



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-827-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 14853501.01  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 2023-07-25  
 [TESTDATE] 6/19/2023  
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
 [LUMCAT] LRX2-2-L8-827-DMA-DIM-UNV  
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE  
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS  
 [LAMP] LED  
 [BALLAST] 0-10V DIMMING DRIVER  
 [\_SEARCH\_SOURCETYPE] LED  
 [\_SEARCH\_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE  
 [\_SEARCH\_MOUNTING] RECESSED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1552
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	13.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18126	15636	14262
55	16158	13740	12578
65	14245	12112	11150
75	11749	10311	9610
85	8863	8269	7967

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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	687.616	687.616	687.616	687.616	687.616
0.5	699.739	688.180	684.233	685.925	682.542
1.0	699.739	687.898	684.233	685.925	682.260
1.5	699.457	687.898	683.951	685.643	681.978
2.0	699.175	687.334	683.387	685.361	681.132
2.5	698.893	686.771	683.105	684.515	680.568
3.0	698.329	686.207	682.260	683.951	679.440
3.5	697.766	685.643	681.414	682.824	678.313
4.0	697.202	685.079	680.568	681.978	677.467
4.5	696.638	684.233	679.722	680.850	676.057
5.0	696.074	683.387	678.313	679.440	674.648
5.5	694.946	682.260	677.185	677.749	672.674
6.0	694.101	681.132	675.775	676.339	670.983
6.5	693.255	680.286	674.366	674.366	669.009
7.0	692.127	678.877	672.956	672.392	667.036
7.5	690.999	677.749	671.265	670.419	664.780
8.0	689.872	676.057	669.573	668.163	662.807
8.5	688.462	674.648	667.600	665.908	660.270
9.0	687.052	673.238	665.626	663.371	657.732
9.5	685.643	671.547	663.371	660.551	654.913
10.0	684.233	669.855	661.115	658.014	652.376
10.5	682.542	668.163	658.860	655.195	648.992
11.0	680.850	666.190	656.323	652.376	645.891
11.5	678.877	664.216	653.785	649.274	642.790
12.0	676.903	661.961	650.966	646.173	639.407
12.5	675.212	659.706	648.147	642.790	635.742
13.0	672.956	657.450	645.327	639.407	632.359
13.5	670.701	654.913	642.226	635.742	628.694
14.0	668.727	652.376	639.407	632.359	625.029
14.5	666.190	649.838	636.024	628.694	621.082
15.0	663.935	647.301	632.923	624.747	617.417
15.5	661.397	644.482	629.258	620.800	613.188
16.0	659.424	641.944	625.875	616.853	608.959
16.5	657.450	639.125	622.210	612.624	604.730
17.0	654.913	636.306	618.545	608.395	600.501
17.5	651.248	633.487	614.880	604.166	595.991
18.0	647.865	630.949	611.214	599.656	591.198
18.5	644.482	627.566	607.268	595.145	586.405
19.0	641.662	623.901	603.321	590.352	581.612
19.5	638.561	620.236	599.374	585.559	576.538
20.0	635.460	616.571	595.145	581.048	571.181
20.5	632.077	612.906	591.198	576.256	566.106
21.0	628.694	609.523	586.969	571.181	560.750
21.5	625.311	605.858	582.740	566.388	555.675
22.0	621.646	601.911	578.229	561.314	550.319
22.5	618.263	598.246	574.000	555.957	545.244
23.0	614.316	594.299	570.053	550.882	540.169
23.5	610.651	590.070	565.543	545.808	534.813
24.0	606.704	586.123	560.468	540.733	529.738
24.5	602.757	581.894	555.675	535.658	524.381
25.0	598.810	577.947	550.601	530.302	519.025
25.5	594.863	573.436	545.808	525.227	513.668
26.0	590.634	569.208	540.733	519.871	508.594
26.5	586.687	564.697	535.940	514.796	503.519

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**CANDELA TABULATION - (Cont.)**

27.0	582.176	560.468	530.866	509.721	498.162
27.5	577.947	555.675	526.073	504.647	492.524
28.0	573.718	551.164	520.998	499.572	487.449
28.5	569.490	546.654	515.924	494.215	482.375
29.0	564.979	541.861	511.131	488.859	477.300
29.5	560.186	537.068	506.056	483.502	472.225
30.0	555.675	532.275	500.982	478.428	466.869
30.5	550.882	527.765	496.189	473.353	461.512
31.0	546.090	522.972	491.114	467.996	456.155
31.5	541.015	517.897	485.758	462.640	451.081
32.0	536.222	513.104	480.683	457.283	445.724
32.5	531.148	508.030	475.608	451.927	440.368
33.0	526.355	502.955	470.252	446.570	435.011
33.5	521.280	497.880	465.177	441.495	429.654
34.0	516.206	492.806	460.102	436.139	424.298
34.5	511.413	487.449	454.464	430.782	418.941
35.0	506.338	482.375	449.389	425.144	413.585
35.5	501.264	477.018	444.033	419.787	408.510
36.0	495.907	471.943	438.958	414.712	403.153
36.5	490.832	466.587	433.601	409.356	398.079
37.0	485.758	461.230	428.245	403.717	392.722
37.5	480.401	455.874	422.888	398.643	387.929
38.0	475.326	450.517	417.532	393.286	382.573
38.5	469.970	445.160	412.457	388.211	377.498
39.0	464.613	439.804	406.818	382.855	372.424
39.5	459.257	434.447	401.462	377.780	367.349
40.0	453.618	429.091	396.105	372.424	362.274
40.5	447.980	423.734	390.749	367.631	357.482
41.0	442.623	418.377	385.392	362.556	352.125
41.5	436.985	412.739	380.036	357.482	347.050
42.0	431.346	407.382	374.961	352.125	342.258
42.5	425.989	401.744	369.604	347.050	337.183
43.0	420.351	396.387	364.530	342.258	332.390
43.5	414.712	390.749	358.891	337.465	327.597
44.0	409.074	385.392	353.817	332.390	322.805
44.5	403.435	380.036	348.460	327.316	318.012
45.0	398.079	374.397	343.385	322.523	313.219
45.5	392.440	369.040	338.311	317.730	308.426
46.0	386.802	363.684	333.236	312.937	303.916
46.5	381.445	358.045	327.879	308.145	299.123
47.0	375.807	352.689	322.805	303.352	294.612
47.5	370.450	347.332	318.012	298.277	290.101
48.0	364.812	341.976	312.937	293.766	285.309
48.5	359.173	336.619	308.145	288.974	280.967
49.0	353.817	330.981	302.788	284.463	276.428
49.5	348.178	325.624	297.995	279.642	271.889
50.0	342.821	320.549	292.921	274.934	267.350
50.5	337.183	315.193	288.128	270.479	263.036
51.0	331.826	309.836	283.053	266.109	258.751
51.5	326.188	304.480	278.289	261.655	254.071
52.0	320.831	299.405	273.327	257.060	249.673
52.5	315.193	294.048	268.421	252.464	245.444
53.0	309.836	288.974	263.572	247.925	240.934
53.5	304.198	283.899	258.949	243.668	236.846
54.0	298.841	278.571	254.269	239.468	232.532
54.5	293.484	273.355	249.504	235.154	228.303

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**CANDELA TABULATION - (Cont.)**

55.0	287.846	268.252	244.768	230.700	224.074
55.5	282.489	263.206	240.172	226.189	219.761
56.0	277.105	258.187	235.690	221.847	215.673
56.5	271.833	253.225	231.123	217.759	211.613
57.0	266.532	248.207	226.612	213.728	207.723
57.5	261.345	243.302	222.242	209.471	203.691
58.0	256.186	238.481	217.787	205.129	199.547
58.5	251.196	233.660	213.248	200.872	195.515
59.0	246.093	228.980	208.738	196.756	191.738
59.5	241.074	224.300	204.340	192.724	187.847
60.0	236.028	219.676	200.111	188.806	183.844
60.5	231.123	215.053	195.938	184.859	179.925
61.0	226.245	210.401	191.709	180.827	176.147
61.5	221.340	205.749	187.311	176.767	172.256
62.0	216.434	201.238	183.026	172.764	168.366
62.5	211.557	196.784	178.966	168.902	164.588
63.0	206.651	192.245	175.076	165.124	160.895
63.5	201.718	187.734	171.185	161.572	157.202
64.0	196.812	183.195	167.182	158.019	153.508
64.5	191.907	178.684	163.038	154.185	149.900
65.0	186.973	174.230	158.978	150.182	146.348
65.5	182.067	169.747	155.144	146.573	142.852
66.0	177.190	165.265	151.394	143.331	139.497
66.5	172.285	160.810	147.588	140.004	136.085
67.0	167.407	156.412	143.613	136.396	132.590
67.5	162.558	152.042	139.610	132.505	129.037
68.0	157.709	147.616	135.606	128.502	125.400
68.5	152.916	143.218	131.631	124.780	121.792
69.0	148.180	138.820	127.853	121.313	118.296
69.5	143.444	134.535	124.132	117.873	114.772
70.0	138.736	130.250	120.185	114.095	111.050
70.5	134.112	125.936	116.153	110.036	107.357
71.0	129.460	121.623	112.178	106.145	103.720
71.5	124.893	117.366	108.288	102.649	100.196
72.0	120.354	113.249	104.566	99.407	96.785
72.5	115.871	109.190	100.986	96.052	93.515
73.0	111.473	105.158	97.349	92.472	90.188
73.5	107.103	101.098	93.599	88.891	86.748
74.0	102.818	97.095	89.850	85.452	83.478
74.5	98.589	93.176	86.297	82.209	80.405
75.0	94.445	89.370	82.886	79.024	77.248
75.5	90.357	85.593	79.531	75.810	74.005
76.0	86.326	81.843	76.092	72.624	70.932
76.5	82.350	78.065	72.680	69.354	67.916
77.0	78.403	74.372	69.241	66.140	64.786
77.5	74.541	70.735	65.971	62.982	61.601
78.0	70.679	67.126	62.785	59.909	58.584
78.5	66.873	63.574	59.599	56.864	55.708
79.0	63.180	60.107	56.413	53.876	52.861
79.5	59.514	56.695	53.284	50.944	50.042
80.0	55.934	53.340	50.239	48.012	47.194
80.5	52.382	50.042	47.223	45.108	44.290
81.0	48.942	46.800	44.178	42.261	41.443
81.5	45.587	43.642	41.246	39.498	38.737
82.0	42.289	40.597	38.455	36.848	36.143
82.5	39.075	37.609	35.692	34.282	33.634

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

83.0	35.917	34.649	32.985	31.688	31.181
83.5	32.816	31.717	30.251	29.123	28.728
84.0	29.800	28.897	27.516	26.586	26.219
84.5	26.868	26.134	24.866	24.105	23.795
85.0	23.992	23.428	22.385	21.708	21.567
85.5	21.173	20.750	19.960	19.453	19.481
86.0	18.438	18.100	17.592	17.367	17.367
86.5	15.788	15.562	15.224	15.168	15.224
87.0	13.194	13.110	12.912	12.912	12.997
87.5	10.713	10.629	10.657	10.798	10.854
88.0	8.317	8.373	8.627	8.824	8.909
88.5	6.090	6.287	6.766	6.823	6.879
89.0	4.116	4.426	4.708	4.257	4.229
89.5	2.847	2.932	2.199	2.086	2.312
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 : LRX2-2-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 : LRX2-2-L8-827-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	243.47	N.A.	15.70
0-30	498.45	N.A.	32.10
0-40	782.33	N.A.	50.40
0-60	1275.57	N.A.	82.20
0-80	1526.35	N.A.	98.30
0-90	1552.04	N.A.	100.00
10-90	1487.53	N.A.	95.80
20-40	538.86	N.A.	34.70
20-50	808.24	N.A.	52.10
40-70	654.40	N.A.	42.20
60-80	250.79	N.A.	16.20
70-80	89.63	N.A.	5.80
80-90	25.69	N.A.	1.70
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	1552.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	64.51
10-20	178.96
20-30	254.98
30-40	283.88
40-50	269.38
50-60	223.86
60-70	161.16
70-80	89.63
80-90	25.69
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 : LRX2-2-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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-2-L8-827-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

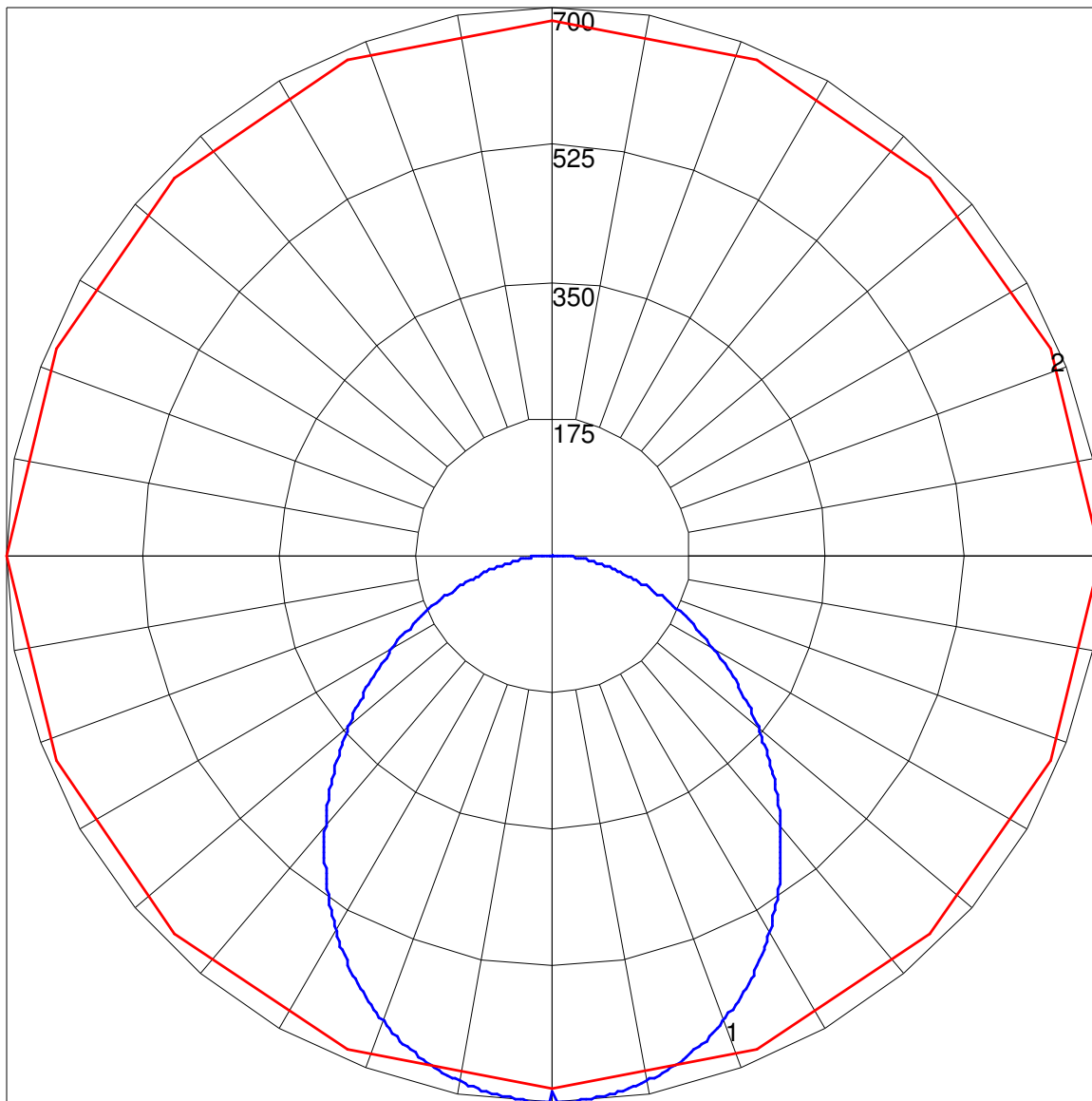
Reflectances

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	21.4	23.0	21.8	23.3	23.6	20.3	21.8	20.6	22.1	22.5
	3H	23.1	24.6	23.5	24.9	25.3	21.9	23.4	22.3	23.7	24.0
	4H	23.8	25.1	24.2	25.4	25.8	22.5	23.9	22.9	24.2	24.6
	6H	24.2	25.4	24.6	25.8	26.2	23.0	24.2	23.4	24.6	25.0
	8H	24.4	25.5	24.8	25.9	26.3	23.2	24.3	23.6	24.7	25.1
	12H	24.4	25.6	24.9	26.0	26.4	23.3	24.4	23.7	24.8	25.2
4H	2H	21.9	23.2	22.3	23.6	23.9	20.9	22.3	21.3	22.6	23.0
	3H	23.8	24.9	24.2	25.3	25.7	22.8	23.9	23.2	24.3	24.7
	4H	24.6	25.6	25.0	26.0	26.4	23.6	24.6	24.0	25.0	25.4
	6H	25.2	26.0	25.6	26.5	26.9	24.1	25.0	24.6	25.5	25.9
	8H	25.4	26.2	25.8	26.6	27.1	24.3	25.1	24.8	25.6	26.1
	12H	25.5	26.2	26.0	26.7	27.2	24.5	25.2	25.0	25.7	26.2
8H	4H	24.8	25.6	25.3	26.0	26.5	23.9	24.7	24.3	25.1	25.6
	6H	25.5	26.2	26.0	26.7	27.1	24.6	25.3	25.1	25.8	26.2
	8H	25.7	26.4	26.2	26.9	27.3	24.8	25.5	25.4	26.0	26.5
	12H	26.0	26.5	26.5	27.0	27.6	25.1	25.6	25.6	26.1	26.7
12H	4H	24.8	25.5	25.3	26.0	26.5	23.9	24.7	24.4	25.1	25.6
	6H	25.5	26.1	26.0	26.6	27.1	24.7	25.3	25.2	25.7	26.3
	8H	25.8	26.4	26.3	26.9	27.4	25.0	25.5	25.5	26.0	26.6

Maximum UGR = 27.6

POLAR GRAPH



Maximum Candela = 699.739 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.)