

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L15-827-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L15-827-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction

[MORE]) with diffused acrylic shielding

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[OTHER] The reported results were measured in a facility that meets the

[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no

[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5824
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	51.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14206	12594	11149
55	12435	10748	9129
65	10580	8840	7344
75	8495	6639	5407
85	5501	3410	2609

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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	2697.638	2697.638	2697.638	2697.638	2697.638
0.5	2710.826	2691.777	2698.371	2696.173	2694.708
1.0	2710.093	2691.044	2697.638	2695.440	2693.975
1.5	2709.361	2689.579	2696.906	2693.975	2692.510
2.0	2707.895	2688.846	2694.708	2691.044	2691.777
2.5	2707.163	2687.381	2693.242	2689.579	2688.846
3.0	2704.965	2685.183	2691.044	2685.916	2685.183
3.5	2703.500	2682.985	2688.114	2682.985	2681.520
4.0	2699.836	2680.055	2685.183	2679.322	2677.124
4.5	2698.371	2677.124	2681.520	2674.926	2671.995
5.0	2694.708	2674.193	2677.124	2670.530	2667.599
5.5	2693.242	2669.797	2672.728	2664.669	2661.006
6.0	2686.648	2666.134	2667.599	2658.808	2655.144
6.5	2682.985	2662.471	2661.738	2652.214	2647.818
7.0	2678.589	2657.342	2656.610	2645.620	2641.224
7.5	2674.193	2652.214	2650.016	2638.293	2633.165
8.0	2669.065	2646.352	2644.154	2630.234	2624.373
8.5	2663.936	2641.224	2637.561	2621.442	2615.581
9.0	2658.075	2635.363	2629.501	2612.650	2606.789
9.5	2651.481	2628.036	2622.175	2603.126	2596.532
10.0	2646.352	2621.442	2613.383	2594.334	2587.007
10.5	2638.293	2614.116	2605.324	2584.809	2576.750
11.0	2630.967	2606.789	2595.799	2573.819	2566.493
11.5	2623.640	2598.730	2586.275	2562.830	2554.038
12.0	2615.581	2590.671	2576.750	2551.107	2542.315
12.5	2606.056	2581.146	2566.493	2539.385	2529.127
13.0	2597.997	2572.354	2555.503	2526.930	2516.672
13.5	2589.938	2562.830	2544.513	2514.474	2504.217
14.0	2579.681	2553.305	2533.523	2500.554	2489.564
14.5	2570.889	2542.315	2521.068	2487.366	2475.644
15.0	2560.632	2532.058	2508.613	2473.446	2460.991
15.5	2550.375	2521.068	2496.158	2458.793	2446.337
16.0	2539.385	2510.078	2482.970	2444.139	2430.219
16.5	2529.127	2499.089	2469.782	2428.754	2414.833
17.0	2517.405	2486.633	2455.862	2413.368	2397.982
17.5	2506.415	2474.178	2442.674	2397.249	2381.131
18.0	2493.960	2462.456	2428.021	2381.131	2364.280
18.5	2482.970	2449.268	2413.368	2364.280	2345.964
19.0	2469.782	2436.080	2397.982	2346.696	2327.647
19.5	2457.327	2422.892	2382.596	2329.845	2309.331
20.0	2444.139	2408.972	2366.478	2312.261	2291.014
20.5	2430.952	2395.051	2350.359	2293.945	2271.965
21.0	2417.031	2381.131	2334.241	2275.629	2252.184
21.5	2403.843	2365.745	2317.390	2256.580	2233.135
22.0	2389.190	2351.092	2299.806	2237.531	2214.086
22.5	2374.537	2335.706	2282.223	2218.481	2193.571
23.0	2360.617	2321.053	2265.371	2197.967	2173.057
23.5	2345.964	2304.935	2247.055	2178.185	2152.542
24.0	2330.578	2288.816	2228.739	2158.404	2131.295
24.5	2315.192	2272.698	2209.690	2137.889	2110.781
25.0	2299.074	2256.580	2191.373	2117.375	2089.534
25.5	2282.223	2238.996	2172.324	2096.128	2066.822
26.0	2266.104	2222.145	2151.810	2074.881	2044.842
26.5	2249.986	2204.561	2132.761	2053.634	2022.130

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CANDELA TABULATION - (Cont.)

27.0	2232.402	2186.977	2112.246	2031.654	2000.150
27.5	2214.086	2168.661	2092.465	2009.675	1978.170
28.0	2197.234	2151.077	2071.950	1986.962	1954.725
28.5	2179.651	2132.761	2052.169	1964.983	1932.013
29.0	2162.067	2114.444	2031.654	1942.270	1910.033
29.5	2141.553	2095.395	2010.407	1919.558	1886.588
30.0	2121.771	2075.614	1989.160	1896.846	1863.876
30.5	2103.455	2056.565	1968.646	1874.866	1840.431
31.0	2084.405	2037.516	1947.399	1852.154	1816.986
31.5	2066.089	2017.734	1926.152	1828.709	1793.541
32.0	2045.575	1997.952	1904.172	1805.996	1770.829
32.5	2026.526	1977.438	1882.925	1782.551	1746.651
33.0	2006.744	1957.656	1860.213	1759.839	1723.939
33.5	1986.962	1937.142	1839.698	1736.394	1699.029
34.0	1967.913	1916.627	1816.986	1713.682	1676.316
34.5	1948.132	1896.846	1795.006	1690.969	1653.604
35.0	1928.350	1875.599	1772.294	1667.524	1630.159
35.5	1907.835	1854.352	1750.314	1645.545	1605.981
36.0	1888.786	1833.837	1728.335	1622.100	1584.002
36.5	1868.272	1812.590	1705.622	1599.387	1560.557
37.0	1847.025	1791.343	1684.375	1576.675	1538.577
37.5	1826.511	1770.096	1662.396	1553.230	1515.132
38.0	1805.996	1748.117	1639.683	1530.518	1491.687
38.5	1784.749	1727.602	1617.704	1507.805	1468.975
39.0	1762.770	1705.622	1595.724	1485.093	1446.262
39.5	1742.255	1684.375	1573.012	1462.381	1423.550
40.0	1721.008	1662.396	1551.032	1441.134	1401.570
40.5	1698.296	1641.149	1528.320	1418.421	1378.125
41.0	1677.049	1619.169	1506.340	1395.709	1353.948
41.5	1655.802	1597.922	1484.360	1372.997	1331.235
42.0	1633.090	1575.942	1462.381	1349.552	1307.790
42.5	1609.645	1553.230	1440.401	1327.572	1285.078
43.0	1587.665	1531.250	1418.421	1303.394	1262.366
43.5	1566.418	1510.003	1396.442	1280.682	1241.119
44.0	1542.973	1488.024	1374.462	1259.435	1219.139
44.5	1520.993	1466.044	1350.284	1237.455	1197.159
45.0	1498.281	1444.797	1328.305	1216.208	1175.912
45.5	1475.569	1422.085	1305.592	1194.961	1153.933
46.0	1453.589	1400.838	1284.345	1173.714	1132.686
46.5	1431.609	1378.858	1263.098	1153.200	1112.171
47.0	1408.897	1356.878	1241.851	1131.953	1090.924
47.5	1386.185	1333.433	1221.337	1111.439	1070.410
48.0	1364.205	1310.721	1200.823	1090.924	1049.163
48.5	1341.493	1289.474	1179.576	1070.410	1028.649
49.0	1317.315	1267.494	1159.061	1049.896	1008.867
49.5	1296.068	1246.980	1139.280	1029.381	989.085
50.0	1274.088	1225.733	1118.765	1009.600	969.303
50.5	1253.574	1204.486	1098.251	989.818	949.522
51.0	1231.594	1183.972	1077.737	969.303	929.740
51.5	1210.347	1162.725	1057.955	950.254	910.691
52.0	1189.833	1141.478	1037.440	930.473	891.642
52.5	1168.586	1120.963	1017.659	911.424	873.326
53.0	1147.339	1100.449	997.877	892.375	855.009
53.5	1126.092	1079.935	978.828	873.326	835.960
54.0	1105.577	1059.420	958.314	855.009	817.644
54.5	1084.330	1039.638	939.265	835.960	799.327

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CANDELA TABULATION - (Cont.)

55.0	1063.816	1019.124	919.483	818.376	781.011
55.5	1042.569	999.342	900.434	799.327	763.427
56.0	1021.322	978.828	881.385	781.744	745.844
56.5	1000.808	959.046	862.336	764.160	729.359
57.0	979.561	939.265	842.554	746.576	711.995
57.5	959.046	920.216	824.238	728.992	695.070
58.0	938.532	900.434	805.189	711.702	678.439
58.5	918.018	880.652	786.140	694.631	661.808
59.0	897.503	861.603	767.823	677.853	645.323
59.5	876.989	842.554	749.507	661.075	629.278
60.0	857.207	823.505	731.044	644.224	613.306
60.5	837.425	804.456	713.167	627.813	597.334
61.0	817.644	786.140	694.924	611.548	581.655
61.5	798.595	767.091	677.194	595.136	566.196
62.0	778.813	748.041	659.317	579.457	551.250
62.5	759.764	729.945	642.026	563.705	536.011
63.0	740.715	711.848	624.809	548.026	521.065
63.5	722.032	693.752	607.591	532.201	505.972
64.0	703.862	675.802	590.814	516.962	491.465
64.5	685.106	657.852	573.889	501.796	477.032
65.0	666.936	640.268	557.258	486.630	462.965
65.5	648.913	622.464	540.480	471.757	448.605
66.0	630.963	604.807	524.288	457.250	434.538
66.5	613.160	587.370	508.023	442.524	420.325
67.0	595.136	570.079	491.978	427.944	406.697
67.5	577.113	552.789	476.153	413.877	393.070
68.0	559.822	535.791	460.181	399.737	379.296
68.5	542.165	518.940	444.575	385.816	366.035
69.0	524.655	502.089	429.116	371.969	352.847
69.5	507.657	485.311	414.024	358.269	340.026
70.0	490.440	468.607	398.638	344.861	327.058
70.5	473.442	452.195	383.545	331.527	314.529
71.0	456.445	435.930	368.892	318.559	301.854
71.5	439.813	419.519	354.239	305.664	289.619
72.0	423.255	403.547	339.732	292.842	277.383
72.5	406.770	387.721	325.299	280.314	265.514
73.0	390.725	372.116	311.159	267.712	253.865
73.5	374.680	356.290	297.238	255.697	242.216
74.0	358.928	340.758	283.464	243.608	230.640
74.5	343.322	325.519	269.837	231.886	219.650
75.0	327.937	310.499	256.283	220.090	208.734
75.5	312.844	295.773	243.168	208.880	197.890
76.0	298.118	281.193	230.347	197.671	187.413
76.5	283.318	266.613	217.525	186.900	177.156
77.0	269.324	252.400	205.217	176.130	166.972
77.5	255.111	238.406	192.982	165.727	157.008
78.0	240.970	224.632	180.893	155.543	147.557
78.5	226.977	211.005	169.317	145.652	137.959
79.0	213.642	197.890	157.961	135.908	128.728
79.5	200.528	184.556	146.897	126.163	119.716
80.0	187.487	171.808	135.908	117.005	110.997
80.5	174.519	159.133	125.211	107.920	102.352
81.0	161.990	146.824	114.954	99.275	94.146
81.5	149.608	134.882	104.916	90.703	86.014
82.0	137.666	122.793	95.392	82.351	77.955
82.5	126.017	111.364	86.014	74.218	70.262

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CANDELA TABULATION - (Cont.)

83.0	114.514	100.081	76.929	66.305	62.422
83.5	103.158	89.311	68.357	58.539	54.949
84.0	92.315	78.760	60.005	50.920	47.696
84.5	81.618	68.796	52.019	43.666	40.736
85.0	71.507	59.199	44.326	36.853	33.922
85.5	61.690	49.967	36.999	29.892	26.595
86.0	52.458	41.175	30.405	22.712	18.536
86.5	43.300	33.263	24.031	14.360	11.429
87.0	34.874	25.789	17.144	9.085	8.132
87.5	27.035	19.196	9.891	6.960	6.374
88.0	19.782	13.115	6.228	5.348	4.982
88.5	13.627	7.327	4.616	3.883	3.443
89.0	8.572	3.663	3.077	2.491	2.198
89.5	4.249	1.978	1.685	1.246	1.099
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 : LRX4X-4-L15-827-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 : LRX4X-4-L15-827-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 : LRX4X-4-L15-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	958.22	N.A.	16.50
0-30	1964.19	N.A.	33.70
0-40	3072.33	N.A.	52.80
0-60	4923.53	N.A.	84.50
0-80	5763.57	N.A.	99.00
0-90	5823.88	N.A.	100.00
10-90	5570.54	N.A.	95.60
20-40	2114.1	N.A.	36.30
20-50	3141.71	N.A.	53.90
40-70	2409.4	N.A.	41.40
60-80	840.04	N.A.	14.40
70-80	281.84	N.A.	4.80
80-90	60.32	N.A.	1.00
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	5823.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	253.35
10-20	704.88
20-30	1005.97
30-40	1108.14
40-50	1027.61
50-60	823.60
60-70	558.20
70-80	281.84
80-90	60.32
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 : LRX4X-4-L15-827-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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L15-827-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

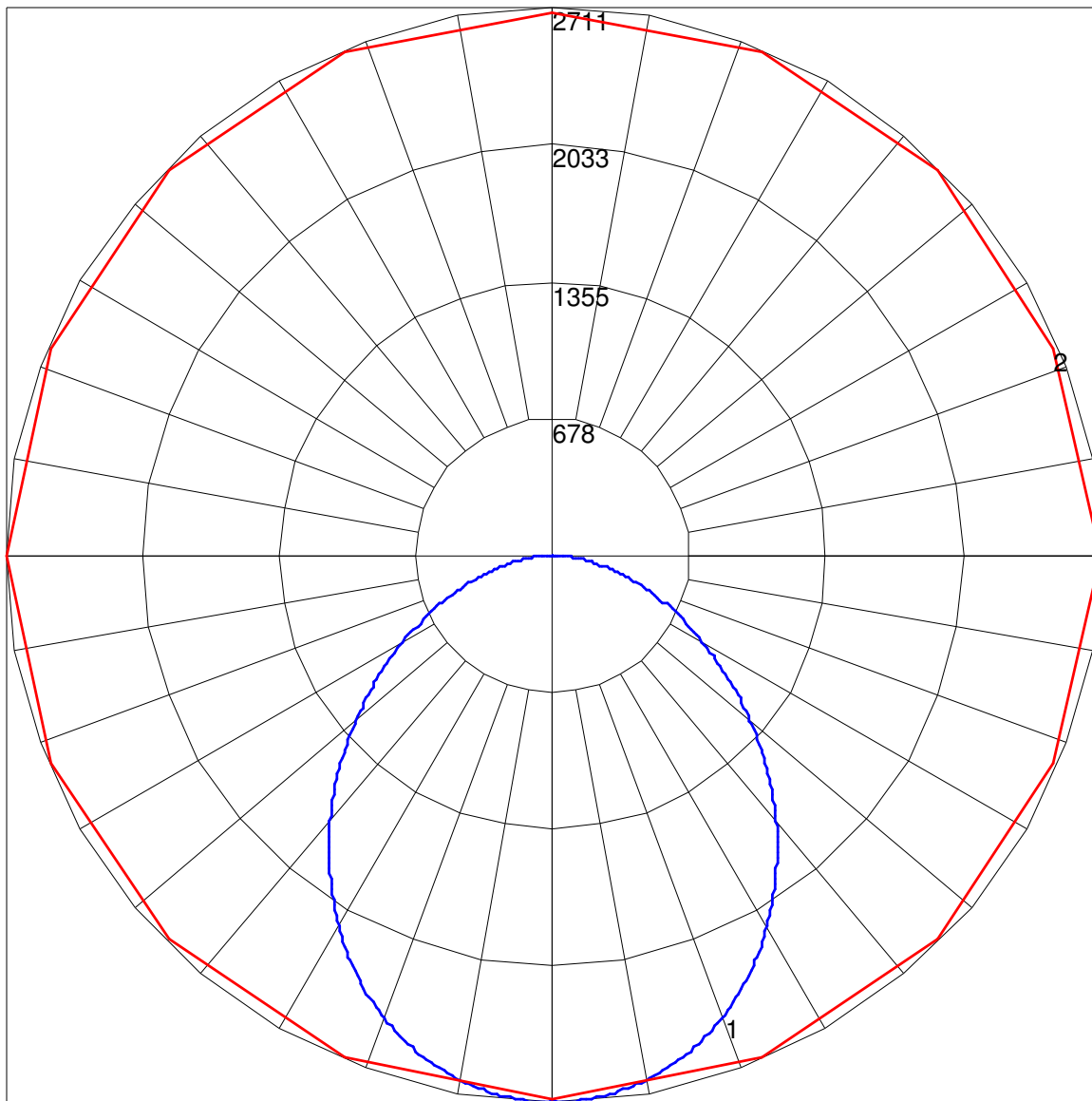
X=2H	Y=2H	20.6	22.2	21.0	22.5	22.8	18.9	20.4	19.3	20.7	21.1
	3H	22.2	23.6	22.6	23.9	24.3	20.2	21.6	20.6	21.9	22.3
	4H	22.8	24.1	23.2	24.4	24.8	20.7	22.0	21.1	22.3	22.7
	6H	23.1	24.3	23.6	24.7	25.1	20.9	22.1	21.3	22.5	22.9
	8H	23.2	24.4	23.7	24.8	25.2	21.0	22.1	21.4	22.5	22.9
	12H	23.3	24.4	23.7	24.8	25.2	21.0	22.1	21.4	22.5	22.9

UGR Viewed Endwise

4H	2H	21.0	22.3	21.4	22.6	23.0	19.6	20.9	20.0	21.2	21.6
	3H	22.8	23.9	23.2	24.3	24.7	21.1	22.2	21.5	22.6	23.0
	4H	23.5	24.4	23.9	24.9	25.3	21.6	22.6	22.1	23.0	23.5
	6H	24.0	24.8	24.4	25.3	25.7	22.0	22.8	22.4	23.3	23.7
	8H	24.1	24.9	24.6	25.4	25.8	22.1	22.8	22.5	23.3	23.8
	12H	24.2	24.9	24.7	25.4	25.9	22.1	22.8	22.6	23.3	23.7
8H	4H	23.6	24.4	24.1	24.8	25.3	21.9	22.7	22.4	23.2	23.6
	6H	24.2	24.8	24.7	25.3	25.8	22.4	23.0	22.8	23.5	24.0
	8H	24.4	25.0	24.9	25.5	26.0	22.5	23.1	23.0	23.6	24.1
	12H	24.5	25.1	25.0	25.5	26.1	22.5	23.1	23.1	23.6	24.1
12H	4H	23.6	24.3	24.1	24.8	25.3	22.0	22.7	22.4	23.1	23.6
	6H	24.2	24.8	24.7	25.3	25.8	22.4	23.0	22.9	23.5	24.0
	8H	24.4	24.9	24.9	25.4	26.0	22.6	23.1	23.1	23.6	24.1

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 2710.826 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.)