	136.979	117.071	101.480	96.263
69.5	138.498	132.402	112.953	97.742	92.765
70.0	133.801	127.844	108.756	94.084	89.227
70.5	129.164	123.367	104.638	90.446	85.809
71.0	124.526	118.930	100.640	86.909	82.351
71.5	119.989	114.452	96.643	83.391	79.013
72.0	115.472	110.095	92.685	79.893	75.675
72.5	110.974	105.777	88.747	76.475	72.437
73.0	106.597	101.520	84.890	73.037	69.259
73.5	102.220	97.202	81.092	69.759	66.081
74.0	97.922	92.965	77.334	66.461	62.923
74.5	93.665	88.807	73.616	63.263	59.925
75.0	89.467	84.710	69.919	60.044	56.946
75.5	85.349	80.692	66.341	56.986	53.988
76.0	81.332	76.715	62.843	53.928	51.130
76.5	77.294	72.737	59.345	50.990	48.331
77.0	73.477	68.859	55.987	48.052	45.553
77.5	69.599	65.042	52.649	45.213	42.835
78.0	65.741	61.284	49.351	42.435	40.256
78.5	61.923	57.566	46.193	39.736	37.638
79.0	58.286	53.988	43.094	37.078	35.119
79.5	54.708	50.350	40.076	34.420	32.661
80.0	51.150	46.872	37.078	31.921	30.282
80.5	47.612	43.414	34.160	29.443	27.923
81.0	44.194	40.056	31.361	27.084	25.685
81.5	40.816	36.798	28.623	24.745	23.466
82.0	37.558	33.500	26.025	22.467	21.267
82.5	34.380	30.382	23.466	20.248	19.169

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CANDELA TABULATION - (Cont.)

83.0	31.242	27.304	20.988	18.089	17.030
83.5	28.143	24.366	18.649	15.971	14.991
84.0	25.185	21.487	16.370	13.892	13.012
84.5	22.267	18.769	14.192	11.913	11.113
85.0	19.508	16.150	12.093	10.054	9.255
85.5	16.830	13.632	10.094	8.155	7.256
86.0	14.312	11.233	8.295	6.196	5.057
86.5	11.813	9.075	6.556	3.918	3.118
87.0	9.514	7.036	4.677	2.479	2.219
87.5	7.376	5.237	2.698	1.899	1.739
88.0	5.397	3.578	1.699	1.459	1.359
88.5	3.718	1.999	1.259	1.059	0.939
89.0	2.339	0.999	0.840	0.680	0.600
89.5	1.159	0.540	0.460	0.340	0.300
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 : LRX4X-2-L8-827-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-L8-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	261.42	N.A.	16.50
0-30	535.87	N.A.	33.70
0-40	838.19	N.A.	52.80
0-60	1343.23	N.A.	84.50
0-80	1572.41	N.A.	99.00
0-90	1588.86	N.A.	100.00
10-90	1519.74	N.A.	95.60
20-40	576.77	N.A.	36.30
20-50	857.12	N.A.	53.90
40-70	657.33	N.A.	41.40
60-80	229.18	N.A.	14.40
70-80	76.89	N.A.	4.80
80-90	16.46	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	1588.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.12
10-20	192.30
20-30	274.45
30-40	302.32
40-50	280.35
50-60	224.69
60-70	152.29
70-80	76.89
80-90	16.46
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-L8-827-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	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-L8-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

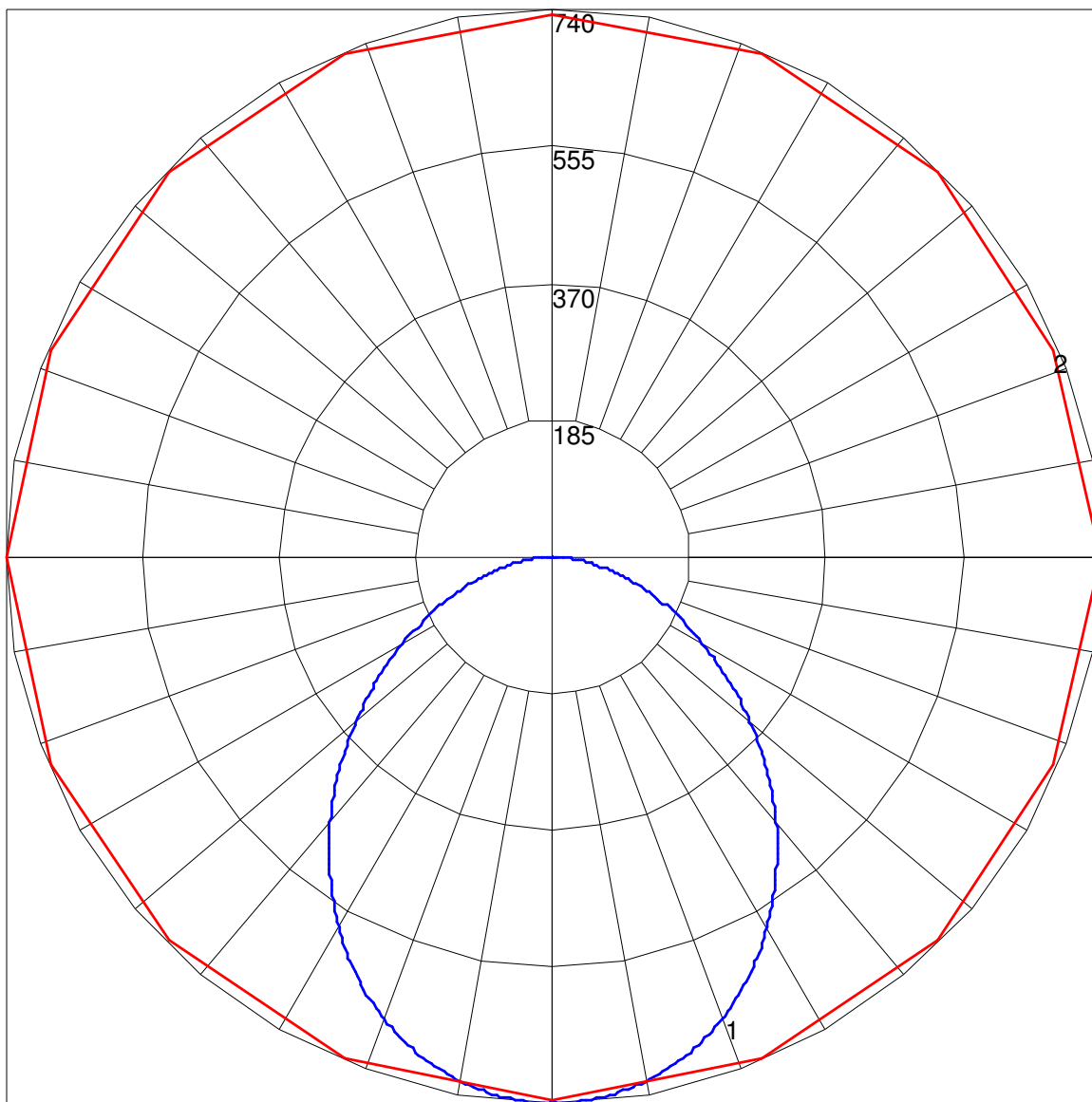
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	18.5	20.1	18.9	20.4	20.7	16.8	18.3	17.2	18.7	19.0
	3H	20.1	21.5	20.5	21.8	22.2	18.1	19.5	18.5	19.9	20.2
	4H	20.7	22.0	21.1	22.3	22.7	18.6	19.9	19.0	20.2	20.6
	6H	21.1	22.2	21.5	22.6	23.0	18.8	20.0	19.2	20.4	20.8
	8H	21.1	22.3	21.6	22.7	23.1	18.9	20.0	19.3	20.4	20.8
	12H	21.2	22.3	21.6	22.7	23.1	18.9	20.0	19.3	20.4	20.8
4H	2H	18.9	20.2	19.3	20.5	20.9	17.5	18.8	17.9	19.1	19.5
	3H	20.7	21.8	21.1	22.2	22.6	19.0	20.1	19.4	20.5	20.9
	4H	21.4	22.4	21.8	22.8	23.2	19.5	20.5	20.0	20.9	21.4
	6H	21.9	22.7	22.3	23.2	23.6	19.9	20.7	20.3	21.2	21.6
	8H	22.0	22.8	22.5	23.3	23.7	20.0	20.8	20.4	21.2	21.7
	12H	22.1	22.8	22.6	23.3	23.8	20.0	20.7	20.5	21.2	21.7
8H	4H	21.5	22.3	22.0	22.7	23.2	19.8	20.6	20.3	21.1	21.5
	6H	22.1	22.8	22.6	23.2	23.7	20.3	20.9	20.8	21.4	21.9
	8H	22.3	22.9	22.8	23.4	23.9	20.4	21.0	20.9	21.5	22.0
	12H	22.4	23.0	23.0	23.5	24.0	20.5	21.0	21.0	21.5	22.0
12H	4H	21.5	22.2	22.0	22.7	23.2	19.9	20.6	20.4	21.1	21.5
	6H	22.1	22.7	22.6	23.2	23.7	20.3	20.9	20.8	21.4	21.9
	8H	22.3	22.9	22.8	23.3	23.9	20.5	21.0	21.0	21.5	22.0

Maximum UGR = 24.0

POLAR GRAPH



Maximum Candela = 739.562 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.)