



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-927-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-L10-927-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	6445
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	72.8
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	18817	16232	14806
55	16774	14264	13058
65	14788	12574	11575
75	12197	10704	9976
85	9201	8585	8271

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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	2855.379	2855.379	2855.379	2855.379	2855.379
0.5	2905.720	2857.720	2841.330	2848.354	2834.306
1.0	2905.720	2856.549	2841.330	2848.354	2833.135
1.5	2904.549	2856.549	2840.159	2847.184	2831.964
2.0	2903.378	2854.208	2837.818	2846.013	2828.452
2.5	2902.207	2851.867	2836.647	2842.501	2826.111
3.0	2899.866	2849.525	2833.135	2840.159	2821.428
3.5	2897.525	2847.184	2829.623	2835.477	2816.745
4.0	2895.183	2844.842	2826.111	2831.964	2813.233
4.5	2892.842	2841.330	2822.599	2827.282	2807.379
5.0	2890.500	2837.818	2816.745	2821.428	2801.526
5.5	2885.817	2833.135	2812.062	2814.404	2793.331
6.0	2882.305	2828.452	2806.209	2808.550	2786.306
6.5	2878.793	2824.940	2800.355	2800.355	2778.111
7.0	2874.110	2819.087	2794.501	2792.160	2769.916
7.5	2869.427	2814.404	2787.477	2783.965	2760.551
8.0	2864.745	2807.379	2780.453	2774.599	2752.356
8.5	2858.891	2801.526	2772.258	2765.234	2741.819
9.0	2853.037	2795.672	2764.063	2754.697	2731.283
9.5	2847.184	2788.648	2754.697	2742.990	2719.576
10.0	2841.330	2781.624	2745.331	2732.453	2709.039
10.5	2834.306	2774.599	2735.966	2720.746	2694.991
11.0	2827.282	2766.404	2725.429	2709.039	2682.113
11.5	2819.087	2758.209	2714.893	2696.161	2669.235
12.0	2810.892	2748.844	2703.186	2683.283	2655.186
12.5	2803.867	2739.478	2691.478	2669.235	2639.967
13.0	2794.501	2730.112	2679.771	2655.186	2625.918
13.5	2785.136	2719.576	2666.893	2639.967	2610.699
14.0	2776.941	2709.039	2655.186	2625.918	2595.480
14.5	2766.404	2698.503	2641.138	2610.699	2579.090
15.0	2757.039	2687.966	2628.260	2594.309	2563.870
15.5	2746.502	2676.259	2613.040	2577.919	2546.309
16.0	2738.307	2665.723	2598.992	2561.529	2528.749
16.5	2730.112	2654.015	2583.772	2543.968	2511.188
17.0	2719.576	2642.308	2568.553	2526.407	2493.627
17.5	2704.356	2630.601	2553.334	2508.847	2474.896
18.0	2690.308	2620.065	2538.114	2490.115	2454.994
18.5	2676.259	2606.016	2521.724	2471.384	2435.091
19.0	2664.552	2590.797	2505.334	2451.481	2415.189
19.5	2651.674	2575.577	2488.944	2431.579	2394.116
20.0	2638.796	2560.358	2471.384	2412.848	2371.873
20.5	2624.748	2545.139	2454.994	2392.946	2350.800
21.0	2610.699	2531.090	2437.433	2371.873	2328.556
21.5	2596.650	2515.871	2419.872	2351.970	2307.483
22.0	2581.431	2499.481	2401.141	2330.898	2285.240
22.5	2567.382	2484.261	2383.580	2308.654	2264.167
23.0	2550.992	2467.871	2367.190	2287.581	2243.094
23.5	2535.773	2450.311	2348.458	2266.508	2220.850
24.0	2519.383	2433.921	2327.385	2245.435	2199.777
24.5	2502.993	2416.360	2307.483	2224.362	2177.534
25.0	2486.603	2399.970	2286.410	2202.119	2155.290
25.5	2470.213	2381.238	2266.508	2181.046	2133.046
26.0	2452.652	2363.678	2245.435	2158.802	2111.973
26.5	2436.262	2344.946	2225.533	2137.729	2090.901

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CANDELA TABULATION - (Cont.)

27.0	2417.531	2327.385	2204.460	2116.656	2068.657
27.5	2399.970	2307.483	2184.558	2095.583	2045.243
28.0	2382.409	2288.752	2163.485	2074.511	2024.170
28.5	2364.848	2270.020	2142.412	2052.267	2003.097
29.0	2346.117	2250.118	2122.510	2030.023	1982.024
29.5	2326.215	2230.216	2101.437	2007.780	1960.951
30.0	2307.483	2210.314	2080.364	1986.707	1938.707
30.5	2287.581	2191.582	2060.462	1965.634	1916.464
31.0	2267.679	2171.680	2039.389	1943.390	1894.220
31.5	2246.606	2150.607	2017.145	1921.147	1873.147
32.0	2226.704	2130.705	1996.072	1898.903	1850.904
32.5	2205.631	2109.632	1975.000	1876.659	1828.660
33.0	2185.729	2088.559	1952.756	1854.416	1806.416
33.5	2164.656	2067.486	1931.683	1833.343	1784.173
34.0	2143.583	2046.413	1910.610	1811.099	1761.929
34.5	2123.681	2024.170	1887.196	1788.856	1739.685
35.0	2102.608	2003.097	1866.123	1765.441	1717.442
35.5	2081.535	1980.853	1843.879	1743.198	1696.369
36.0	2059.291	1959.780	1822.806	1722.125	1674.125
36.5	2038.218	1937.537	1800.563	1699.881	1653.052
37.0	2017.145	1915.293	1778.319	1676.467	1630.809
37.5	1994.902	1893.049	1756.076	1655.394	1610.907
38.0	1973.829	1870.806	1733.832	1633.150	1588.663
38.5	1951.585	1848.562	1712.759	1612.077	1567.590
39.0	1929.342	1826.319	1689.345	1589.834	1546.517
39.5	1907.098	1804.075	1667.101	1568.761	1525.444
40.0	1883.684	1781.831	1644.857	1546.517	1504.371
40.5	1860.269	1759.588	1622.614	1526.615	1484.469
41.0	1838.026	1737.344	1600.370	1505.542	1462.226
41.5	1814.611	1713.930	1578.127	1484.469	1441.153
42.0	1791.197	1691.686	1557.054	1462.226	1421.250
42.5	1768.953	1668.272	1534.810	1441.153	1400.178
43.0	1745.539	1646.028	1513.737	1421.250	1380.275
43.5	1722.125	1622.614	1490.323	1401.348	1360.373
44.0	1698.710	1600.370	1469.250	1380.275	1340.471
44.5	1675.296	1578.127	1447.006	1359.202	1320.569
45.0	1653.052	1554.712	1425.933	1339.300	1300.667
45.5	1629.638	1532.469	1404.860	1319.398	1280.764
46.0	1606.224	1510.225	1383.787	1299.496	1262.033
46.5	1583.980	1486.811	1361.544	1279.594	1242.131
47.0	1560.566	1464.567	1340.471	1259.691	1223.399
47.5	1538.322	1442.323	1320.569	1238.619	1204.668
48.0	1514.908	1420.080	1299.496	1219.887	1184.766
48.5	1491.493	1397.836	1279.594	1199.985	1166.737
49.0	1469.250	1374.422	1257.350	1181.253	1147.888
49.5	1445.835	1352.178	1237.448	1161.234	1129.039
50.0	1423.592	1331.105	1216.375	1141.683	1110.191
50.5	1400.178	1308.862	1196.473	1123.186	1092.279
51.0	1377.934	1286.618	1175.400	1105.040	1074.484
51.5	1354.520	1264.374	1155.615	1086.542	1055.050
52.0	1332.276	1243.301	1135.010	1067.460	1036.787
52.5	1308.862	1221.058	1114.640	1048.377	1019.226
53.0	1286.618	1199.985	1094.503	1029.529	1000.495
53.5	1263.204	1178.912	1075.304	1011.851	983.519
54.0	1240.960	1156.785	1055.870	994.407	965.607
54.5	1218.716	1135.127	1036.085	976.495	948.047

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55.0	1195.302	1113.937	1016.417	957.998	930.486
55.5	1173.058	1092.981	997.334	939.266	912.574
56.0	1150.698	1072.143	978.719	921.237	895.599
56.5	1128.805	1051.538	959.754	904.262	878.740
57.0	1106.796	1030.699	941.022	887.521	862.584
57.5	1085.255	1010.329	922.876	869.843	845.843
58.0	1063.831	990.310	904.379	851.814	828.633
58.5	1043.109	970.290	885.530	834.136	811.892
59.0	1021.919	950.856	866.799	817.043	796.205
59.5	1001.080	931.422	848.536	800.302	780.049
60.0	980.124	912.223	830.975	784.029	763.425
60.5	959.754	893.023	813.648	767.639	747.152
61.0	939.500	873.706	796.088	750.898	731.464
61.5	919.130	854.389	777.824	734.040	715.308
62.0	898.759	835.658	760.029	717.415	699.152
62.5	878.506	817.160	743.171	701.377	683.465
63.0	858.136	798.312	727.015	685.689	668.128
63.5	837.648	779.580	710.859	670.938	652.792
64.0	817.278	760.732	694.235	656.187	637.455
64.5	796.907	742.000	677.026	640.265	622.470
65.0	776.420	723.503	660.167	623.641	607.719
65.5	756.049	704.889	644.246	608.656	593.202
66.0	735.796	686.274	628.675	595.193	579.271
66.5	715.425	667.777	612.870	581.378	565.105
67.0	695.172	649.514	596.363	566.393	550.588
67.5	675.035	631.368	579.739	550.237	535.837
68.0	654.899	612.987	563.115	533.613	520.735
68.5	634.997	594.724	546.608	518.159	505.750
69.0	615.329	576.461	530.920	503.760	491.233
69.5	595.661	558.666	515.467	489.477	476.599
70.0	576.110	540.871	499.077	473.789	461.145
70.5	556.910	522.959	482.335	456.931	445.809
71.0	537.593	505.047	465.828	440.775	430.707
71.5	518.628	487.369	449.672	426.258	416.073
72.0	499.779	470.277	434.219	412.795	401.907
72.5	481.165	453.419	419.351	398.863	388.327
73.0	462.902	436.677	404.249	383.995	374.512
73.5	444.755	419.819	388.678	369.127	360.230
74.0	426.960	403.195	373.108	354.844	346.649
74.5	409.400	386.922	358.356	341.381	333.888
75.0	392.190	371.117	344.191	328.152	320.776
75.5	375.215	355.430	330.259	314.806	307.313
76.0	358.474	339.859	315.977	301.577	294.552
76.5	341.966	324.172	301.811	287.996	282.026
77.0	325.576	308.835	287.528	274.650	269.031
77.5	309.538	293.733	273.948	261.538	255.802
78.0	293.499	278.748	260.719	248.777	243.275
78.5	277.694	263.997	247.490	236.134	231.334
79.0	262.358	249.597	234.260	223.724	219.509
79.5	247.138	235.431	221.266	211.549	207.802
80.0	232.270	221.500	208.622	199.373	195.978
80.5	217.519	207.802	196.095	187.315	183.920
81.0	203.236	194.339	183.451	175.490	172.095
81.5	189.305	181.227	171.276	164.017	160.857
82.0	175.608	168.583	159.686	153.013	150.086
82.5	162.261	156.174	148.213	142.359	139.667

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CANDELA TABULATION - (Cont.)

83.0	149.149	143.881	136.974	131.589	129.481
83.5	136.271	131.706	125.618	120.935	119.296
84.0	123.745	119.998	114.262	110.399	108.877
84.5	111.569	108.525	103.257	100.096	98.809
85.0	99.628	97.287	92.955	90.145	89.560
85.5	87.921	86.165	82.887	80.779	80.897
86.0	76.565	75.160	73.053	72.116	72.116
86.5	65.560	64.624	63.219	62.985	63.219
87.0	54.790	54.438	53.619	53.619	53.970
87.5	44.487	44.136	44.253	44.838	45.073
88.0	34.536	34.770	35.824	36.643	36.995
88.5	25.287	26.107	28.097	28.331	28.565
89.0	17.092	18.380	19.551	17.678	17.561
89.5	11.824	12.175	9.132	8.663	9.600
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-L10-927-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-L10-927-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-L10-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1011.02	N.A.	15.70
0-30	2069.85	N.A.	32.10
0-40	3248.67	N.A.	50.40
0-60	5296.88	N.A.	82.20
0-80	6338.3	N.A.	98.30
0-90	6444.98	N.A.	100.00
10-90	6177.1	N.A.	95.80
20-40	2237.65	N.A.	34.70
20-50	3356.27	N.A.	52.10
40-70	2717.44	N.A.	42.20
60-80	1041.42	N.A.	16.20
70-80	372.18	N.A.	5.80
80-90	106.67	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	6444.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	267.88
10-20	743.14
20-30	1058.83
30-40	1178.82
40-50	1118.62
50-60	929.59
60-70	669.23
70-80	372.18
80-90	106.67
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-L10-927-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-L10-927-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	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.3	22.6
	3H	23.3	24.7	23.7	25.1	25.4	22.1	23.5	22.5	23.9	24.2
	4H	23.9	25.3	24.3	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.5	25.7	25.0	26.1	26.5	23.3	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.1	26.6	23.4	24.6	23.9	25.0	25.4

UGR Viewed Endwise

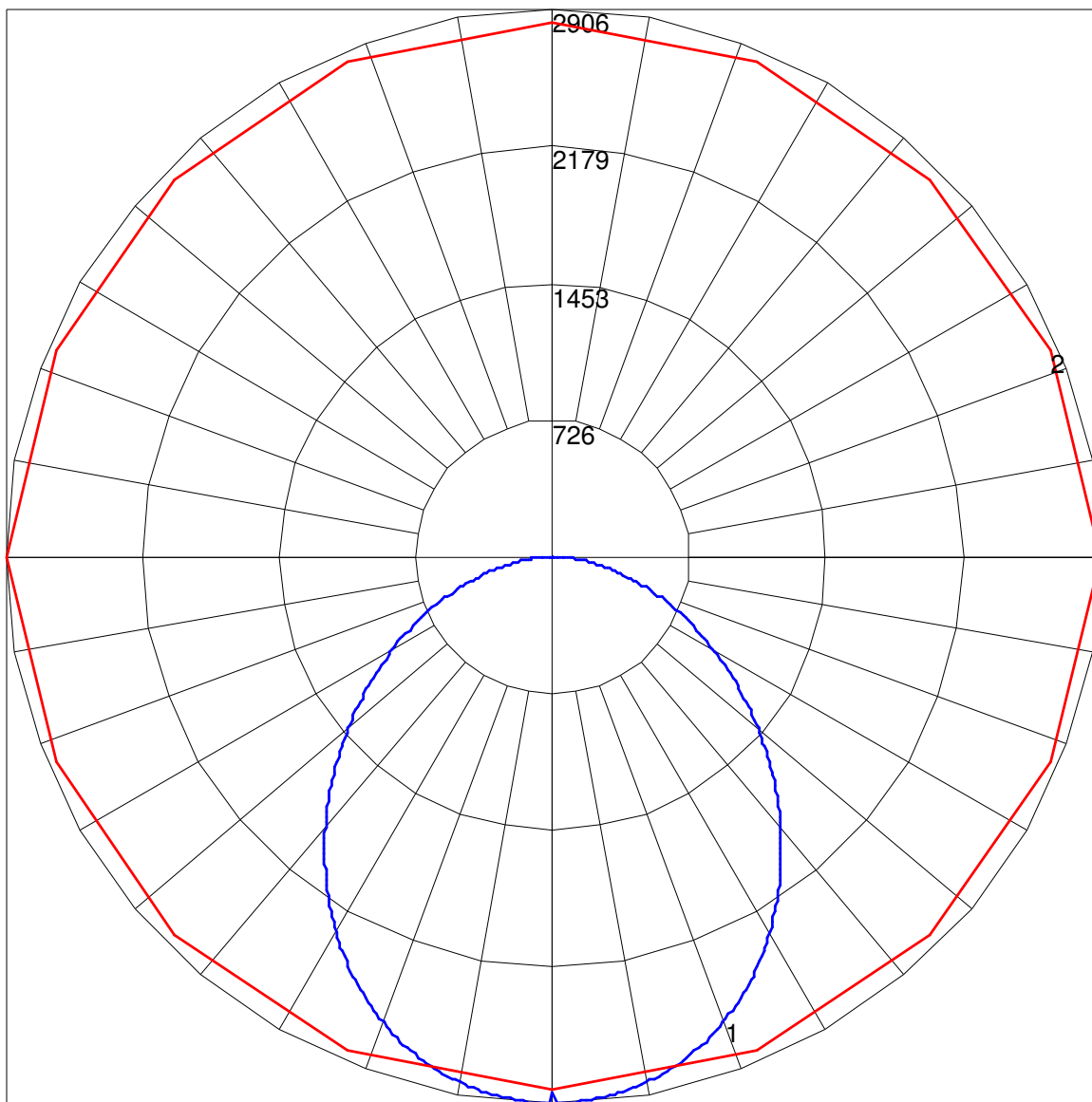
4H	2H	22.1	23.4	22.5	23.7	24.1	21.1	22.4	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.7	24.7	24.2	25.2	25.6
	6H	25.3	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.6	26.1
	8H	25.5	26.3	26.0	26.8	27.3	24.5	25.3	25.0	25.8	26.2
	12H	25.7	26.4	26.2	26.9	27.4	24.7	25.4	25.2	25.9	26.3

8H	4H	25.0	25.8	25.4	26.2	26.7	24.1	24.9	24.5	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.4	25.3	25.9	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.2	26.6
	12H	26.2	26.7	26.7	27.2	27.7	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.8	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 2905.72 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.)