



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L10-830-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-L10-830-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	7976
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
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	23286	20087	18322
55	20758	17652	16159
65	18300	15560	14324
75	15094	13247	12345
85	11386	10624	10236

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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	3533.533	3533.533	3533.533	3533.533	3533.533
0.5	3595.830	3536.431	3516.148	3524.840	3507.455
1.0	3595.830	3534.982	3516.148	3524.840	3506.006
1.5	3594.381	3534.982	3514.699	3523.392	3504.558
2.0	3592.932	3532.084	3511.802	3521.943	3500.211
2.5	3591.484	3529.187	3510.353	3517.597	3497.314
3.0	3588.586	3526.289	3506.006	3514.699	3491.519
3.5	3585.688	3523.392	3501.660	3508.904	3485.724
4.0	3582.791	3520.494	3497.314	3504.558	3481.378
4.5	3579.893	3516.148	3492.968	3498.763	3474.134
5.0	3576.996	3511.802	3485.724	3491.519	3466.890
5.5	3571.201	3506.006	3479.929	3482.826	3456.749
6.0	3566.855	3500.211	3472.685	3475.582	3448.056
6.5	3562.508	3495.865	3465.441	3465.441	3437.915
7.0	3556.713	3488.621	3458.197	3455.300	3427.773
7.5	3550.918	3482.826	3449.505	3445.158	3416.183
8.0	3545.123	3474.134	3440.812	3433.568	3406.042
8.5	3537.879	3466.890	3430.671	3421.978	3393.003
9.0	3530.635	3459.646	3420.529	3408.939	3379.964
9.5	3523.392	3450.953	3408.939	3394.452	3365.476
10.0	3516.148	3442.261	3397.349	3381.413	3352.438
10.5	3507.455	3433.568	3385.759	3366.925	3335.052
11.0	3498.763	3423.427	3372.720	3352.438	3319.116
11.5	3488.621	3413.286	3359.681	3336.501	3303.180
12.0	3478.480	3401.696	3345.194	3320.565	3285.795
12.5	3469.787	3390.105	3330.706	3303.180	3266.961
13.0	3458.197	3378.515	3316.219	3285.795	3249.575
13.5	3446.607	3365.476	3300.282	3266.961	3230.742
14.0	3436.466	3352.438	3285.795	3249.575	3211.908
14.5	3423.427	3339.399	3268.409	3230.742	3191.625
15.0	3411.837	3326.360	3252.473	3210.459	3172.791
15.5	3398.798	3311.872	3233.639	3190.176	3151.060
16.0	3388.657	3298.833	3216.254	3169.893	3129.328
16.5	3378.515	3284.346	3197.420	3148.162	3107.597
17.0	3365.476	3269.858	3178.586	3126.431	3085.865
17.5	3346.643	3255.370	3159.752	3104.699	3062.685
18.0	3329.257	3242.332	3140.918	3081.519	3038.056
18.5	3311.872	3224.946	3120.636	3058.339	3013.427
19.0	3297.385	3206.113	3100.353	3033.710	2988.798
19.5	3281.448	3187.279	3080.070	3009.081	2962.720
20.0	3265.512	3168.445	3058.339	2985.901	2935.194
20.5	3248.127	3149.611	3038.056	2961.272	2909.116
21.0	3230.742	3132.226	3016.325	2935.194	2881.590
21.5	3213.356	3113.392	2994.593	2910.565	2855.512
22.0	3194.522	3093.109	2971.413	2884.487	2827.985
22.5	3177.137	3074.275	2949.681	2856.961	2801.908
23.0	3156.855	3053.992	2929.399	2830.883	2775.830
23.5	3138.021	3032.261	2906.219	2804.805	2748.303
24.0	3117.738	3011.978	2880.141	2778.727	2722.226
24.5	3097.455	2990.247	2855.512	2752.650	2694.699
25.0	3077.173	2969.964	2829.434	2725.123	2667.173
25.5	3056.890	2946.784	2804.805	2699.045	2639.646
26.0	3035.159	2925.053	2778.727	2671.519	2613.568
26.5	3014.876	2901.872	2754.098	2645.441	2587.491

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CANDELA TABULATION - (Cont.)

27.0	2991.696	2880.141	2728.021	2619.364	2559.964
27.5	2969.964	2855.512	2703.392	2593.286	2530.989
28.0	2948.233	2832.332	2677.314	2567.208	2504.911
28.5	2926.501	2809.151	2651.236	2539.682	2478.834
29.0	2903.321	2784.523	2626.607	2512.155	2452.756
29.5	2878.692	2759.894	2600.530	2484.629	2426.678
30.0	2855.512	2735.265	2574.452	2458.551	2399.152
30.5	2830.883	2712.084	2549.823	2432.473	2371.625
31.0	2806.254	2687.455	2523.745	2404.947	2344.099
31.5	2780.176	2661.378	2496.219	2377.420	2318.021
32.0	2755.547	2636.749	2470.141	2349.894	2290.494
32.5	2729.470	2610.671	2444.063	2322.367	2262.968
33.0	2704.841	2584.593	2416.537	2294.841	2235.441
33.5	2678.763	2558.515	2390.459	2268.763	2207.915
34.0	2652.685	2532.438	2364.381	2241.236	2180.388
34.5	2628.056	2504.911	2335.406	2213.710	2152.862
35.0	2601.978	2478.834	2309.328	2184.735	2125.335
35.5	2575.901	2451.307	2281.802	2157.208	2099.258
36.0	2548.374	2425.229	2255.724	2131.130	2071.731
36.5	2522.296	2397.703	2228.198	2103.604	2045.653
37.0	2496.219	2370.176	2200.671	2074.629	2018.127
37.5	2468.692	2342.650	2173.145	2048.551	1993.498
38.0	2442.614	2315.123	2145.618	2021.024	1965.971
38.5	2415.088	2287.597	2119.540	1994.947	1939.894
39.0	2387.561	2260.070	2090.565	1967.420	1913.816
39.5	2360.035	2232.544	2063.039	1941.342	1887.738
40.0	2331.060	2205.017	2035.512	1913.816	1861.660
40.5	2302.084	2177.491	2007.986	1889.187	1837.032
41.0	2274.558	2149.964	1980.459	1863.109	1809.505
41.5	2245.583	2120.989	1952.933	1837.032	1783.427
42.0	2216.607	2093.463	1926.855	1809.505	1758.798
42.5	2189.081	2064.487	1899.328	1783.427	1732.721
43.0	2160.106	2036.961	1873.251	1758.798	1708.092
43.5	2131.130	2007.986	1844.275	1734.169	1683.463
44.0	2102.155	1980.459	1818.198	1708.092	1658.834
44.5	2073.180	1952.933	1790.671	1682.014	1634.205
45.0	2045.653	1923.957	1764.593	1657.385	1609.576
45.5	2016.678	1896.431	1738.516	1632.756	1584.947
46.0	1987.703	1868.904	1712.438	1608.127	1561.767
46.5	1960.176	1839.929	1684.911	1583.498	1537.138
47.0	1931.201	1812.403	1658.834	1558.869	1513.957
47.5	1903.675	1784.876	1634.205	1532.791	1490.777
48.0	1874.699	1757.350	1608.127	1509.611	1466.148
48.5	1845.724	1729.823	1583.498	1484.982	1443.837
49.0	1818.198	1700.848	1555.971	1461.802	1420.512
49.5	1789.222	1673.321	1531.343	1437.028	1397.187
50.0	1761.696	1647.244	1505.265	1412.834	1373.862
50.5	1732.721	1619.717	1480.636	1389.943	1351.696
51.0	1705.194	1592.191	1454.558	1367.487	1329.675
51.5	1676.219	1564.664	1430.074	1344.597	1305.625
52.0	1648.692	1538.586	1404.576	1320.982	1283.025
52.5	1619.717	1511.060	1379.367	1297.367	1261.293
53.0	1592.191	1484.982	1354.449	1274.042	1238.113
53.5	1563.215	1458.904	1330.689	1252.166	1217.106
54.0	1535.689	1431.523	1306.639	1230.579	1194.940
54.5	1508.162	1404.721	1282.155	1208.413	1173.208

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CANDELA TABULATION - (Cont.)

55.0	1479.187	1378.498	1257.816	1185.523	1151.477
55.5	1451.661	1352.565	1234.201	1162.343	1129.311
56.0	1423.989	1326.777	1211.166	1140.032	1108.304
56.5	1396.897	1301.279	1187.696	1119.025	1087.442
57.0	1369.661	1275.491	1164.516	1098.307	1067.449
57.5	1343.003	1250.282	1142.060	1076.431	1046.731
58.0	1316.491	1225.509	1119.169	1054.120	1025.434
58.5	1290.848	1200.735	1095.844	1032.244	1004.717
59.0	1264.625	1176.685	1072.664	1011.092	985.304
59.5	1238.837	1152.636	1050.063	990.374	965.311
60.0	1212.904	1128.876	1028.332	970.237	944.738
60.5	1187.696	1105.116	1006.890	949.954	924.601
61.0	1162.632	1081.212	985.159	929.237	905.187
61.5	1137.424	1057.307	962.558	908.374	885.194
62.0	1112.215	1034.127	940.537	887.802	865.201
62.5	1087.152	1011.237	919.675	867.954	845.788
63.0	1061.943	987.911	899.682	848.540	826.809
63.5	1036.590	964.731	879.689	830.286	807.830
64.0	1011.381	941.406	859.116	812.032	788.851
64.5	986.173	918.226	837.820	792.328	770.307
65.0	960.820	895.336	816.957	771.756	752.053
65.5	935.611	872.300	797.254	753.212	734.088
66.0	910.548	849.265	777.986	736.551	716.848
66.5	885.339	826.374	758.427	719.456	699.318
67.0	860.275	803.774	738.000	700.912	681.353
67.5	835.357	781.318	717.427	680.919	663.099
68.0	810.438	758.572	696.855	660.346	644.410
68.5	785.809	735.972	676.427	641.223	625.866
69.0	761.470	713.371	657.014	623.403	607.901
69.5	737.131	691.350	637.890	605.728	589.791
70.0	712.936	669.329	617.608	586.314	570.668
70.5	689.177	647.162	596.890	565.452	551.689
71.0	665.272	624.996	576.463	545.459	533.000
71.5	641.802	603.120	556.470	527.495	514.890
72.0	618.477	581.968	537.346	510.834	497.360
72.5	595.442	561.106	518.947	493.594	480.555
73.0	572.841	540.389	500.258	475.194	463.459
73.5	550.385	519.526	480.989	456.795	445.784
74.0	528.364	498.954	461.721	439.120	428.979
74.5	506.632	478.816	443.466	422.459	413.187
75.0	485.336	459.258	425.936	406.088	396.961
75.5	464.329	439.844	408.696	389.572	380.300
76.0	443.611	420.576	391.021	373.201	364.509
76.5	423.184	401.162	373.491	356.396	349.007
77.0	402.901	382.184	355.816	339.880	332.926
77.5	383.053	363.495	339.011	323.654	316.555
78.0	363.205	344.950	322.640	307.862	301.053
78.5	343.647	326.696	306.269	292.215	286.276
79.0	324.668	308.876	289.897	276.859	271.643
79.5	305.834	291.346	273.816	261.791	257.155
80.0	287.435	274.106	258.170	246.724	242.523
80.5	269.180	257.155	242.668	231.802	227.601
81.0	251.505	240.495	227.021	217.170	212.968
81.5	234.265	224.269	211.954	202.972	199.060
82.0	217.314	208.622	197.611	189.353	185.731
82.5	200.799	193.265	183.413	176.170	172.837

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CANDELA TABULATION - (Cont.)

83.0	184.572	178.053	169.505	162.841	160.233
83.5	168.636	162.986	155.452	149.657	147.629
84.0	153.134	148.498	141.399	136.618	134.735
84.5	138.067	134.300	127.781	123.869	122.276
85.0	123.290	120.392	115.032	111.555	110.830
85.5	108.802	106.629	102.572	99.965	100.110
86.0	94.749	93.011	90.403	89.244	89.244
86.5	81.131	79.972	78.233	77.943	78.233
87.0	67.802	67.367	66.353	66.353	66.788
87.5	55.053	54.618	54.763	55.488	55.777
88.0	42.739	43.028	44.332	45.346	45.781
88.5	31.293	32.307	34.770	35.060	35.350
89.0	21.152	22.746	24.194	21.876	21.731
89.5	14.633	15.067	11.300	10.721	11.880
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-L10-830-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-L10-830-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-L10-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1251.14	N.A.	15.70
0-30	2561.44	N.A.	32.10
0-40	4020.23	N.A.	50.40
0-60	6554.9	N.A.	82.20
0-80	7843.65	N.A.	98.30
0-90	7975.66	N.A.	100.00
10-90	7644.16	N.A.	95.80
20-40	2769.1	N.A.	34.70
20-50	4153.39	N.A.	52.10
40-70	3362.84	N.A.	42.20
60-80	1288.76	N.A.	16.20
70-80	460.58	N.A.	5.80
80-90	132.01	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	7975.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	331.50
10-20	919.64
20-30	1310.3
30-40	1458.8
40-50	1384.29
50-60	1150.37
60-70	828.18
70-80	460.58
80-90	132.01
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-L10-830-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-L10-830-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	22.3	23.9	22.7	24.2	24.5	21.2	22.7	21.5	23.0	23.3
	3H	24.0	25.5	24.4	25.8	26.1	22.8	24.2	23.2	24.6	24.9
	4H	24.6	26.0	25.0	26.3	26.7	23.4	24.8	23.8	25.1	25.5
	6H	25.1	26.3	25.5	26.7	27.1	23.9	25.1	24.3	25.5	25.9
	8H	25.2	26.4	25.7	26.8	27.2	24.0	25.2	24.5	25.6	26.0
	12H	25.3	26.5	25.8	26.8	27.3	24.1	25.3	24.6	25.7	26.1

UGR Viewed Endwise

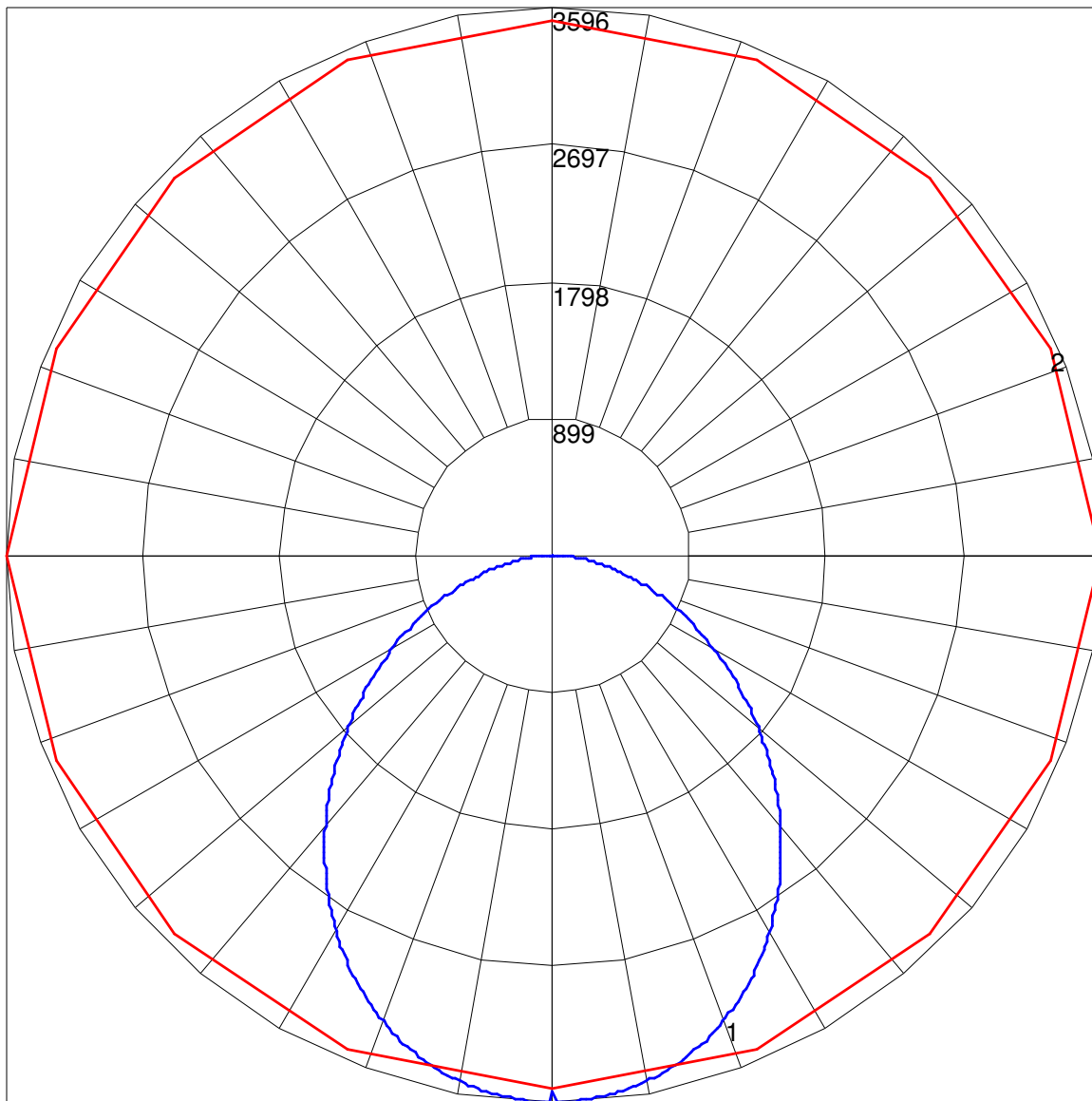
4H	2H	22.8	24.1	23.2	24.4	24.8	21.8	23.1	22.2	23.5	23.9
	3H	24.7	25.8	25.1	26.2	26.6	23.7	24.8	24.1	25.2	25.6
	4H	25.5	26.5	25.9	26.9	27.3	24.4	25.4	24.9	25.9	26.3
	6H	26.0	26.9	26.5	27.4	27.8	25.0	25.9	25.5	26.3	26.8
	8H	26.2	27.0	26.7	27.5	28.0	25.2	26.0	25.7	26.5	26.9
	12H	26.4	27.1	26.9	27.6	28.1	25.4	26.1	25.9	26.6	27.0

8H	4H	25.7	26.5	26.1	26.9	27.4	24.8	25.6	25.2	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.5	26.1	26.0	26.6	27.1
	8H	26.6	27.2	27.1	27.7	28.2	25.7	26.3	26.2	26.9	27.3
	12H	26.9	27.4	27.4	27.9	28.4	26.0	26.5	26.5	27.0	27.6

12H	4H	25.7	26.4	26.2	26.9	27.4	24.8	25.5	25.3	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.5	26.2	26.1	26.6	27.2
	8H	26.7	27.3	27.2	27.8	28.3	25.9	26.4	26.4	26.9	27.5

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 3595.83 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.)