



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM 13638856.04

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 01/07/2025

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV

[LUMINAIRE] 5 INCH WIDE, RECESSED LINEAR LED LUMINAIRE

[LAMP] LED

[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT

[\_SEARCH\_SOURCETYPE] LED

[\_SEARCH\_APPLICATION] Indoor, Architectural, Classroom, Commercial, Office, Direct, Linear

[\_SEARCH\_MOUNTING] Recessed

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5371
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	43.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	6.00 ft
Luminous Width (90-270)	0.44 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8047	7054	6453
55	6990	5975	5413
65	5895	5023	4560
75	4696	4088	3781
85	3402	3137	3051

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	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	2350.771	2350.771	2350.771	2350.771	2350.771
<b>0.5</b>	2380.757	2351.469	2341.008	2348.679	2343.798
<b>1.0</b>	2380.757	2350.771	2340.311	2348.679	2343.100
<b>1.5</b>	2379.363	2350.074	2340.311	2347.982	2342.403
<b>2.0</b>	2378.665	2349.376	2338.916	2347.284	2341.706
<b>2.5</b>	2377.271	2347.982	2337.521	2345.890	2340.311
<b>3.0</b>	2375.876	2346.587	2336.127	2344.495	2338.219
<b>3.5</b>	2374.481	2345.192	2334.732	2343.100	2336.824
<b>4.0</b>	2373.086	2343.100	2332.640	2341.008	2334.035
<b>4.5</b>	2370.994	2341.008	2330.548	2338.219	2331.245
<b>5.0</b>	2368.902	2338.219	2327.759	2335.429	2327.759
<b>5.5</b>	2366.113	2336.127	2324.969	2331.943	2324.272
<b>6.0</b>	2363.323	2333.337	2321.482	2328.456	2320.088
<b>6.5</b>	2361.231	2329.851	2317.996	2324.272	2315.904
<b>7.0</b>	2357.745	2326.364	2314.509	2320.088	2311.719
<b>7.5</b>	2354.258	2322.877	2310.325	2315.206	2306.838
<b>8.0</b>	2350.771	2319.390	2306.141	2310.325	2301.957
<b>8.5</b>	2347.284	2315.206	2301.259	2304.746	2296.378
<b>9.0</b>	2343.100	2311.022	2296.378	2298.470	2290.102
<b>9.5</b>	2338.916	2306.838	2290.799	2292.194	2283.825
<b>10.0</b>	2334.732	2301.957	2285.220	2285.917	2276.852
<b>10.5</b>	2329.851	2297.075	2278.944	2278.944	2269.181
<b>11.0</b>	2324.969	2291.496	2272.668	2271.273	2261.510
<b>11.5</b>	2320.088	2285.917	2266.392	2263.602	2253.142
<b>12.0</b>	2314.509	2280.339	2258.721	2255.931	2244.076
<b>12.5</b>	2308.930	2274.063	2251.747	2246.866	2235.708
<b>13.0</b>	2302.654	2267.786	2244.076	2238.498	2225.945
<b>13.5</b>	2296.378	2260.813	2236.406	2229.432	2216.880
<b>14.0</b>	2290.102	2253.839	2228.735	2219.669	2207.117
<b>14.5</b>	2283.128	2246.866	2220.366	2209.906	2196.657
<b>15.0</b>	2276.155	2239.195	2211.301	2200.143	2186.196
<b>15.5</b>	2269.181	2231.524	2202.235	2189.683	2175.736
<b>16.0</b>	2261.510	2223.156	2192.472	2178.525	2164.578
<b>16.5</b>	2253.142	2214.788	2182.709	2167.368	2152.723
<b>17.0</b>	2244.774	2206.419	2172.249	2156.210	2140.171
<b>17.5</b>	2236.406	2197.354	2161.789	2144.355	2127.619
<b>18.0</b>	2228.037	2188.288	2151.329	2131.803	2114.369
<b>18.5</b>	2218.972	2178.525	2140.171	2118.553	2101.119
<b>19.0</b>	2209.906	2168.762	2128.316	2105.304	2087.172
<b>19.5</b>	2200.841	2159.000	2116.461	2091.356	2072.528
<b>20.0</b>	2191.078	2148.539	2104.606	2076.712	2057.186
<b>20.5</b>	2181.315	2138.079	2092.054	2062.068	2041.845
<b>21.0</b>	2170.855	2127.619	2079.502	2046.726	2025.805
<b>21.5</b>	2160.394	2116.461	2066.949	2030.687	2009.766
<b>22.0</b>	2149.237	2105.304	2053.002	2014.648	1993.727
<b>22.5</b>	2138.776	2093.449	2039.752	1998.609	1977.688
<b>23.0</b>	2126.921	2081.594	2025.805	1982.570	1960.952
<b>23.5</b>	2115.764	2069.041	2011.161	1965.833	1943.518
<b>24.0</b>	2103.909	2056.489	1996.517	1949.097	1926.782
<b>24.5</b>	2092.054	2043.239	1981.872	1932.360	1909.348
<b>25.0</b>	2078.804	2029.990	1966.531	1915.624	1891.914
<b>25.5</b>	2066.252	2016.740	1951.189	1898.888	1873.783
<b>26.0</b>	2053.700	2002.793	1935.150	1882.151	1855.652
<b>26.5</b>	2040.450	1988.846	1919.111	1864.717	1838.218

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27.0	2026.503	1974.899	1903.072	1847.284	1820.784
27.5	2012.556	1960.254	1887.033	1829.850	1802.653
28.0	1998.609	1944.913	1870.296	1812.416	1784.522
28.5	1983.964	1929.571	1853.560	1794.285	1766.391
29.0	1969.320	1914.229	1836.823	1776.154	1748.260
29.5	1954.676	1898.888	1819.389	1758.023	1730.129
30.0	1939.334	1882.848	1801.956	1739.194	1711.300
30.5	1923.992	1866.809	1784.522	1720.366	1693.169
31.0	1908.650	1850.770	1767.088	1701.537	1673.643
31.5	1892.611	1834.731	1748.957	1682.709	1654.815
32.0	1876.572	1817.995	1730.826	1663.183	1635.289
32.5	1860.533	1801.258	1712.695	1643.657	1615.763
33.0	1843.797	1783.825	1693.866	1624.131	1595.540
33.5	1827.758	1766.391	1675.038	1603.908	1575.317
34.0	1810.324	1748.957	1656.209	1584.382	1555.093
34.5	1793.587	1730.826	1637.381	1564.159	1534.870
35.0	1776.154	1713.392	1617.855	1544.633	1514.647
35.5	1758.720	1694.564	1598.329	1524.410	1494.424
36.0	1740.589	1676.432	1578.803	1504.187	1474.201
36.5	1722.458	1657.604	1559.277	1483.964	1453.977
37.0	1704.327	1638.078	1539.054	1463.740	1433.754
37.5	1685.498	1619.250	1519.528	1443.517	1413.531
38.0	1667.367	1600.421	1499.305	1423.294	1393.308
38.5	1647.841	1580.895	1479.082	1402.373	1373.085
39.0	1629.013	1561.370	1459.556	1382.848	1352.861
39.5	1609.487	1541.146	1439.333	1362.624	1333.336
40.0	1589.961	1521.620	1419.110	1342.401	1313.112
40.5	1570.435	1502.095	1398.887	1322.178	1292.889
41.0	1550.909	1481.871	1379.361	1301.955	1273.363
41.5	1531.383	1462.346	1359.138	1281.732	1253.140
42.0	1511.160	1442.122	1339.612	1261.508	1232.917
42.5	1490.937	1422.597	1319.389	1241.285	1213.391
43.0	1471.411	1402.373	1299.165	1221.759	1193.168
43.5	1451.188	1382.150	1278.942	1201.536	1173.642
44.0	1430.965	1362.624	1258.719	1182.010	1153.419
44.5	1410.742	1342.401	1238.496	1162.485	1133.893
45.0	1390.518	1322.178	1218.970	1142.959	1115.065
45.5	1370.295	1301.955	1198.747	1124.130	1095.539
46.0	1349.375	1281.034	1178.524	1104.604	1076.710
46.5	1329.152	1260.811	1158.998	1085.079	1057.882
47.0	1308.928	1239.891	1139.472	1066.250	1039.053
47.5	1287.310	1219.667	1119.249	1047.422	1020.225
48.0	1266.390	1199.444	1099.723	1028.593	1002.094
48.5	1245.469	1179.221	1080.894	1009.765	983.963
49.0	1224.549	1158.300	1061.369	990.936	965.832
49.5	1203.628	1138.077	1041.843	972.805	947.700
50.0	1183.405	1117.854	1022.317	953.977	929.569
50.5	1162.485	1097.631	1003.488	935.845	911.438
51.0	1142.261	1077.408	983.963	917.714	894.004
51.5	1121.341	1057.185	965.134	899.583	876.571
52.0	1101.118	1037.659	946.306	882.149	859.137
52.5	1080.197	1018.133	927.477	864.018	841.703
53.0	1059.974	997.910	909.346	846.584	824.967
53.5	1039.751	978.384	891.215	829.848	808.230
54.0	1019.528	959.555	873.084	812.414	791.494
54.5	999.304	940.030	854.953	795.678	774.757

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55.0	979.779	921.201	837.519	779.639	758.718
55.5	960.253	903.070	819.388	762.902	741.982
56.0	940.030	883.544	801.954	746.863	726.640
56.5	920.504	865.413	785.218	730.824	710.601
57.0	901.675	846.584	767.784	714.785	694.980
57.5	882.149	828.453	751.047	699.443	680.127
58.0	863.321	810.322	734.311	683.962	665.273
58.5	843.795	792.191	717.574	668.690	650.489
59.0	824.967	774.757	701.535	653.558	635.775
59.5	806.835	757.323	685.148	638.425	621.061
60.0	788.007	739.890	668.969	623.362	606.696
60.5	769.876	722.456	653.139	608.788	592.470
61.0	751.745	705.022	637.588	594.074	578.523
61.5	733.614	687.937	622.177	579.708	564.576
62.0	715.482	670.991	606.765	565.273	550.698
62.5	697.351	654.185	591.633	551.117	536.821
63.0	679.569	637.658	576.640	537.030	523.223
63.5	661.717	620.991	561.856	523.223	509.624
64.0	643.934	604.604	547.421	509.764	496.514
64.5	626.431	588.564	532.986	496.444	483.613
65.0	608.857	572.386	518.760	483.334	470.921
65.5	591.633	556.277	504.534	470.363	458.299
66.0	574.548	540.447	490.377	457.602	445.817
66.5	557.393	524.617	476.361	444.910	433.474
67.0	540.656	509.136	462.483	432.358	421.340
67.5	524.059	493.585	448.815	419.945	409.485
68.0	507.253	478.383	435.217	407.462	397.420
68.5	490.796	463.111	421.688	394.980	385.356
69.0	474.617	448.048	408.229	382.497	373.222
69.5	458.578	433.125	394.492	370.015	361.158
70.0	442.958	418.271	381.172	357.741	349.234
70.5	427.546	403.697	368.132	345.677	337.448
71.0	412.274	389.261	355.231	333.752	325.872
71.5	397.211	375.105	342.539	321.967	314.436
72.0	382.288	361.019	329.847	310.391	303.208
72.5	367.434	347.281	317.365	298.885	292.120
73.0	352.999	333.613	305.231	287.588	281.172
73.5	338.634	320.363	293.376	276.500	270.433
74.0	324.478	307.323	281.660	265.621	259.903
74.5	310.670	294.491	270.084	254.882	249.443
75.0	297.002	281.800	258.578	244.282	239.122
75.5	283.543	269.247	247.211	233.822	228.871
76.0	270.293	256.904	236.053	223.501	218.899
76.5	257.253	244.770	225.105	213.389	208.996
77.0	244.422	232.915	214.366	203.417	199.373
77.5	231.800	221.270	203.766	193.724	189.819
78.0	219.456	209.694	193.376	184.101	180.265
78.5	207.253	198.327	183.055	174.477	170.921
79.0	195.328	187.099	172.943	164.993	161.716
79.5	183.682	176.011	162.901	155.719	152.650
80.0	172.385	165.342	153.138	146.723	143.933
80.5	161.437	154.812	143.724	137.866	135.356
81.0	150.767	144.561	134.449	129.149	126.848
81.5	140.237	134.519	125.314	120.642	118.619
82.0	129.917	124.617	116.388	112.204	110.391
82.5	119.665	114.993	107.601	103.975	102.371

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83.0	109.763	105.579	99.094	96.025	94.491
83.5	100.140	96.444	90.725	88.145	86.890
84.0	90.656	87.587	82.566	80.405	79.428
84.5	81.451	78.870	74.617	72.803	72.176
85.0	72.455	70.363	66.806	65.342	64.993
85.5	63.668	61.995	59.066	58.020	58.020
86.0	55.160	53.905	51.534	50.976	51.255
86.5	46.932	46.165	44.352	44.142	44.700
87.0	39.052	38.703	37.378	37.517	38.354
87.5	31.381	31.520	30.544	31.172	32.218
88.0	24.059	24.547	24.059	25.035	25.941
88.5	17.294	17.922	17.573	17.922	17.992
89.0	11.576	11.994	11.925	12.343	13.250
89.5	7.880	7.322	7.671	9.135	10.181
90.0	4.672	3.766	4.254	5.509	6.206
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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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 : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.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 : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.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 : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	846.87	N.A.	15.80
0-30	1754.7	N.A.	32.70
0-40	2772.31	N.A.	51.60
0-60	4487.45	N.A.	83.60
0-80	5293.06	N.A.	98.60
0-90	5370.77	N.A.	100.00
10-90	5149.00	N.A.	95.90
20-40	1925.44	N.A.	35.80
20-50	2877.15	N.A.	53.60
40-70	2240.16	N.A.	41.70
60-80	805.60	N.A.	15.00
70-80	280.58	N.A.	5.20
80-90	77.71	N.A.	1.40
90-110	0.13	N.A.	0.00
90-120	0.13	N.A.	0.00
90-130	0.13	N.A.	0.00
90-150	0.13	N.A.	0.00
90-180	0.13	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5370.9	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	221.77
10-20	625.10
20-30	907.83
30-40	1017.62
40-50	951.71
50-60	763.44
60-70	525.02
70-80	280.58
80-90	77.71
90-100	0.13
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 : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.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	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	75	68	90	81	74	68	78	72	67	75	70	65	73	68	64	62
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	73	60	51	45	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37
8	63	50	42	36	61	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	45	38	33	44	37	33	43	37	32	42	36	32	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	29	28

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.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	18.5	20.0	18.8	20.3	20.6	17.2	18.7	17.5	19.0	19.3
	3H	20.0	21.4	20.4	21.8	22.1	18.7	20.1	19.1	20.4	20.8
	4H	20.6	21.9	21.0	22.2	22.6	19.2	20.6	19.6	20.9	21.3
	6H	21.0	22.2	21.4	22.6	22.9	19.6	20.9	20.1	21.2	21.6
	8H	21.1	22.3	21.5	22.6	23.0	19.8	20.9	20.2	21.3	21.7
	12H	21.2	22.3	21.6	22.7	23.1	19.9	21.0	20.3	21.4	21.8

### UGR Viewed Endwise

4H	2H	18.9	20.2	19.2	20.5	20.9	17.8	19.1	18.2	19.5	19.8
	3H	20.6	21.7	21.1	22.1	22.5	19.5	20.6	20.0	21.0	21.4
	4H	21.3	22.3	21.7	22.7	23.2	20.2	21.2	20.6	21.6	22.0
	6H	21.8	22.7	22.3	23.2	23.6	20.7	21.6	21.2	22.0	22.5
	8H	22.0	22.8	22.5	23.3	23.7	20.9	21.7	21.4	22.1	22.6
	12H	22.1	22.9	22.6	23.3	23.8	21.0	21.8	21.5	22.2	22.7

8H	4H	21.5	22.3	22.0	22.8	23.2	20.5	21.3	21.0	21.8	22.2
	6H	22.2	22.8	22.6	23.3	23.8	21.2	21.8	21.6	22.3	22.8
	8H	22.4	23.0	22.9	23.5	24.0	21.4	22.0	21.9	22.5	23.0
	12H	22.6	23.1	23.1	23.6	24.1	21.6	22.1	22.1	22.6	23.2

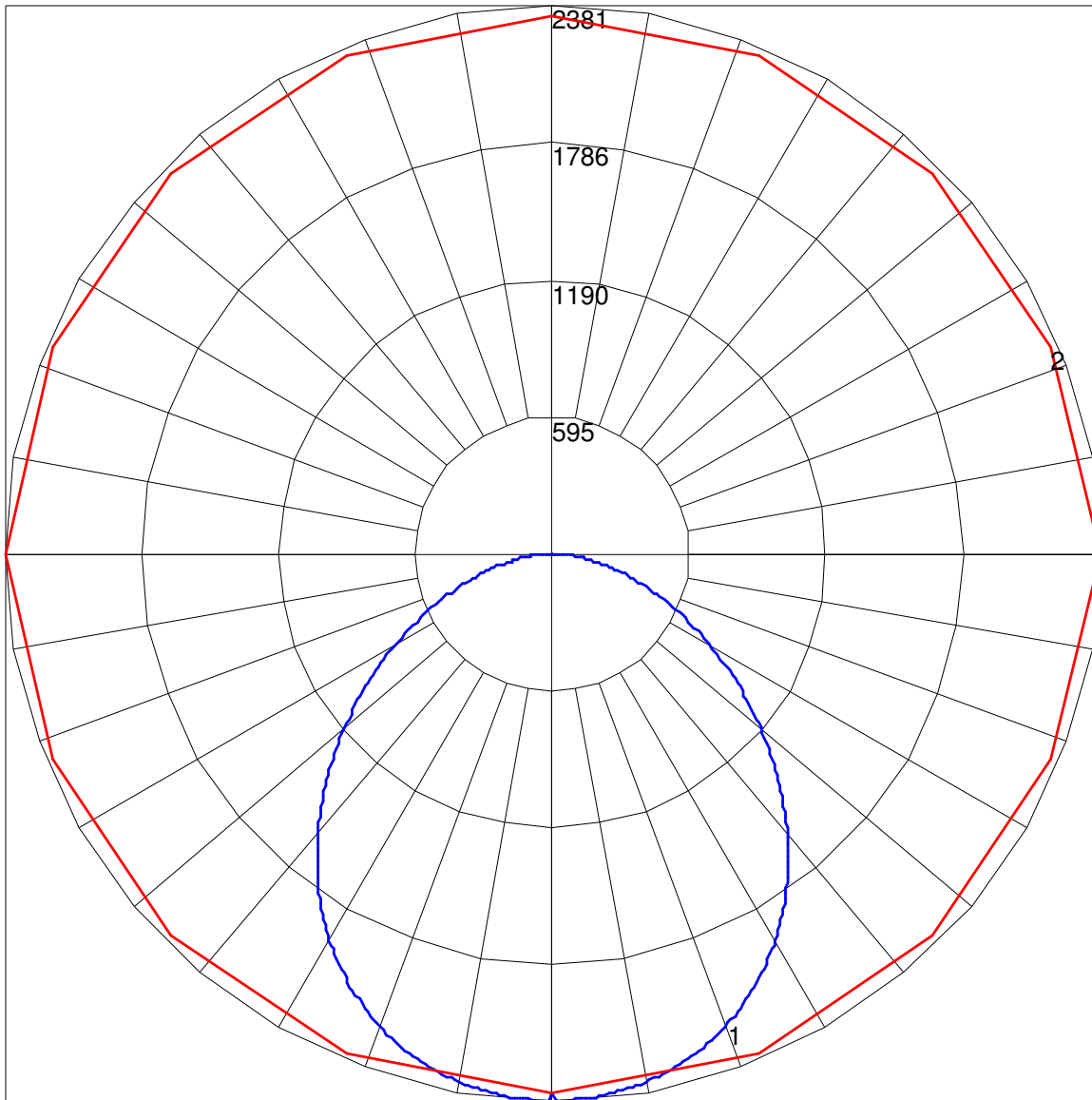
12H	4H	21.5	22.2	22.0	22.7	23.2	20.5	21.3	21.0	21.7	22.2
	6H	22.2	22.8	22.7	23.2	23.8	21.2	21.8	21.7	22.3	22.8
	8H	22.4	23.0	23.0	23.5	24.0	21.5	22.0	22.0	22.5	23.1

Maximum UGR = 24.1

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5G-6-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV\_4000K.IES

## POLAR GRAPH



Maximum Candela = 2380.757 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.)