



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-840-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-L8-840-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	6592
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	19247	16603	15144
55	17157	14590	13356
65	15126	12861	11839
75	12476	10949	10204
85	9411	8781	8460

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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	2920.598	2920.598	2920.598	2920.598	2920.598
0.5	2972.088	2922.992	2906.228	2913.413	2899.043
1.0	2972.088	2921.795	2906.228	2913.413	2897.846
1.5	2970.891	2921.795	2905.031	2912.215	2896.648
2.0	2969.693	2919.400	2902.636	2911.018	2893.056
2.5	2968.496	2917.005	2901.438	2907.425	2890.661
3.0	2966.101	2914.610	2897.846	2905.031	2885.871
3.5	2963.706	2912.215	2894.253	2900.241	2881.081
4.0	2961.311	2909.820	2890.661	2896.648	2877.489
4.5	2958.916	2906.228	2887.069	2891.859	2871.502
5.0	2956.521	2902.636	2881.081	2885.871	2865.514
5.5	2951.731	2897.846	2876.292	2878.687	2857.132
6.0	2948.139	2893.056	2870.304	2872.699	2849.948
6.5	2944.547	2889.464	2864.317	2864.317	2841.565
7.0	2939.757	2883.476	2858.330	2855.935	2833.183
7.5	2934.967	2878.687	2851.145	2847.553	2823.604
8.0	2930.177	2871.502	2843.960	2837.973	2815.221
8.5	2924.190	2865.514	2835.578	2828.393	2804.444
9.0	2918.203	2859.527	2827.196	2817.616	2793.667
9.5	2912.215	2852.342	2817.616	2805.642	2781.693
10.0	2906.228	2845.158	2808.037	2794.865	2770.915
10.5	2899.043	2837.973	2798.457	2782.890	2756.546
11.0	2891.859	2829.591	2787.680	2770.915	2743.374
11.5	2883.476	2821.209	2776.903	2757.743	2730.202
12.0	2875.094	2811.629	2764.928	2744.571	2715.832
12.5	2867.909	2802.049	2752.954	2730.202	2700.265
13.0	2858.330	2792.470	2740.979	2715.832	2685.896
13.5	2848.750	2781.693	2727.807	2700.265	2670.329
14.0	2840.368	2770.915	2715.832	2685.896	2654.762
14.5	2829.591	2760.138	2701.463	2670.329	2637.998
15.0	2820.011	2749.361	2688.291	2653.565	2622.431
15.5	2809.234	2737.387	2672.724	2636.800	2604.469
16.0	2800.852	2726.609	2658.354	2620.036	2586.507
16.5	2792.470	2714.635	2642.788	2602.074	2568.545
17.0	2781.693	2702.660	2627.221	2584.112	2550.583
17.5	2766.126	2690.686	2611.654	2566.150	2531.424
18.0	2751.756	2679.909	2596.087	2546.991	2511.067
18.5	2737.387	2665.539	2579.322	2527.832	2490.710
19.0	2725.412	2649.972	2562.558	2507.475	2470.354
19.5	2712.240	2634.405	2545.793	2487.118	2448.799
20.0	2699.068	2618.838	2527.832	2467.959	2426.048
20.5	2684.698	2603.271	2511.067	2447.602	2404.494
21.0	2670.329	2588.902	2493.105	2426.048	2381.742
21.5	2655.960	2573.335	2475.144	2405.691	2360.188
22.0	2640.393	2556.571	2455.984	2384.137	2337.436
22.5	2626.023	2541.004	2438.022	2361.385	2315.882
23.0	2609.259	2524.239	2421.258	2339.831	2294.328
23.5	2593.692	2506.277	2402.099	2318.277	2271.576
24.0	2576.927	2489.513	2380.544	2296.722	2250.022
24.5	2560.163	2471.551	2360.188	2275.168	2227.270
25.0	2543.399	2454.787	2338.633	2252.417	2204.518
25.5	2526.634	2435.627	2318.277	2230.862	2181.767
26.0	2508.672	2417.666	2296.722	2208.111	2160.212
26.5	2491.908	2398.506	2276.366	2186.556	2138.658

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CANDELA TABULATION - (Cont.)

27.0	2472.749	2380.544	2254.811	2165.002	2115.906
27.5	2454.787	2360.188	2234.455	2143.448	2091.957
28.0	2436.825	2341.028	2212.900	2121.894	2070.403
28.5	2418.863	2321.869	2191.346	2099.142	2048.849
29.0	2399.704	2301.512	2170.989	2076.390	2027.295
29.5	2379.347	2281.156	2149.435	2053.639	2005.740
30.0	2360.188	2260.799	2127.881	2032.084	1982.989
30.5	2339.831	2241.639	2107.524	2010.530	1960.237
31.0	2319.474	2221.283	2085.970	1987.779	1937.485
31.5	2297.920	2199.728	2063.218	1965.027	1915.931
32.0	2277.563	2179.372	2041.664	1942.275	1893.179
32.5	2256.009	2157.817	2020.110	1919.524	1870.428
33.0	2235.652	2136.263	1997.358	1896.772	1847.676
33.5	2214.098	2114.709	1975.804	1875.218	1824.924
34.0	2192.544	2093.155	1954.250	1852.466	1802.173
34.5	2172.187	2070.403	1930.301	1829.714	1779.421
35.0	2150.633	2048.849	1908.746	1805.765	1756.669
35.5	2129.078	2026.097	1885.995	1783.013	1735.115
36.0	2106.327	2004.543	1864.440	1761.459	1712.363
36.5	2084.773	1981.791	1841.689	1738.707	1690.809
37.0	2063.218	1959.040	1818.937	1714.758	1668.058
37.5	2040.467	1936.288	1796.185	1693.204	1647.701
38.0	2018.912	1913.536	1773.434	1670.452	1624.949
38.5	1996.161	1890.785	1751.880	1648.898	1603.395
39.0	1973.409	1868.033	1727.930	1626.147	1581.841
39.5	1950.657	1845.281	1705.179	1604.592	1560.286
40.0	1926.708	1822.529	1682.427	1581.841	1538.732
40.5	1902.759	1799.778	1659.675	1561.484	1518.375
41.0	1880.007	1777.026	1636.924	1539.930	1495.624
41.5	1856.058	1753.077	1614.172	1518.375	1474.070
42.0	1832.109	1730.325	1592.618	1495.624	1453.713
42.5	1809.357	1706.376	1569.866	1474.070	1432.159
43.0	1785.408	1683.624	1548.312	1453.713	1411.802
43.5	1761.459	1659.675	1524.363	1433.356	1391.445
44.0	1737.510	1636.924	1502.808	1411.802	1371.088
44.5	1713.561	1614.172	1480.057	1390.248	1350.731
45.0	1690.809	1590.223	1458.503	1369.891	1330.375
45.5	1666.860	1567.471	1436.948	1349.534	1310.018
46.0	1642.911	1544.719	1415.394	1329.177	1290.859
46.5	1620.159	1520.770	1392.642	1308.820	1270.502
47.0	1596.210	1498.019	1371.088	1288.464	1251.343
47.5	1573.458	1475.267	1350.731	1266.909	1232.183
48.0	1549.509	1452.515	1329.177	1247.750	1211.826
48.5	1525.560	1429.764	1308.820	1227.393	1193.386
49.0	1502.808	1405.814	1286.069	1208.234	1174.107
49.5	1478.859	1383.063	1265.712	1187.758	1154.827
50.0	1456.108	1361.509	1244.158	1167.760	1135.548
50.5	1432.159	1338.757	1223.801	1148.840	1117.227
51.0	1409.407	1316.005	1202.247	1130.280	1099.026
51.5	1385.458	1293.254	1182.010	1111.360	1079.148
52.0	1362.706	1271.699	1160.935	1091.841	1060.468
52.5	1338.757	1248.948	1140.099	1072.323	1042.506
53.0	1316.005	1227.393	1119.503	1053.044	1023.347
53.5	1292.056	1205.839	1099.864	1034.962	1005.984
54.0	1269.304	1183.207	1079.986	1017.120	987.662
54.5	1246.553	1161.054	1059.749	998.799	969.701

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55.0	1222.604	1139.380	1039.632	979.879	951.739
55.5	1199.852	1117.946	1020.114	960.720	933.418
56.0	1176.980	1096.631	1001.074	942.279	916.055
56.5	1154.588	1075.556	981.675	924.916	898.811
57.0	1132.076	1054.241	962.516	907.792	882.286
57.5	1110.043	1033.405	943.955	889.711	865.163
58.0	1088.129	1012.929	925.035	871.270	847.560
58.5	1066.934	992.452	905.756	853.188	830.436
59.0	1045.260	972.575	886.597	835.705	814.390
59.5	1023.945	952.697	867.917	818.582	797.866
60.0	1002.511	933.058	849.955	801.937	780.862
60.5	981.675	913.420	832.233	785.173	764.217
61.0	960.959	893.662	814.271	768.049	748.171
61.5	940.123	873.904	795.590	750.806	731.646
62.0	919.288	854.745	777.389	733.802	715.121
62.5	898.572	835.825	760.146	717.396	699.075
63.0	877.736	816.546	743.621	701.351	683.389
63.5	856.780	797.387	727.096	686.263	667.702
64.0	835.945	778.108	710.092	671.175	652.015
64.5	815.109	758.948	692.489	654.889	636.688
65.0	794.153	740.028	675.246	637.885	621.600
65.5	773.318	720.989	658.961	622.558	606.751
66.0	752.602	701.949	643.034	608.787	592.502
66.5	731.766	683.029	626.869	594.657	578.012
67.0	711.050	664.349	609.985	579.330	563.164
67.5	690.454	645.789	592.981	562.805	548.076
68.0	669.857	626.988	575.977	545.801	532.629
68.5	649.501	608.308	559.093	529.994	517.301
69.0	629.383	589.628	543.047	515.266	502.453
69.5	609.266	571.426	527.240	500.657	487.485
70.0	589.269	553.225	510.476	484.611	471.678
70.5	569.630	534.904	493.352	467.367	455.992
71.0	549.872	516.583	476.468	450.843	440.544
71.5	530.473	498.501	459.943	435.994	425.576
72.0	511.194	481.018	444.137	422.223	411.087
72.5	492.155	463.775	428.929	407.974	397.196
73.0	473.474	446.651	413.482	392.766	383.066
73.5	454.914	429.408	397.556	377.558	368.458
74.0	436.713	412.404	381.630	362.949	354.567
74.5	418.751	395.760	366.542	349.178	341.515
75.0	401.148	379.594	352.052	335.647	328.103
75.5	383.785	363.548	337.803	321.996	314.332
76.0	366.661	347.622	323.194	308.465	301.280
76.5	349.777	331.576	308.704	294.574	288.467
77.0	333.013	315.889	294.095	280.923	275.176
77.5	316.608	300.442	280.205	267.512	261.644
78.0	300.202	285.115	266.674	254.460	248.832
78.5	284.037	270.027	253.142	241.527	236.617
79.0	268.350	255.298	239.611	228.834	224.523
79.5	252.783	240.809	226.319	216.380	212.549
80.0	237.575	226.559	213.387	203.927	200.454
80.5	222.488	212.549	200.574	191.593	188.120
81.0	207.879	198.778	187.642	179.499	176.026
81.5	193.629	185.366	175.188	167.764	164.531
82.0	179.619	172.434	163.333	156.508	153.514
82.5	165.968	159.741	151.598	145.611	142.857

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CANDELA TABULATION - (Cont.)

83.0	152.556	147.167	140.102	134.594	132.439
83.5	139.384	134.714	128.487	123.697	122.021
84.0	126.571	122.739	116.872	112.920	111.363
84.5	114.118	111.004	105.616	102.383	101.065
85.0	101.904	99.509	95.078	92.204	91.605
85.5	89.929	88.133	84.780	82.625	82.744
86.0	78.314	76.877	74.721	73.763	73.763
86.5	67.058	66.100	64.663	64.423	64.663
87.0	56.041	55.682	54.844	54.844	55.203
87.5	45.503	45.144	45.264	45.863	46.102
88.0	35.325	35.564	36.642	37.480	37.840
88.5	25.865	26.703	28.739	28.978	29.218
89.0	17.483	18.800	19.998	18.082	17.962
89.5	12.094	12.454	9.340	8.861	9.819
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-L8-840-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-L8-840-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-L8-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1034.11	N.A.	15.70
0-30	2117.12	N.A.	32.10
0-40	3322.87	N.A.	50.40
0-60	5417.87	N.A.	82.20
0-80	6483.07	N.A.	98.30
0-90	6592.18	N.A.	100.00
10-90	6318.18	N.A.	95.80
20-40	2288.76	N.A.	34.70
20-50	3432.93	N.A.	52.10
40-70	2779.51	N.A.	42.20
60-80	1065.21	N.A.	16.20
70-80	380.69	N.A.	5.80
80-90	109.11	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	6592.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	274.00
10-20	760.11
20-30	1083.01
30-40	1205.75
40-50	1144.17
50-60	950.82
60-70	684.52
70-80	380.69
80-90	109.11
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-L8-840-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-L8-840-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	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.4	22.7
	3H	23.4	24.9	23.8	25.2	25.5	22.2	23.6	22.6	24.0	24.3
	4H	24.0	25.4	24.4	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.6	25.8	25.1	26.2	26.6	23.4	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.2	26.7	23.5	24.7	24.0	25.1	25.5

UGR Viewed Endwise

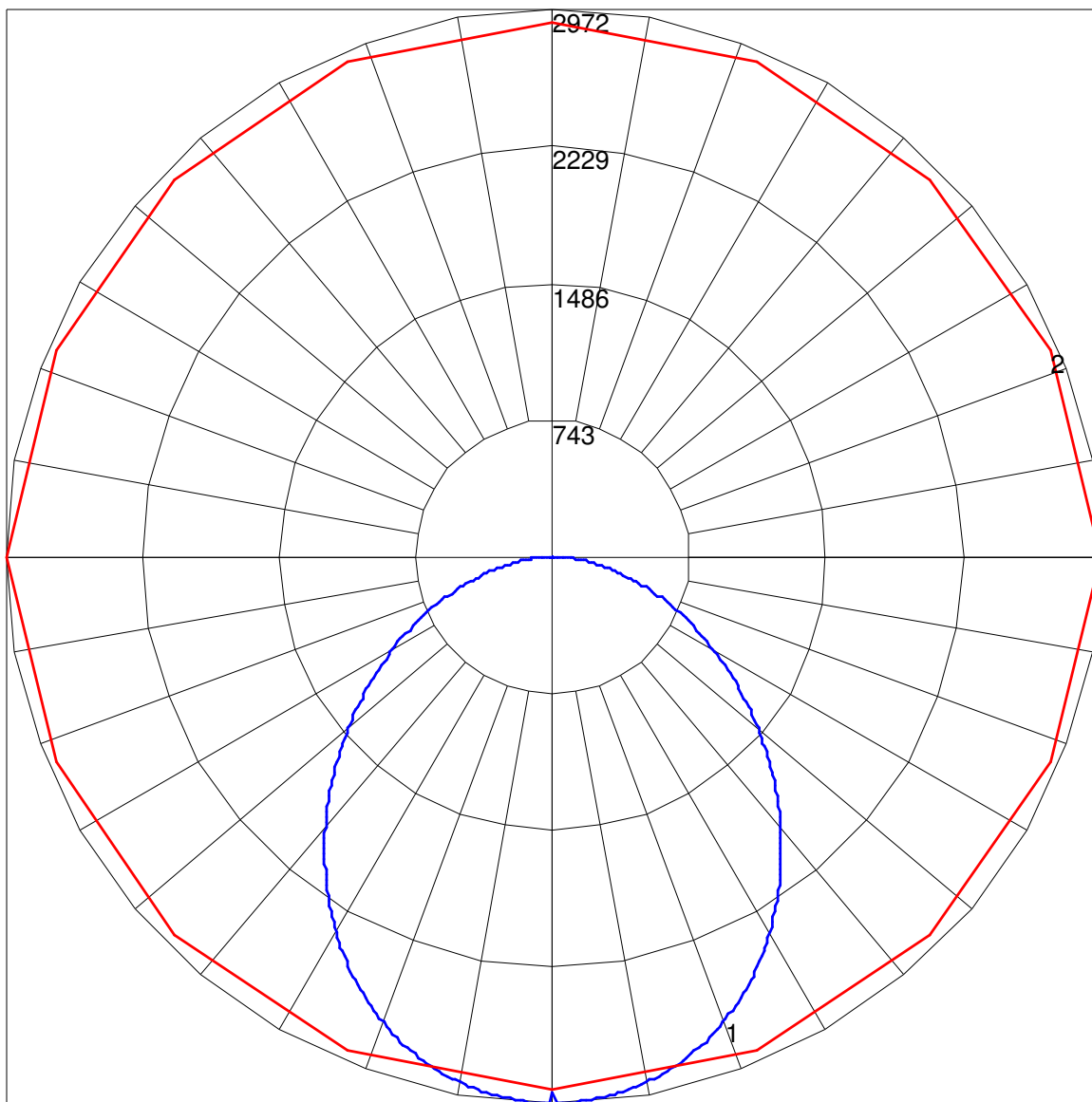
4H	2H	22.2	23.5	22.6	23.8	24.2	21.2	22.5	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.8	24.8	24.3	25.3	25.7
	6H	25.4	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.7	26.2
	8H	25.6	26.4	26.1	26.9	27.4	24.6	25.4	25.1	25.9	26.3
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.4

8H	4H	25.1	25.9	25.5	26.3	26.8	24.2	25.0	24.6	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.5	25.4	26.0	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.1	25.7	25.6	26.3	26.7
	12H	26.3	26.8	26.8	27.3	27.8	25.4	25.9	25.9	26.4	27.0

12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	24.9	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 2972.088 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.)