



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L4-827-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] LRX2-6-L4-827-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	2357
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	21.6
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)	6.00 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	9176	7915	7220
55	8180	6956	6368
65	7211	6132	5644
75	5948	5220	4865
85	4487	4186	4033

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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	1044.317	1044.317	1044.317	1044.317	1044.317
0.5	1062.729	1045.174	1039.179	1041.748	1036.610
1.0	1062.729	1044.746	1039.179	1041.748	1036.182
1.5	1062.301	1044.746	1038.751	1041.320	1035.754
2.0	1061.873	1043.889	1037.895	1040.892	1034.469
2.5	1061.444	1043.033	1037.467	1039.607	1033.613
3.0	1060.588	1042.177	1036.182	1038.751	1031.900
3.5	1059.732	1041.320	1034.898	1037.038	1030.188
4.0	1058.875	1040.464	1033.613	1035.754	1028.903
4.5	1058.019	1039.179	1032.328	1034.041	1026.762
5.0	1057.163	1037.895	1030.188	1031.900	1024.621
5.5	1055.450	1036.182	1028.475	1029.331	1021.624
6.0	1054.165	1034.469	1026.334	1027.190	1019.055
6.5	1052.881	1033.185	1024.193	1024.193	1016.058
7.0	1051.168	1031.044	1022.052	1021.196	1013.061
7.5	1049.455	1029.331	1019.483	1018.199	1009.635
8.0	1047.743	1026.762	1016.914	1014.773	1006.638
8.5	1045.602	1024.621	1013.917	1011.348	1002.784
9.0	1043.461	1022.480	1010.920	1007.494	998.931
9.5	1041.320	1019.911	1007.494	1003.213	994.649
10.0	1039.179	1017.342	1004.069	999.359	990.796
10.5	1036.610	1014.773	1000.644	995.077	985.657
11.0	1034.041	1011.776	996.790	990.796	980.948
11.5	1031.044	1008.779	992.936	986.086	976.238
12.0	1028.047	1005.354	988.655	981.376	971.100
12.5	1025.478	1001.928	984.373	976.238	965.533
13.0	1022.052	998.503	980.091	971.100	960.395
13.5	1018.627	994.649	975.381	965.533	954.829
14.0	1015.630	990.796	971.100	960.395	949.263
14.5	1011.776	986.942	965.961	954.829	943.268
15.0	1008.351	983.088	961.252	948.834	937.702
15.5	1004.497	978.807	955.685	942.840	931.279
16.0	1001.500	974.953	950.547	936.846	924.857
16.5	998.503	970.671	944.981	930.423	918.434
17.0	994.649	966.390	939.415	924.000	912.011
17.5	989.083	962.108	933.848	917.578	905.161
18.0	983.945	958.254	928.282	910.727	897.882
18.5	978.807	953.116	922.288	903.876	890.603
19.0	974.525	947.550	916.293	896.597	883.324
19.5	969.815	941.984	910.299	889.318	875.617
20.0	965.105	936.417	903.876	882.467	867.481
20.5	959.967	930.851	897.882	875.188	859.774
21.0	954.829	925.713	891.459	867.481	851.639
21.5	949.691	920.147	885.036	860.202	843.932
22.0	944.125	914.152	878.186	852.495	835.796
22.5	938.986	908.586	871.763	844.360	828.089
23.0	932.992	902.592	865.769	836.653	820.382
23.5	927.426	896.169	858.918	828.946	812.247
24.0	921.431	890.175	851.211	821.239	804.540
24.5	915.437	883.752	843.932	813.531	796.404
25.0	909.442	877.758	836.225	805.396	788.269
25.5	903.448	870.907	828.946	797.689	780.134
26.0	897.025	864.484	821.239	789.554	772.427
26.5	891.031	857.633	813.960	781.846	764.719

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**CANDELA TABULATION - (Cont.)**

27.0	884.180	851.211	806.252	774.139	756.584
27.5	877.758	843.932	798.973	766.432	748.021
28.0	871.335	837.081	791.266	758.725	740.314
28.5	864.912	830.230	783.559	750.590	732.606
29.0	858.062	822.951	776.280	742.454	724.899
29.5	850.783	815.672	768.573	734.319	717.192
30.0	843.932	808.393	760.866	726.612	709.057
30.5	836.653	801.542	753.587	718.905	700.922
31.0	829.374	794.264	745.880	710.770	692.786
31.5	821.667	786.556	737.745	702.634	685.079
32.0	814.388	779.277	730.037	694.499	676.944
32.5	806.681	771.570	722.330	686.364	668.808
33.0	799.402	763.863	714.195	678.228	660.673
33.5	791.694	756.156	706.488	670.521	652.538
34.0	783.987	748.449	698.781	662.386	644.402
34.5	776.708	740.314	690.217	654.250	636.267
35.0	769.001	732.606	682.510	645.687	628.132
35.5	761.294	724.471	674.375	637.552	620.425
36.0	753.159	716.764	666.668	629.845	612.289
36.5	745.452	708.629	658.532	621.709	604.582
37.0	737.745	700.493	650.397	613.146	596.447
37.5	729.609	692.358	642.262	605.439	589.168
38.0	721.902	684.223	634.126	597.303	581.033
38.5	713.767	676.087	626.419	589.596	573.326
39.0	705.631	667.952	617.856	581.461	565.618
39.5	697.496	659.817	609.720	573.754	557.911
40.0	688.933	651.681	601.585	565.618	550.204
40.5	680.369	643.546	593.450	558.339	542.925
41.0	672.234	635.411	585.314	550.632	534.790
41.5	663.670	626.847	577.179	542.925	527.083
42.0	655.107	618.712	569.472	534.790	519.804
42.5	646.972	610.149	561.337	527.083	512.097
43.0	638.408	602.013	553.630	519.804	504.818
43.5	629.845	593.450	545.066	512.525	497.539
44.0	621.281	585.314	537.359	504.818	490.260
44.5	612.718	577.179	529.224	497.110	482.981
45.0	604.582	568.616	521.516	489.832	475.702
45.5	596.019	560.480	513.809	482.553	468.423
46.0	587.455	552.345	506.102	475.274	461.572
46.5	579.320	543.781	497.967	467.995	454.293
47.0	570.756	535.646	490.260	460.716	447.442
47.5	562.621	527.511	482.981	453.009	440.591
48.0	554.058	519.376	475.274	446.158	433.312
48.5	545.494	511.240	467.995	438.879	426.719
49.0	537.359	502.677	459.859	432.028	419.825
49.5	528.795	494.541	452.580	424.706	412.931
50.0	520.660	486.834	444.873	417.556	406.038
50.5	512.097	478.699	437.594	410.791	399.487
51.0	503.961	470.564	429.887	404.154	392.978
51.5	495.398	462.428	422.651	397.389	385.871
52.0	487.262	454.721	415.115	390.409	379.191
52.5	478.699	446.586	407.665	383.430	372.769
53.0	470.564	438.879	400.300	376.537	365.918
53.5	462.000	431.172	393.278	370.071	359.709
54.0	453.865	423.079	386.170	363.691	353.158
54.5	445.730	415.158	378.934	357.140	346.736

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**CANDELA TABULATION - (Cont.)**

55.0	437.166	407.408	371.741	350.375	340.313
55.5	429.031	399.744	364.762	343.524	333.762
56.0	420.853	392.122	357.954	336.930	327.553
56.5	412.846	384.586	351.017	330.722	321.388
57.0	404.796	376.965	344.167	324.599	315.479
57.5	396.918	369.515	337.530	318.134	309.356
58.0	389.082	362.193	330.765	311.540	303.062
58.5	381.503	354.871	323.871	305.074	296.939
59.0	373.753	347.763	317.020	298.823	291.201
59.5	366.132	340.656	310.341	292.700	285.293
60.0	358.468	333.633	303.918	286.748	279.213
60.5	351.017	326.611	297.581	280.754	273.261
61.0	343.610	319.547	291.159	274.631	267.523
61.5	336.160	312.482	284.479	268.465	261.615
62.0	328.709	305.631	277.971	262.385	255.706
62.5	321.302	298.866	271.805	256.519	249.968
63.0	313.852	291.972	265.896	250.782	244.359
63.5	306.359	285.121	259.987	245.387	238.750
64.0	298.909	278.228	253.907	239.992	233.141
64.5	291.458	271.377	247.613	234.169	227.660
65.0	283.965	264.612	241.448	228.089	222.265
65.5	276.515	257.804	235.624	222.608	216.956
66.0	269.108	250.996	229.930	217.684	211.861
66.5	261.657	244.231	224.149	212.631	206.680
67.0	254.250	237.551	218.112	207.151	201.370
67.5	246.885	230.914	212.032	201.242	195.975
68.0	239.521	224.192	205.952	195.162	190.452
68.5	232.242	217.513	199.915	189.510	184.971
69.0	225.048	210.833	194.177	184.243	179.662
69.5	217.855	204.325	188.525	179.020	174.310
70.0	210.705	197.817	182.531	173.282	168.658
70.5	203.683	191.266	176.408	167.116	163.049
71.0	196.618	184.714	170.371	161.208	157.525
71.5	189.681	178.249	164.462	155.898	152.173
72.0	182.788	171.998	158.810	150.974	146.992
72.5	175.980	165.832	153.372	145.879	142.025
73.0	169.300	159.709	147.849	140.441	136.973
73.5	162.663	153.543	142.154	135.003	131.749
74.0	156.155	147.463	136.459	129.780	126.782
74.5	149.733	141.512	131.064	124.856	122.115
75.0	143.438	135.731	125.883	120.017	117.320
75.5	137.230	129.994	120.788	115.136	112.396
76.0	131.107	124.299	115.564	110.298	107.729
76.5	125.070	118.561	110.383	105.331	103.147
77.0	119.075	112.952	105.160	100.450	98.394
77.5	113.209	107.429	100.193	95.654	93.556
78.0	107.343	101.948	95.354	90.987	88.975
78.5	101.563	96.553	90.516	86.363	84.607
79.0	95.954	91.287	85.678	81.824	80.283
79.5	90.388	86.106	80.925	77.371	76.001
80.0	84.950	81.011	76.301	72.918	71.676
80.5	79.555	76.001	71.719	68.508	67.266
81.0	74.331	71.077	67.095	64.183	62.942
81.5	69.236	66.281	62.642	59.987	58.831
82.0	64.226	61.657	58.403	55.962	54.892
82.5	59.345	57.118	54.207	52.066	51.081

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**CANDELA TABULATION - (Cont.)**

83.0	54.549	52.623	50.096	48.127	47.356
83.5	49.840	48.170	45.943	44.230	43.631
84.0	45.258	43.888	41.790	40.377	39.820
84.5	40.805	39.692	37.765	36.609	36.138
85.0	36.438	35.581	33.997	32.969	32.755
85.5	32.156	31.514	30.315	29.544	29.587
86.0	28.003	27.489	26.718	26.376	26.376
86.5	23.978	23.635	23.121	23.036	23.121
87.0	20.039	19.910	19.610	19.610	19.739
87.5	16.271	16.142	16.185	16.399	16.485
88.0	12.631	12.717	13.102	13.402	13.530
88.5	9.249	9.548	10.276	10.362	10.447
89.0	6.251	6.722	7.151	6.465	6.423
89.5	4.325	4.453	3.340	3.168	3.511
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

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LRX2-6-L4-827-DMA-DIM-UNV\_.IES

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 : LRX2-6-L4-827-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 : LRX2-6-L4-827-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	369.77	N.A.	15.70
0-30	757.02	N.A.	32.10
0-40	1188.16	N.A.	50.40
0-60	1937.27	N.A.	82.20
0-80	2318.15	N.A.	98.30
0-90	2357.17	N.A.	100.00
10-90	2259.19	N.A.	95.80
20-40	818.39	N.A.	34.70
20-50	1227.51	N.A.	52.10
40-70	993.87	N.A.	42.20
60-80	380.89	N.A.	16.20
70-80	136.12	N.A.	5.80
80-90	39.01	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	2357.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	97.97
10-20	271.79
20-30	387.25
30-40	431.14
40-50	409.12
50-60	339.99
60-70	244.76
70-80	136.12
80-90	39.01
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 : LRX2-6-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	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 : LRX2-6-L4-827-DMA-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

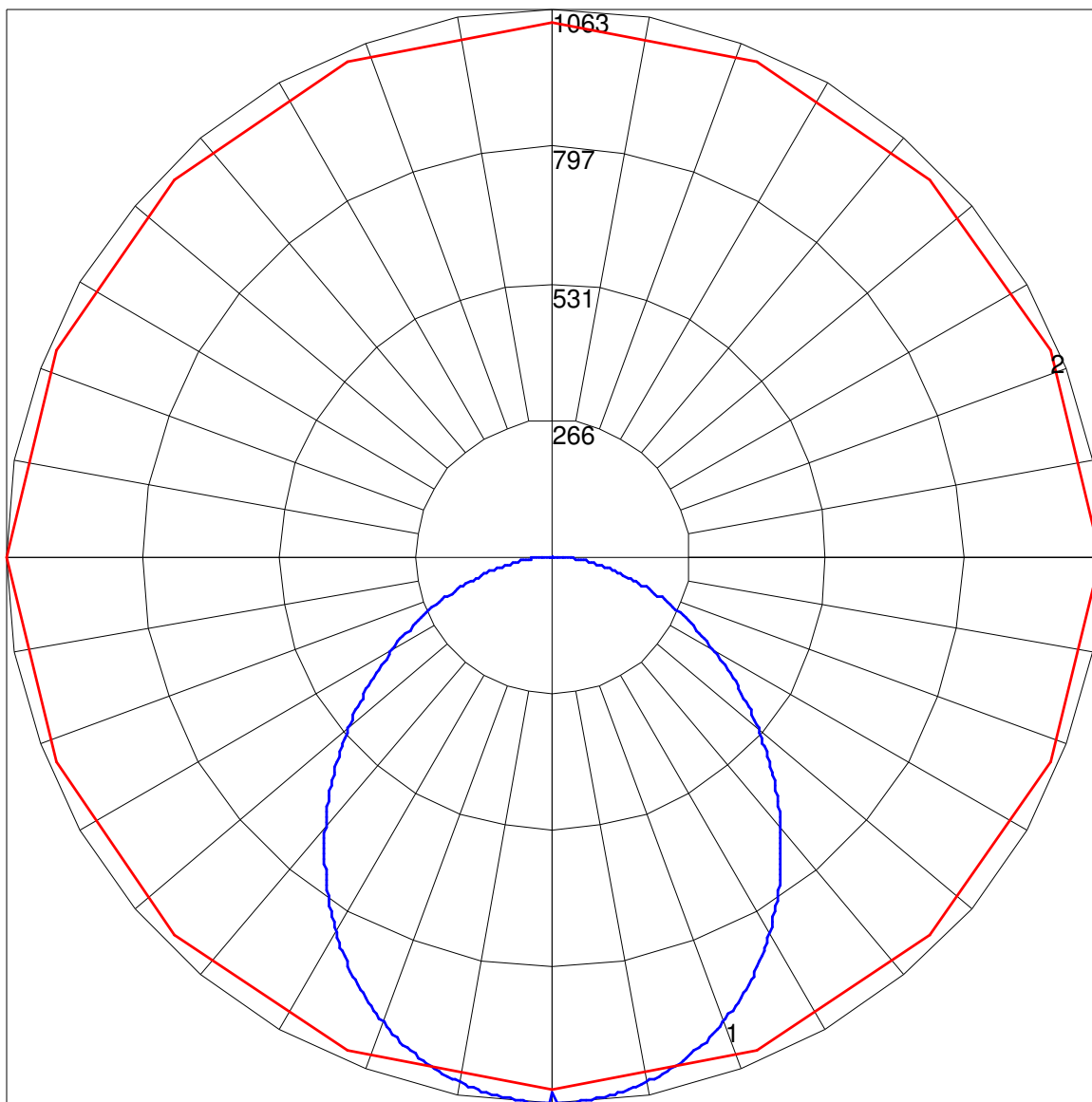
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.1	20.7	19.5	21.0	21.3	18.0	19.5	18.3	19.8	20.1
	3H	20.8	22.2	21.2	22.6	22.9	19.6	21.0	20.0	21.4	21.7
	4H	21.4	22.8	21.8	23.1	23.5	20.2	21.6	20.6	21.9	22.3
	6H	21.9	23.1	22.3	23.5	23.9	20.7	21.9	21.1	22.3	22.7
	8H	22.0	23.2	22.5	23.6	24.0	20.8	22.0	21.3	22.4	22.8
	12H	22.1	23.3	22.6	23.6	24.1	20.9	22.1	21.4	22.5	22.9
4H	2H	19.6	20.9	20.0	21.2	21.6	18.6	19.9	19.0	20.3	20.7
	3H	21.5	22.6	21.9	23.0	23.4	20.5	21.6	20.9	22.0	22.4
	4H	22.3	23.3	22.7	23.7	24.1	21.2	22.2	21.7	22.7	23.1
	6H	22.8	23.7	23.3	24.2	24.6	21.8	22.7	22.3	23.1	23.6
	8H	23.0	23.8	23.5	24.3	24.8	22.0	22.8	22.5	23.3	23.7
	12H	23.2	23.9	23.7	24.4	24.9	22.2	22.9	22.7	23.4	23.8
8H	4H	22.5	23.3	22.9	23.7	24.2	21.6	22.4	22.0	22.8	23.3
	6H	23.2	23.8	23.7	24.3	24.8	22.3	22.9	22.8	23.4	23.9
	8H	23.4	24.0	23.9	24.5	25.0	22.5	23.1	23.0	23.7	24.1
	12H	23.7	24.2	24.2	24.7	25.2	22.8	23.3	23.3	23.8	24.4
12H	4H	22.5	23.2	23.0	23.7	24.2	21.6	22.3	22.1	22.8	23.3
	6H	23.2	23.8	23.7	24.3	24.8	22.3	23.0	22.9	23.4	24.0
	8H	23.5	24.1	24.0	24.6	25.1	22.7	23.2	23.2	23.7	24.3

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 1062.729 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.)