



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5G-8-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-8-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV
[LUMINAIRE] 5 INCH WIDE, LINEAR RECESSED LED LUMINAIRE
[LAMP] TUNABLE WHITE 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	7238
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	61.1
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)	8.00 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	8133	7130	6522
55	7065	6039	5471
65	5958	5077	4609
75	4746	4132	3821
85	3438	3170	3084

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	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3167.917	3167.917	3167.917	3167.917	3167.917
0.5	3208.327	3168.857	3154.761	3165.098	3158.520
1.0	3208.327	3167.917	3153.821	3165.098	3157.580
1.5	3206.447	3166.977	3153.821	3164.158	3156.640
2.0	3205.507	3166.038	3151.941	3163.218	3155.700
2.5	3203.628	3164.158	3150.062	3161.339	3153.821
3.0	3201.748	3162.279	3148.182	3159.459	3151.002
3.5	3199.869	3160.399	3146.303	3157.580	3149.122
4.0	3197.989	3157.580	3143.484	3154.761	3145.363
4.5	3195.170	3154.761	3140.664	3151.002	3141.604
5.0	3192.351	3151.002	3136.905	3147.243	3136.905
5.5	3188.592	3148.182	3133.146	3142.544	3132.206
6.0	3184.833	3144.423	3128.447	3137.845	3126.568
6.5	3182.014	3139.725	3123.749	3132.206	3120.929
7.0	3177.315	3135.026	3119.050	3126.568	3115.291
7.5	3172.616	3130.327	3113.411	3119.990	3108.713
8.0	3167.917	3125.628	3107.773	3113.411	3102.134
8.5	3163.218	3119.990	3101.195	3105.893	3094.616
9.0	3157.580	3114.351	3094.616	3097.436	3086.158
9.5	3151.941	3108.713	3087.098	3088.978	3077.701
10.0	3146.303	3102.134	3079.580	3080.520	3068.303
10.5	3139.725	3095.556	3071.122	3071.122	3057.966
11.0	3133.146	3088.038	3062.665	3060.785	3047.628
11.5	3126.568	3080.520	3054.207	3050.448	3036.351
12.0	3119.050	3073.002	3043.869	3040.110	3024.135
12.5	3111.532	3064.544	3034.472	3027.894	3012.857
13.0	3103.074	3056.086	3024.135	3016.616	2999.701
13.5	3094.616	3046.689	3013.797	3004.400	2987.484
14.0	3086.158	3037.291	3003.460	2991.243	2974.327
14.5	3076.761	3027.894	2992.183	2978.086	2960.231
15.0	3067.363	3017.556	2979.966	2964.930	2946.135
15.5	3057.966	3007.219	2967.749	2950.834	2932.038
16.0	3047.628	2995.942	2954.593	2935.797	2917.002
16.5	3036.351	2984.665	2941.436	2920.761	2901.027
17.0	3025.074	2973.388	2927.340	2905.725	2884.111
17.5	3013.797	2961.171	2913.243	2889.749	2867.195
18.0	3002.520	2948.954	2899.147	2872.834	2849.340
18.5	2990.303	2935.797	2884.111	2854.978	2831.485
19.0	2978.086	2922.641	2868.135	2837.123	2812.689
19.5	2965.870	2909.484	2852.159	2818.328	2792.955
20.0	2952.713	2895.388	2836.183	2798.593	2772.280
20.5	2939.557	2881.292	2819.268	2778.858	2751.605
21.0	2925.460	2867.195	2802.352	2758.184	2729.991
21.5	2911.364	2852.159	2785.437	2736.569	2708.377
22.0	2896.328	2837.123	2766.641	2714.955	2686.762
22.5	2882.231	2821.147	2748.786	2693.340	2665.148
23.0	2866.256	2805.171	2729.991	2671.726	2642.594
23.5	2851.219	2788.256	2710.256	2649.172	2619.100
24.0	2835.244	2771.340	2690.521	2626.618	2596.546
24.5	2819.268	2753.485	2670.786	2604.064	2573.052
25.0	2801.412	2735.629	2650.112	2581.510	2549.558
25.5	2784.497	2717.774	2629.437	2558.955	2525.124
26.0	2767.581	2698.979	2607.823	2536.401	2500.690
26.5	2749.726	2680.184	2586.208	2512.907	2477.197

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27.0	2730.931	2661.389	2564.594	2489.413	2453.703
27.5	2712.136	2641.654	2542.980	2465.920	2429.269
28.0	2693.340	2620.979	2520.425	2442.426	2404.835
28.5	2673.606	2600.305	2497.871	2417.992	2380.402
29.0	2653.871	2579.630	2475.317	2393.558	2355.968
29.5	2634.136	2558.955	2451.823	2369.125	2331.534
30.0	2613.461	2537.341	2428.329	2343.751	2306.161
30.5	2592.787	2515.727	2404.835	2318.378	2281.727
31.0	2572.112	2494.112	2381.341	2293.004	2255.414
31.5	2550.498	2472.498	2356.908	2267.631	2230.041
32.0	2528.883	2449.944	2332.474	2241.318	2203.728
32.5	2507.269	2427.390	2308.041	2215.005	2177.414
33.0	2484.715	2403.896	2282.667	2188.692	2150.162
33.5	2463.100	2380.402	2257.294	2161.439	2122.909
34.0	2439.606	2356.908	2231.920	2135.125	2095.656
34.5	2417.052	2332.474	2206.547	2107.873	2068.403
35.0	2393.558	2308.980	2180.234	2081.559	2041.150
35.5	2370.064	2283.607	2153.921	2054.306	2013.897
36.0	2345.631	2259.173	2127.607	2027.054	1986.644
36.5	2321.197	2233.800	2101.294	1999.801	1959.391
37.0	2296.763	2207.487	2074.041	1972.548	1932.138
37.5	2271.390	2182.113	2047.728	1945.295	1904.885
38.0	2246.956	2156.740	2020.475	1918.042	1877.632
38.5	2220.643	2130.427	1993.222	1889.849	1850.379
39.0	2195.270	2104.113	1966.909	1863.536	1823.126
39.5	2168.957	2076.861	1939.656	1836.283	1796.813
40.0	2142.643	2050.547	1912.403	1809.030	1769.560
40.5	2116.330	2024.234	1885.150	1781.777	1742.307
41.0	2090.017	1996.981	1858.837	1754.524	1715.994
41.5	2063.704	1970.668	1831.584	1727.271	1688.741
42.0	2036.451	1943.415	1805.271	1700.018	1661.488
42.5	2009.198	1917.102	1778.018	1672.766	1635.175
43.0	1982.885	1889.849	1750.765	1646.452	1607.922
43.5	1955.632	1862.596	1723.512	1619.199	1581.609
44.0	1928.379	1836.283	1696.259	1592.886	1554.356
44.5	1901.126	1809.030	1669.007	1566.573	1528.043
45.0	1873.873	1781.777	1642.693	1540.260	1502.670
45.5	1846.620	1754.524	1615.440	1514.887	1476.357
46.0	1818.428	1726.332	1588.187	1488.573	1450.983
46.5	1791.175	1699.079	1561.874	1462.260	1425.610
47.0	1763.922	1670.886	1535.561	1436.887	1400.236
47.5	1734.789	1643.633	1508.308	1411.513	1374.863
48.0	1706.597	1616.380	1481.995	1386.140	1350.429
48.5	1678.404	1589.127	1456.622	1360.767	1325.996
49.0	1650.211	1560.935	1430.309	1335.393	1301.562
49.5	1622.019	1533.682	1403.995	1310.960	1277.128
50.0	1594.766	1506.429	1377.682	1285.586	1252.695
50.5	1566.573	1479.176	1352.309	1261.152	1228.261
51.0	1539.320	1451.923	1325.996	1236.719	1204.767
51.5	1511.128	1424.670	1300.622	1212.285	1181.273
52.0	1483.875	1398.357	1275.249	1188.791	1157.779
52.5	1455.682	1372.044	1249.875	1164.358	1134.285
53.0	1428.429	1344.791	1225.442	1140.864	1111.731
53.5	1401.176	1318.478	1201.008	1118.310	1089.177
54.0	1373.923	1293.104	1176.574	1094.816	1066.623
54.5	1346.670	1266.791	1152.141	1072.262	1044.069

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55.0	1320.357	1241.418	1128.647	1050.647	1022.454
55.5	1294.044	1216.984	1104.213	1028.093	999.900
56.0	1266.791	1190.671	1080.719	1006.479	979.226
56.5	1240.478	1166.237	1058.165	984.864	957.611
57.0	1215.104	1140.864	1034.671	963.250	936.561
57.5	1188.791	1116.430	1012.117	942.575	916.544
58.0	1163.418	1091.996	989.563	921.713	896.527
58.5	1137.105	1067.563	967.009	901.132	876.604
59.0	1111.731	1044.069	945.394	880.739	856.775
59.5	1087.298	1020.575	923.310	860.347	836.947
60.0	1061.924	997.081	901.508	840.048	817.588
60.5	1037.491	973.587	880.175	820.407	798.417
61.0	1013.057	950.093	859.219	800.578	779.622
61.5	988.623	927.069	838.450	781.219	760.826
62.0	964.190	904.233	817.682	761.766	742.125
62.5	939.756	881.585	797.289	742.689	723.424
63.0	915.792	859.313	777.084	723.706	705.099
63.5	891.734	836.853	757.161	705.099	686.774
64.0	867.771	814.768	737.708	686.962	669.106
64.5	844.183	793.154	718.255	669.012	651.721
65.0	820.501	771.352	699.084	651.345	634.617
65.5	797.289	749.643	679.913	633.865	617.608
66.0	774.265	728.311	660.836	616.668	600.786
66.5	751.147	706.978	641.947	599.564	584.152
67.0	728.593	686.116	623.246	582.649	567.801
67.5	706.227	665.159	604.827	565.921	551.825
68.0	683.578	644.673	586.502	549.099	535.567
68.5	661.400	624.092	568.270	532.278	519.309
69.0	639.598	603.793	550.133	515.456	502.957
69.5	617.983	583.682	531.620	498.634	486.700
70.0	596.933	563.666	513.671	482.095	470.630
70.5	576.164	544.025	496.097	465.837	454.748
71.0	555.584	524.572	478.712	449.767	439.148
71.5	535.285	505.495	461.608	433.885	423.736
72.0	515.174	486.512	444.505	418.285	408.606
72.5	495.157	467.998	427.683	402.779	393.664
73.0	475.704	449.579	411.331	387.555	378.910
73.5	456.345	431.724	395.355	372.613	364.437
74.0	437.268	414.150	379.567	357.953	350.247
74.5	418.661	396.859	363.967	343.481	336.151
75.0	400.242	379.755	348.461	329.196	322.242
75.5	382.105	362.840	333.143	315.100	308.428
76.0	364.249	346.206	318.107	301.192	294.989
76.5	346.676	329.854	303.353	287.565	281.645
77.0	329.384	313.878	288.881	274.127	268.676
77.5	312.375	298.185	274.597	261.064	255.802
78.0	295.741	282.585	260.594	248.096	242.927
78.5	279.295	267.267	246.686	235.127	230.334
79.0	263.226	252.137	233.059	222.346	217.929
79.5	247.532	237.194	219.527	209.847	205.713
80.0	232.308	222.816	206.370	197.725	193.966
80.5	217.553	208.626	193.684	185.790	182.407
81.0	203.175	194.811	181.185	174.043	170.942
81.5	188.985	181.279	168.874	162.578	159.852
82.0	175.077	167.934	156.845	151.207	148.763
82.5	161.262	154.966	145.004	140.118	137.956

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83.0	147.918	142.279	133.539	129.404	127.337
83.5	134.949	129.968	122.262	118.785	117.094
84.0	122.168	118.033	111.267	108.354	107.038
84.5	109.763	106.286	100.554	98.111	97.265
85.0	97.641	94.821	90.029	88.055	87.585
85.5	85.800	83.544	79.597	78.188	78.188
86.0	74.335	72.643	69.448	68.696	69.072
86.5	63.246	62.212	59.768	59.487	60.238
87.0	52.626	52.156	50.371	50.559	51.687
87.5	42.289	42.477	41.161	42.007	43.417
88.0	32.422	33.079	32.422	33.737	34.959
88.5	23.306	24.152	23.682	24.152	24.246
89.0	15.600	16.164	16.070	16.634	17.855
89.5	10.619	9.867	10.337	12.311	13.720
90.0	6.296	5.075	5.733	7.424	8.364
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-8-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-8-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-8-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1141.24	N.A.	15.80
0-30	2364.64	N.A.	32.70
0-40	3735.99	N.A.	51.60
0-60	6047.32	N.A.	83.60
0-80	7132.96	N.A.	98.60
0-90	7237.69	N.A.	100.00
10-90	6938.83	N.A.	95.90
20-40	2594.74	N.A.	35.80
20-50	3877.27	N.A.	53.60
40-70	3018.86	N.A.	41.70
60-80	1085.64	N.A.	15.00
70-80	378.11	N.A.	5.20
80-90	104.73	N.A.	1.40
90-110	0.18	N.A.	0.00
90-120	0.18	N.A.	0.00
90-130	0.18	N.A.	0.00
90-150	0.18	N.A.	0.00
90-180	0.18	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	7237.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	298.86
10-20	842.39
20-30	1223.4
30-40	1371.35
40-50	1282.53
50-60	1028.81
60-70	707.53
70-80	378.11
80-90	104.73
90-100	0.18
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-8-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-8-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	18.6	20.1	18.9	20.4	20.7	17.3	18.8	17.6	19.1	19.4
	3H	20.1	21.5	20.5	21.9	22.2	18.8	20.2	19.2	20.5	20.9
	4H	20.7	22.0	21.1	22.3	22.7	19.3	20.7	19.7	21.0	21.4
	6H	21.1	22.3	21.5	22.7	23.0	19.7	21.0	20.2	21.3	21.7
	8H	21.2	22.4	21.6	22.7	23.1	19.9	21.0	20.3	21.4	21.8
	12H	21.3	22.4	21.7	22.8	23.2	20.0	21.1	20.4	21.5	21.9

UGR Viewed Endwise

4H	2H	19.0	20.3	19.4	20.6	21.0	17.9	19.2	18.3	19.6	19.9
	3H	20.7	21.8	21.2	22.2	22.6	19.6	20.7	20.1	21.1	21.5
	4H	21.4	22.4	21.8	22.8	23.3	20.3	21.3	20.7	21.7	22.1
	6H	21.9	22.8	22.4	23.3	23.7	20.8	21.7	21.3	22.1	22.6
	8H	22.1	22.9	22.6	23.4	23.8	21.0	21.8	21.5	22.2	22.7
	12H	22.2	23.0	22.7	23.4	23.9	21.1	21.9	21.6	22.3	22.8

8H	4H	21.6	22.4	22.1	22.9	23.3	20.6	21.4	21.1	21.9	22.3
	6H	22.3	22.9	22.8	23.4	23.9	21.3	21.9	21.7	22.4	22.9
	8H	22.5	23.1	23.0	23.6	24.1	21.5	22.1	22.0	22.6	23.1
	12H	22.7	23.2	23.2	23.7	24.2	21.7	22.2	22.2	22.7	23.3

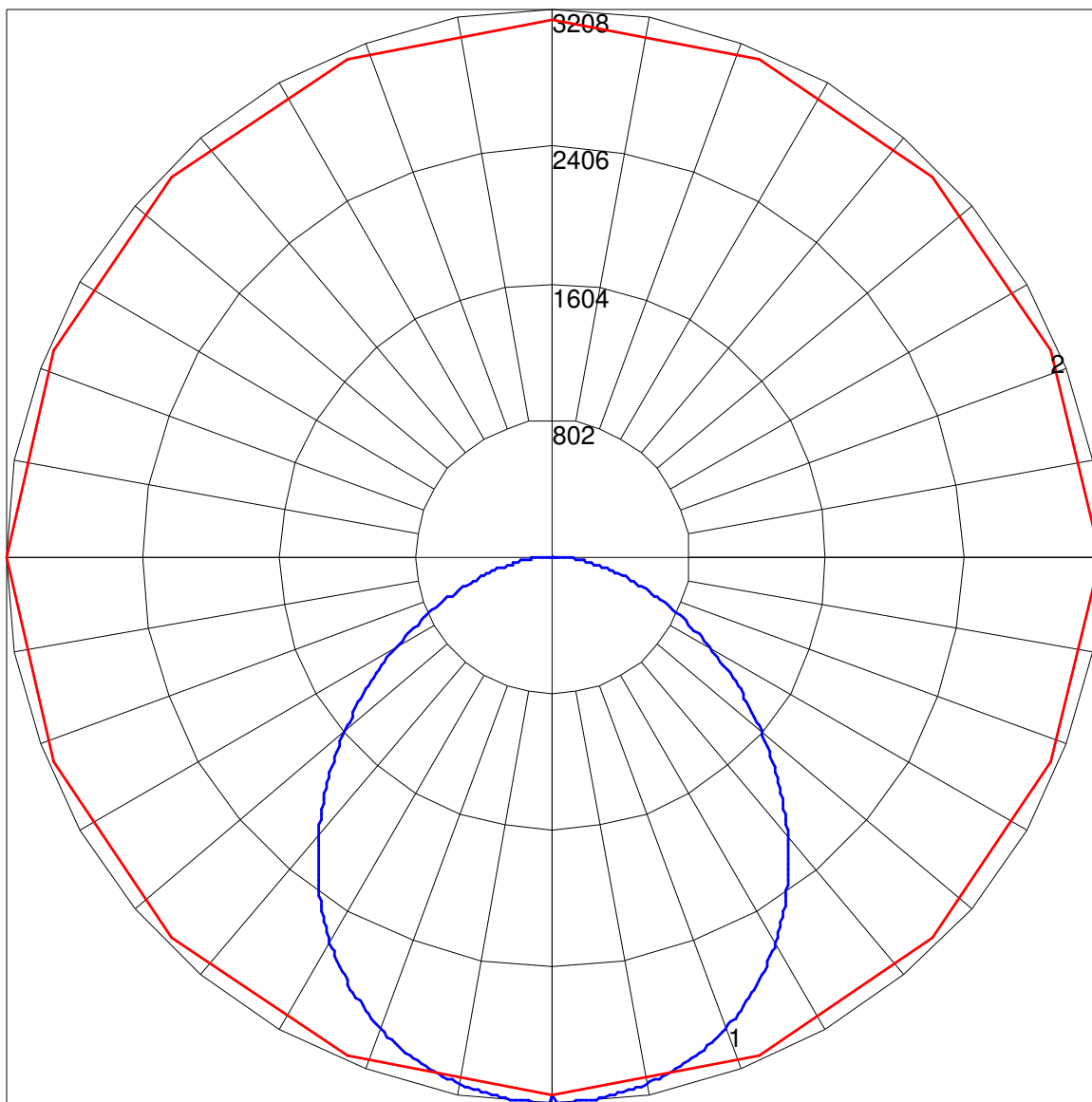
12H	4H	21.6	22.3	22.1	22.8	23.3	20.6	21.4	21.1	21.8	22.3
	6H	22.3	22.9	22.8	23.3	23.9	21.3	21.9	21.8	22.4	22.9
	8H	22.5	23.1	23.1	23.6	24.1	21.6	22.1	22.1	22.6	23.2

Maximum UGR = 24.2

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5G-8-L12-8TW-S-DMA-(L9)-AVI-LVFA-CS2-PIR-DA-UNV_4000K.IES

POLAR GRAPH



Maximum Candela = 3208.327 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.)