



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-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] LRX2-8-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	6208
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	55.2
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)	8.00 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	11149
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	2750.465	2750.465	2750.465	2750.465	2750.465
0.5	2798.956	2752.721	2736.933	2743.699	2730.167
1.0	2798.956	2751.593	2736.933	2743.699	2729.039
1.5	2797.829	2751.593	2735.805	2742.571	2727.911
2.0	2796.701	2749.337	2733.550	2741.444	2724.528
2.5	2795.573	2747.082	2732.422	2738.060	2722.273
3.0	2793.318	2744.827	2729.039	2735.805	2717.762
3.5	2791.062	2742.571	2725.656	2731.294	2713.251
4.0	2788.807	2740.316	2722.273	2727.911	2709.868
4.5	2786.552	2736.933	2718.890	2723.400	2704.229
5.0	2784.296	2733.550	2713.251	2717.762	2698.591
5.5	2779.785	2729.039	2708.740	2710.996	2690.697
6.0	2776.402	2724.528	2703.102	2705.357	2683.931
6.5	2773.019	2721.145	2697.463	2697.463	2676.037
7.0	2768.508	2715.506	2691.825	2689.569	2668.143
7.5	2763.998	2710.996	2685.058	2681.675	2659.121
8.0	2759.487	2704.229	2678.292	2672.654	2651.227
8.5	2753.848	2698.591	2670.398	2663.632	2641.078
9.0	2748.210	2692.952	2662.504	2653.483	2630.929
9.5	2742.571	2686.186	2653.483	2642.206	2619.652
10.0	2736.933	2679.420	2644.461	2632.056	2609.502
10.5	2730.167	2672.654	2635.440	2620.779	2595.970
11.0	2723.400	2664.760	2625.290	2609.502	2583.565
11.5	2715.506	2656.866	2615.141	2597.098	2571.161
12.0	2707.612	2647.844	2603.864	2584.693	2557.628
12.5	2700.846	2638.823	2592.587	2571.161	2542.968
13.0	2691.825	2629.801	2581.310	2557.628	2529.436
13.5	2682.803	2619.652	2568.905	2542.968	2514.775
14.0	2674.909	2609.502	2557.628	2529.436	2500.115
14.5	2664.760	2599.353	2544.096	2514.775	2484.328
15.0	2655.738	2589.204	2531.691	2498.988	2469.667
15.5	2645.589	2577.927	2517.031	2483.200	2452.752
16.0	2637.695	2567.777	2503.498	2467.412	2435.836
16.5	2629.801	2556.500	2488.838	2450.496	2418.921
17.0	2619.652	2545.223	2474.178	2433.581	2402.005
17.5	2604.992	2533.946	2459.518	2416.665	2383.962
18.0	2591.459	2523.797	2444.858	2398.622	2364.791
18.5	2577.927	2510.265	2429.070	2380.579	2345.620
19.0	2566.650	2495.605	2413.282	2361.408	2326.449
19.5	2554.245	2480.944	2397.494	2342.237	2306.151
20.0	2541.840	2466.284	2380.579	2324.194	2284.724
20.5	2528.308	2451.624	2364.791	2305.023	2264.426
21.0	2514.775	2438.092	2347.876	2284.724	2242.999
21.5	2501.243	2423.432	2330.960	2265.553	2222.701
22.0	2486.583	2407.644	2312.917	2245.255	2201.274
22.5	2473.050	2392.984	2296.001	2223.828	2180.976
23.0	2457.263	2377.196	2280.213	2203.530	2160.677
23.5	2442.603	2360.280	2262.170	2183.231	2139.251
24.0	2426.815	2344.492	2241.872	2162.932	2118.952
24.5	2411.027	2327.577	2222.701	2142.634	2097.526
25.0	2395.239	2311.789	2202.402	2121.207	2076.099
25.5	2379.451	2293.746	2183.231	2100.909	2054.673
26.0	2362.536	2276.830	2162.932	2079.482	2034.374
26.5	2346.748	2258.787	2143.761	2059.184	2014.076

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**CANDELA TABULATION - (Cont.)**

27.0	2328.705	2241.872	2123.463	2038.885	1992.649
27.5	2311.789	2222.701	2104.292	2018.587	1970.095
28.0	2294.874	2204.657	2083.993	1998.288	1949.797
28.5	2277.958	2186.614	2063.695	1976.862	1929.498
29.0	2259.915	2167.443	2044.524	1955.435	1909.199
29.5	2240.744	2148.272	2024.225	1934.009	1888.901
30.0	2222.701	2129.101	2003.926	1913.710	1867.475
30.5	2203.530	2111.058	1984.756	1893.412	1846.048
31.0	2184.359	2091.887	1964.457	1871.985	1824.622
31.5	2164.060	2071.589	1943.031	1850.559	1804.323
32.0	2144.889	2052.418	1922.732	1829.133	1782.897
32.5	2124.591	2032.119	1902.433	1807.706	1761.471
33.0	2105.420	2011.820	1881.007	1786.280	1740.044
33.5	2085.121	1991.522	1860.708	1765.981	1718.618
34.0	2064.822	1971.223	1840.410	1744.555	1697.192
34.5	2045.651	1949.797	1817.856	1723.129	1675.765
35.0	2025.353	1929.498	1797.557	1700.575	1654.339
35.5	2005.054	1908.072	1776.131	1679.148	1634.040
36.0	1983.628	1887.773	1755.832	1658.850	1612.614
36.5	1963.329	1866.347	1734.406	1637.423	1592.315
37.0	1943.031	1844.920	1712.979	1614.869	1570.889
37.5	1921.604	1823.494	1691.553	1594.571	1551.718
38.0	1901.306	1802.068	1670.127	1573.144	1530.292
38.5	1879.879	1780.641	1649.828	1552.846	1509.993
39.0	1858.453	1759.215	1627.274	1531.419	1489.694
39.5	1837.027	1737.789	1605.848	1511.121	1469.396
40.0	1814.473	1716.362	1584.421	1489.694	1449.097
40.5	1791.918	1694.936	1562.995	1470.523	1429.926
41.0	1770.492	1673.510	1541.569	1450.225	1408.500
41.5	1747.938	1650.956	1520.142	1429.926	1388.201
42.0	1725.384	1629.529	1499.844	1408.500	1369.030
42.5	1703.958	1606.975	1478.417	1388.201	1348.732
43.0	1681.404	1585.549	1458.119	1369.030	1329.561
43.5	1658.850	1562.995	1435.565	1349.859	1310.390
44.0	1636.296	1541.569	1415.266	1329.561	1291.219
44.5	1613.742	1520.142	1393.840	1309.262	1272.048
45.0	1592.315	1497.588	1373.541	1290.091	1252.877
45.5	1569.761	1476.162	1353.242	1270.920	1233.706
46.0	1547.207	1454.736	1332.944	1251.749	1215.663
46.5	1525.781	1432.182	1311.517	1232.578	1196.492
47.0	1503.227	1410.755	1291.219	1213.407	1178.449
47.5	1481.800	1389.329	1272.048	1193.109	1160.405
48.0	1459.246	1367.903	1251.749	1175.065	1141.234
48.5	1436.692	1346.476	1232.578	1155.895	1123.868
49.0	1415.266	1323.922	1211.152	1137.851	1105.712
49.5	1392.712	1302.496	1191.981	1118.568	1087.556
50.0	1371.286	1282.197	1171.682	1099.735	1069.400
50.5	1348.732	1260.771	1152.511	1081.917	1052.146
51.0	1327.305	1239.344	1132.213	1064.438	1035.005
51.5	1304.751	1217.918	1113.155	1046.620	1016.285
52.0	1283.325	1197.620	1093.307	1028.239	998.693
52.5	1260.771	1176.193	1073.685	1009.857	981.777
53.0	1239.344	1155.895	1054.289	991.701	963.734
53.5	1216.790	1135.596	1035.794	974.673	947.382
54.0	1195.364	1114.282	1017.074	957.870	930.129
54.5	1173.938	1093.420	998.016	940.616	913.213

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**CANDELA TABULATION - (Cont.)**

55.0	1151.384	1073.008	979.071	922.799	896.298
55.5	1129.957	1052.823	960.689	904.755	879.044
56.0	1108.418	1032.749	942.759	887.389	862.692
56.5	1087.330	1012.902	924.490	871.037	846.453
57.0	1066.129	992.829	906.447	854.911	830.891
57.5	1045.380	973.207	888.967	837.883	814.765
58.0	1024.743	953.923	871.150	820.516	798.187
58.5	1004.782	934.639	852.994	803.488	782.061
59.0	984.371	915.920	834.951	787.023	766.950
59.5	964.298	897.200	817.358	770.897	751.388
60.0	944.112	878.705	800.443	755.222	735.374
60.5	924.490	860.211	783.753	739.434	719.699
61.0	904.981	841.604	766.837	723.308	704.588
61.5	885.359	822.997	749.245	707.069	689.026
62.0	865.737	804.954	732.104	691.056	673.464
62.5	846.228	787.136	715.865	675.606	658.352
63.0	826.606	768.980	700.303	660.495	643.580
63.5	806.871	750.937	684.741	646.286	628.807
64.0	787.249	732.781	668.727	632.077	614.034
64.5	767.627	714.738	652.150	616.740	599.599
65.0	747.892	696.920	635.911	600.727	585.390
65.5	728.270	678.989	620.574	586.292	571.407
66.0	708.761	661.059	605.576	573.324	557.987
66.5	689.139	643.241	590.352	560.017	544.342
67.0	669.629	625.649	574.451	545.582	530.358
67.5	650.233	608.170	558.438	530.020	516.149
68.0	630.836	590.465	542.425	514.007	501.602
68.5	611.666	572.873	526.524	499.121	487.167
69.0	592.720	555.280	511.413	485.250	473.184
69.5	573.775	538.139	496.527	471.492	459.087
70.0	554.942	520.998	480.739	456.381	444.202
70.5	536.448	503.744	464.613	440.142	429.429
71.0	517.841	486.491	448.713	424.580	414.882
71.5	499.572	469.462	433.150	410.596	400.785
72.0	481.416	452.998	418.265	397.628	387.140
72.5	463.486	436.759	403.943	384.208	374.059
73.0	445.893	420.633	389.395	369.886	360.752
73.5	428.414	404.394	374.397	355.564	346.994
74.0	411.273	388.381	359.399	341.806	333.913
74.5	394.357	372.706	345.190	328.838	321.621
75.0	377.780	357.482	331.544	316.095	308.990
75.5	361.428	342.370	318.125	303.239	296.022
76.0	345.302	327.372	304.367	290.496	283.730
76.5	329.402	312.261	290.722	277.415	271.663
77.0	313.614	297.488	276.964	264.559	259.146
77.5	298.164	282.940	263.882	251.929	246.403
78.0	282.715	268.506	251.139	239.637	234.336
78.5	267.491	254.297	238.396	227.457	222.834
79.0	252.718	240.426	225.653	215.504	211.444
79.5	238.058	226.781	213.136	203.776	200.167
80.0	223.736	213.361	200.956	192.048	188.777
80.5	209.527	200.167	188.890	180.432	177.162
81.0	195.769	187.199	176.711	169.043	165.772
81.5	182.349	174.568	164.983	157.991	154.946
82.0	169.155	162.389	153.819	147.391	144.571
82.5	156.299	150.435	142.767	137.129	134.535

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**CANDELA TABULATION - (Cont.)**

83.0	143.669	138.595	131.941	126.754	124.724
83.5	131.265	126.866	121.002	116.492	114.913
84.0	119.198	115.589	110.064	106.342	104.876
84.5	107.470	104.538	99.463	96.419	95.178
85.0	95.967	93.712	89.540	86.833	86.269
85.5	84.690	82.999	79.841	77.811	77.924
86.0	73.752	72.398	70.369	69.466	69.466
86.5	63.151	62.249	60.896	60.670	60.896
87.0	52.776	52.438	51.649	51.649	51.987
87.5	42.853	42.514	42.627	43.191	43.417
88.0	33.267	33.493	34.508	35.297	35.635
88.5	24.358	25.148	27.065	27.290	27.516
89.0	16.464	17.705	18.833	17.028	16.916
89.5	11.390	11.728	8.796	8.345	9.247
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 : LRX2-8-L8-827-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 : LRX2-8-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 : LRX2-8-L8-827-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	973.87	N.A.	15.70
0-30	1993.8	N.A.	32.10
0-40	3129.31	N.A.	50.40
0-60	5102.26	N.A.	82.20
0-80	6105.42	N.A.	98.30
0-90	6208.17	N.A.	100.00
10-90	5950.13	N.A.	95.80
20-40	2155.43	N.A.	34.70
20-50	3232.95	N.A.	52.10
40-70	2617.6	N.A.	42.20
60-80	1003.15	N.A.	16.20
70-80	358.51	N.A.	5.80
80-90	102.75	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	6208.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	258.04
10-20	715.83
20-30	1019.92
30-40	1135.51
40-50	1077.52
50-60	895.44
60-70	644.64
70-80	358.51
80-90	102.75
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 : LRX2-8-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 : LRX2-8-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

X=2H	Y=2H	21.4	23.0	21.8	23.3	23.6	20.3	21.8	20.6	22.1	22.4
	3H	23.1	24.5	23.5	24.9	25.2	21.9	23.3	22.3	23.7	24.0
	4H	23.7	25.1	24.1	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	24.3	25.5	24.8	25.9	26.3	23.1	24.3	23.6	24.7	25.1
	12H	24.4	25.6	24.9	25.9	26.4	23.2	24.4	23.7	24.8	25.2

UGR Viewed Endwise

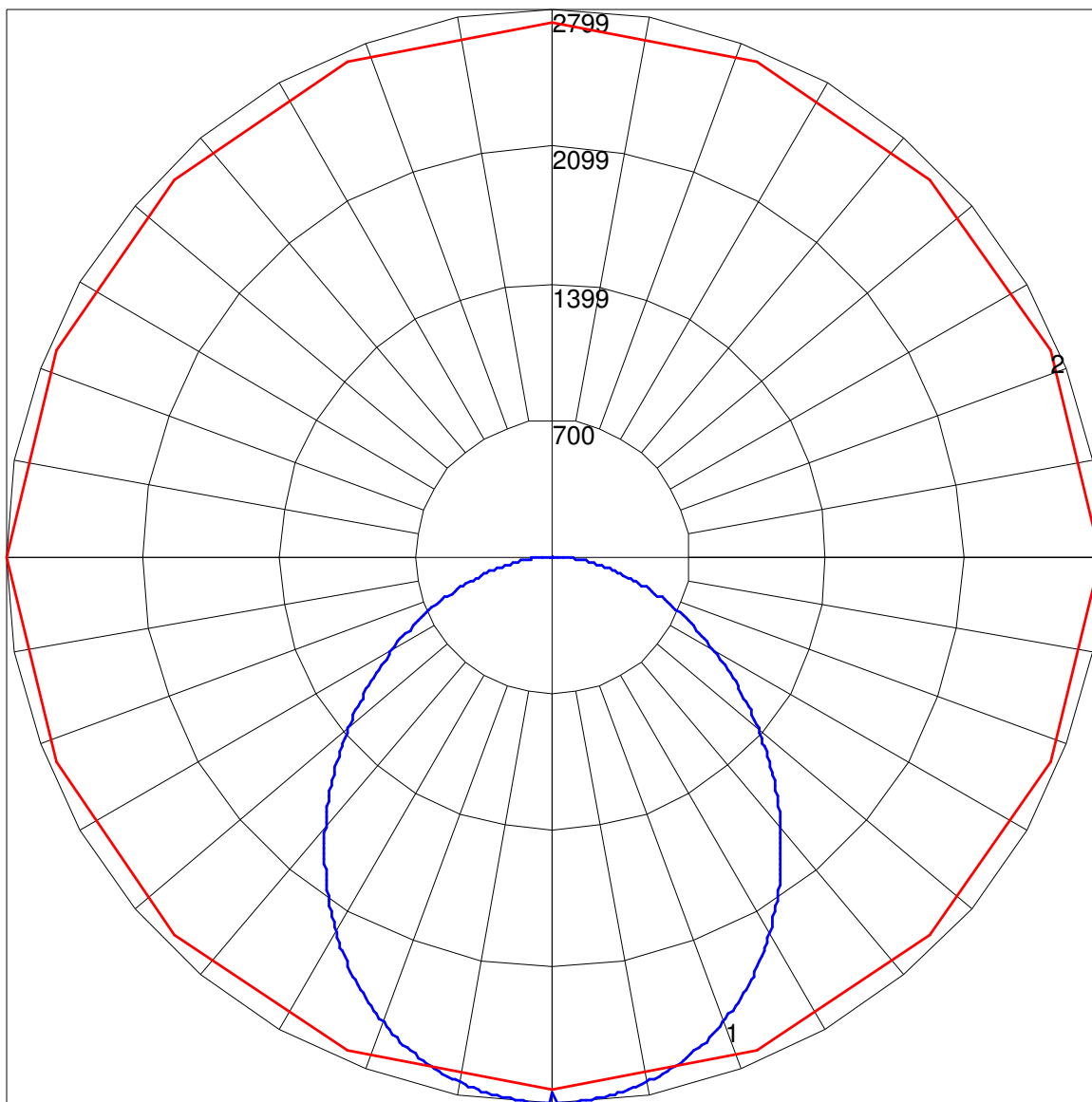
4H	2H	21.9	23.2	22.3	23.5	23.9	20.9	22.2	21.3	22.6	23.0
	3H	23.8	24.9	24.2	25.3	25.7	22.8	23.9	23.2	24.3	24.7
	4H	24.6	25.6	25.0	26.0	26.4	23.5	24.5	24.0	25.0	25.4
	6H	25.1	26.0	25.6	26.5	26.9	24.1	25.0	24.6	25.4	25.9
	8H	25.3	26.1	25.8	26.6	27.1	24.3	25.1	24.8	25.6	26.0
	12H	25.5	26.2	26.0	26.7	27.1	24.5	25.2	25.0	25.7	26.1

8H	4H	24.8	25.6	25.2	26.0	26.5	23.9	24.7	24.3	25.1	25.6
	6H	25.5	26.1	26.0	26.6	27.1	24.6	25.2	25.1	25.7	26.2
	8H	25.7	26.3	26.2	26.8	27.3	24.8	25.4	25.3	26.0	26.4
	12H	26.0	26.5	26.5	27.0	27.5	25.1	25.6	25.6	26.1	26.7

12H	4H	24.8	25.5	25.3	26.0	26.5	23.9	24.6	24.4	25.1	25.6
	6H	25.5	26.1	26.0	26.6	27.1	24.6	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 = 27.5

POLAR GRAPH



Maximum Candela = 2798.956 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.)