



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-950-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-L8-950-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	5696
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
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	16631	14346	13086
55	14825	12607	11541
65	13070	11113	10230
75	10780	9461	8817
85	8132	7587	7310

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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	2523.624	2523.624	2523.624	2523.624	2523.624
0.5	2568.115	2525.693	2511.207	2517.415	2504.999
1.0	2568.115	2524.658	2511.207	2517.415	2503.964
1.5	2567.081	2524.658	2510.172	2516.381	2502.930
2.0	2566.046	2522.589	2508.103	2515.346	2499.825
2.5	2565.011	2520.519	2507.068	2512.242	2497.756
3.0	2562.942	2518.450	2503.964	2510.172	2493.617
3.5	2560.873	2516.381	2500.860	2506.034	2489.479
4.0	2558.803	2514.311	2497.756	2502.930	2486.374
4.5	2556.734	2511.207	2494.652	2498.791	2481.201
5.0	2554.664	2508.103	2489.479	2493.617	2476.027
5.5	2550.526	2503.964	2485.340	2487.409	2468.785
6.0	2547.422	2499.825	2480.166	2482.236	2462.576
6.5	2544.317	2496.721	2474.993	2474.993	2455.334
7.0	2540.179	2491.548	2469.819	2467.750	2448.091
7.5	2536.040	2487.409	2463.611	2460.507	2439.813
8.0	2531.901	2481.201	2457.403	2452.229	2432.570
8.5	2526.728	2476.027	2450.160	2443.952	2423.258
9.0	2521.554	2470.854	2442.917	2434.640	2413.946
9.5	2516.381	2464.646	2434.640	2424.293	2403.599
10.0	2511.207	2458.438	2426.362	2414.980	2394.287
10.5	2504.999	2452.229	2418.085	2404.633	2381.870
11.0	2498.791	2444.987	2408.772	2394.287	2370.488
11.5	2491.548	2437.744	2399.460	2382.905	2359.107
12.0	2484.305	2429.466	2389.113	2371.523	2346.690
12.5	2478.097	2421.189	2378.766	2359.107	2333.239
13.0	2469.819	2412.911	2368.419	2346.690	2320.823
13.5	2461.542	2403.599	2357.037	2333.239	2307.372
14.0	2454.299	2394.287	2346.690	2320.823	2293.921
14.5	2444.987	2384.974	2334.274	2307.372	2279.435
15.0	2436.709	2375.662	2322.892	2292.886	2265.984
15.5	2427.397	2365.315	2309.441	2278.401	2250.464
16.0	2420.154	2356.003	2297.025	2263.915	2234.943
16.5	2412.911	2345.656	2283.574	2248.394	2219.423
17.0	2403.599	2335.309	2270.123	2232.874	2203.902
17.5	2390.148	2324.962	2256.672	2217.353	2187.347
18.0	2377.731	2315.650	2243.221	2200.798	2169.757
18.5	2365.315	2303.233	2228.735	2184.243	2152.168
19.0	2354.968	2289.782	2214.249	2166.653	2134.578
19.5	2343.586	2276.331	2199.764	2149.064	2115.953
20.0	2332.205	2262.880	2184.243	2132.508	2096.294
20.5	2319.788	2249.429	2169.757	2114.919	2077.670
21.0	2307.372	2237.013	2154.237	2096.294	2058.010
21.5	2294.956	2223.562	2138.717	2078.704	2039.386
22.0	2281.505	2209.076	2122.161	2060.080	2019.727
22.5	2269.088	2195.625	2106.641	2040.420	2001.102
23.0	2254.603	2181.139	2092.155	2021.796	1982.478
23.5	2241.151	2165.619	2075.600	2003.171	1962.818
24.0	2226.666	2151.133	2056.976	1984.547	1944.194
24.5	2212.180	2135.613	2039.386	1965.922	1924.535
25.0	2197.694	2121.127	2020.761	1946.263	1904.875
25.5	2183.209	2104.572	2003.171	1927.639	1885.216
26.0	2167.688	2089.051	1984.547	1907.979	1866.592
26.5	2153.202	2072.496	1966.957	1889.355	1847.967

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**CANDELA TABULATION - (Cont.)**

27.0	2136.647	2056.976	1948.333	1870.730	1828.308
27.5	2121.127	2039.386	1930.743	1852.106	1807.614
28.0	2105.606	2022.831	1912.118	1833.481	1788.989
28.5	2090.086	2006.276	1893.494	1813.822	1770.365
29.0	2073.531	1988.686	1875.904	1794.163	1751.740
29.5	2055.941	1971.096	1857.279	1774.504	1733.116
30.0	2039.386	1953.506	1838.655	1755.879	1713.457
30.5	2021.796	1936.951	1821.065	1737.255	1693.797
31.0	2004.206	1919.361	1802.440	1717.595	1674.138
31.5	1985.582	1900.737	1782.781	1697.936	1655.514
32.0	1967.992	1883.147	1764.157	1678.277	1635.854
32.5	1949.367	1864.522	1745.532	1658.618	1616.195
33.0	1931.777	1845.898	1725.873	1638.958	1596.536
33.5	1913.153	1827.273	1707.248	1620.334	1576.877
34.0	1894.528	1808.649	1688.624	1600.675	1557.217
34.5	1876.939	1788.989	1667.930	1581.015	1537.558
35.0	1858.314	1770.365	1649.305	1560.322	1517.899
35.5	1839.689	1750.706	1629.646	1540.662	1499.274
36.0	1820.030	1732.081	1611.022	1522.038	1479.615
36.5	1801.406	1712.422	1591.362	1502.379	1460.991
37.0	1782.781	1692.763	1571.703	1481.685	1441.332
37.5	1763.122	1673.103	1552.044	1463.060	1423.742
38.0	1744.497	1653.444	1532.385	1443.401	1404.082
38.5	1724.838	1633.785	1513.760	1424.776	1385.458
39.0	1705.179	1614.126	1493.066	1405.117	1366.833
39.5	1685.520	1594.467	1473.407	1386.493	1348.209
40.0	1664.826	1574.807	1453.748	1366.833	1329.584
40.5	1644.132	1555.148	1434.089	1349.244	1311.995
41.0	1624.473	1535.489	1414.429	1330.619	1292.335
41.5	1603.779	1514.795	1394.770	1311.995	1273.711
42.0	1583.085	1495.136	1376.146	1292.335	1256.121
42.5	1563.426	1474.442	1356.486	1273.711	1237.496
43.0	1542.732	1454.783	1337.862	1256.121	1219.907
43.5	1522.038	1434.089	1317.168	1238.531	1202.317
44.0	1501.344	1414.429	1298.543	1219.907	1184.727
44.5	1480.650	1394.770	1278.884	1201.282	1167.137
45.0	1460.991	1374.076	1260.260	1183.692	1149.547
45.5	1440.297	1354.417	1241.635	1166.102	1131.957
46.0	1419.603	1334.758	1223.011	1148.513	1115.402
46.5	1399.944	1314.064	1203.351	1130.923	1097.812
47.0	1379.250	1294.405	1184.727	1113.333	1081.257
47.5	1359.591	1274.745	1167.137	1094.708	1064.702
48.0	1338.897	1255.086	1148.513	1078.153	1047.112
48.5	1318.203	1235.427	1130.923	1060.563	1031.178
49.0	1298.543	1214.733	1111.263	1044.008	1014.519
49.5	1277.850	1195.074	1093.674	1026.315	997.861
50.0	1258.190	1176.449	1075.049	1009.036	981.202
50.5	1237.496	1156.790	1057.459	992.687	965.371
51.0	1217.837	1137.131	1038.835	976.650	949.644
51.5	1197.143	1117.472	1021.348	960.301	932.468
52.0	1177.484	1098.847	1003.138	943.436	916.327
52.5	1156.790	1079.188	985.134	926.570	900.806
53.0	1137.131	1060.563	967.337	909.912	884.251
53.5	1116.437	1041.939	950.368	894.288	869.248
54.0	1096.778	1022.383	933.192	878.871	853.417
54.5	1077.119	1003.241	915.706	863.040	837.897

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**CANDELA TABULATION - (Cont.)**

55.0	1056.425	984.513	898.323	846.692	822.376
55.5	1036.765	965.992	881.458	830.137	806.546
56.0	1017.003	947.575	865.006	814.202	791.542
56.5	997.654	929.364	848.244	799.199	776.643
57.0	978.202	910.946	831.689	784.403	762.364
57.5	959.163	892.943	815.651	768.779	747.568
58.0	940.228	875.249	799.303	752.845	732.358
58.5	921.914	857.556	782.644	737.221	717.562
59.0	903.186	840.380	766.089	722.114	703.697
59.5	884.769	823.204	749.948	707.318	689.418
60.0	866.247	806.235	734.427	692.936	674.725
60.5	848.244	789.266	719.114	678.450	660.343
61.0	830.344	772.194	703.593	663.654	646.478
61.5	812.340	755.121	687.452	648.754	632.199
62.0	794.336	738.566	671.725	634.062	617.920
62.5	776.436	722.218	656.825	619.886	604.056
63.0	758.432	705.559	642.546	606.021	590.501
63.5	740.325	689.004	628.267	592.984	576.946
64.0	722.321	672.345	613.575	579.947	563.392
64.5	704.318	655.790	598.365	565.875	550.148
65.0	686.210	639.442	583.465	551.183	537.111
65.5	668.207	622.990	569.393	537.938	524.280
66.0	650.306	606.539	555.632	526.039	511.968
66.5	632.303	590.191	541.663	513.830	499.448
67.0	614.402	574.049	527.074	500.586	486.618
67.5	596.606	558.012	512.381	486.307	473.580
68.0	578.809	541.767	497.689	471.614	460.233
68.5	561.219	525.626	483.100	457.956	446.989
69.0	543.836	509.484	469.235	445.230	434.158
69.5	526.453	493.757	455.577	432.606	421.225
70.0	509.174	478.030	441.091	418.741	407.567
70.5	492.205	462.199	426.295	403.842	394.012
71.0	475.132	446.368	411.706	389.563	380.665
71.5	458.370	430.744	397.427	376.733	367.731
72.0	441.712	415.637	383.769	364.834	355.211
72.5	425.260	400.738	370.628	352.521	343.209
73.0	409.119	385.942	357.281	339.380	330.999
73.5	393.081	371.042	343.519	326.240	318.376
74.0	377.354	356.349	329.758	313.616	306.373
74.5	361.833	341.967	316.720	301.717	295.095
75.0	346.623	327.999	304.201	290.025	283.507
75.5	331.620	314.134	291.888	278.230	271.608
76.0	316.824	300.372	279.264	266.538	260.330
76.5	302.235	286.507	266.745	254.535	249.258
77.0	287.749	272.953	254.121	242.740	237.773
77.5	273.574	259.605	242.119	231.151	226.081
78.0	259.398	246.361	230.427	219.873	215.010
78.5	245.430	233.324	218.735	208.698	204.456
79.0	231.875	220.597	207.043	197.730	194.005
79.5	218.424	208.077	195.558	186.970	183.659
80.0	205.284	195.764	184.383	176.209	173.208
80.5	192.247	183.659	173.312	165.551	162.551
81.0	179.623	171.760	162.137	155.101	152.100
81.5	167.310	160.171	151.376	144.961	142.167
82.0	155.204	148.996	141.133	135.235	132.648
82.5	143.409	138.028	130.993	125.819	123.439

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**CANDELA TABULATION - (Cont.)**

83.0	131.820	127.164	121.059	116.300	114.437
83.5	120.439	116.403	111.023	106.884	105.436
84.0	109.367	106.056	100.986	97.572	96.227
84.5	98.607	95.916	91.260	88.467	87.328
85.0	88.053	85.983	82.155	79.672	79.154
85.5	77.706	76.154	73.256	71.394	71.497
86.0	67.669	66.427	64.565	63.737	63.737
86.5	57.943	57.115	55.874	55.667	55.874
87.0	48.424	48.113	47.389	47.389	47.699
87.5	39.318	39.008	39.112	39.629	39.836
88.0	30.524	30.730	31.662	32.386	32.696
88.5	22.349	23.074	24.833	25.040	25.247
89.0	15.107	16.245	17.279	15.624	15.520
89.5	10.450	10.761	8.071	7.657	8.485
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-L8-950-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-L8-950-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-L8-950-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	893.55	N.A.	15.70
0-30	1829.36	N.A.	32.10
0-40	2871.22	N.A.	50.40
0-60	4681.46	N.A.	82.20
0-80	5601.88	N.A.	98.30
0-90	5696.16	N.A.	100.00
10-90	5459.4	N.A.	95.80
20-40	1977.67	N.A.	34.70
20-50	2966.32	N.A.	52.10
40-70	2401.72	N.A.	42.20
60-80	920.42	N.A.	16.20
70-80	328.94	N.A.	5.80
80-90	94.28	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	5696.16	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	236.76
10-20	656.80
20-30	935.81
30-40	1041.86
40-50	988.65
50-60	821.59
60-70	591.48
70-80	328.94
80-90	94.28
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-L8-950-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-L8-950-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	21.2	22.8	21.6	23.1	23.4	20.1	21.6	20.4	21.9	22.2
	3H	22.9	24.3	23.3	24.7	25.0	21.7	23.1	22.1	23.5	23.8
	4H	23.5	24.9	23.9	25.2	25.6	22.3	23.7	22.7	24.0	24.4
	6H	24.0	25.2	24.4	25.6	26.0	22.8	24.0	23.2	24.4	24.8
	8H	24.1	25.3	24.6	25.7	26.1	22.9	24.1	23.4	24.5	24.9
	12H	24.2	25.4	24.7	25.7	26.2	23.0	24.2	23.5	24.6	25.0

UGR Viewed Endwise

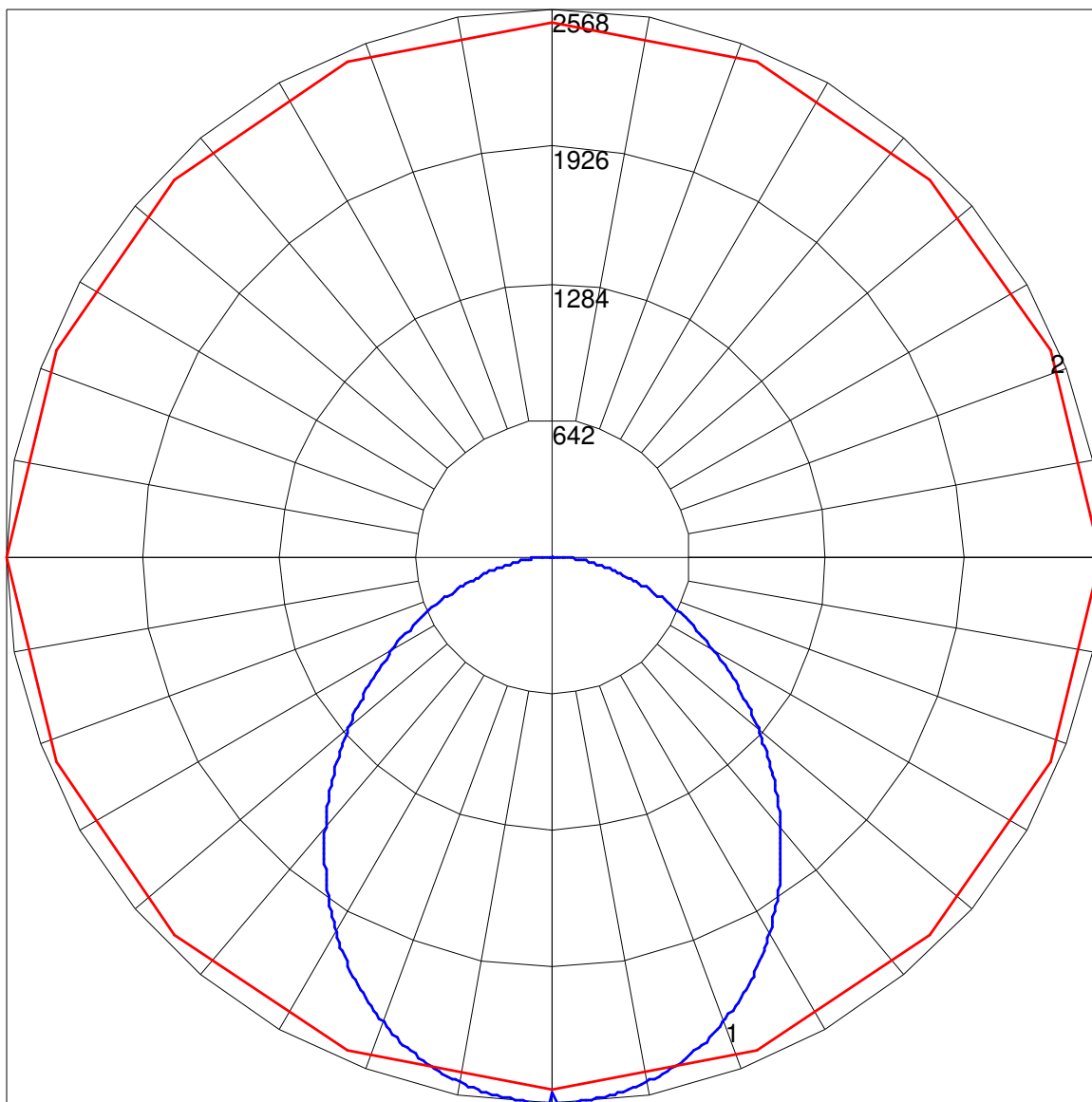
4H	2H	21.7	23.0	22.1	23.3	23.7	20.7	22.0	21.1	22.4	22.8
	3H	23.6	24.7	24.0	25.1	25.5	22.6	23.7	23.0	24.1	24.5
	4H	24.4	25.4	24.8	25.8	26.2	23.3	24.3	23.8	24.8	25.2
	6H	24.9	25.8	25.4	26.3	26.7	23.9	24.8	24.4	25.2	25.7
	8H	25.1	25.9	25.6	26.4	26.9	24.1	24.9	24.6	25.4	25.8
	12H	25.3	26.0	25.8	26.5	27.0	24.3	25.0	24.8	25.5	25.9

8H	4H	24.6	25.4	25.0	25.8	26.3	23.7	24.5	24.1	24.9	25.4
	6H	25.3	25.9	25.8	26.4	26.9	24.4	25.0	24.9	25.5	26.0
	8H	25.5	26.1	26.0	26.6	27.1	24.6	25.2	25.1	25.8	26.2
	12H	25.8	26.3	26.3	26.8	27.3	24.9	25.4	25.4	25.9	26.5

12H	4H	24.6	25.3	25.1	25.8	26.3	23.7	24.4	24.2	24.9	25.4
	6H	25.3	25.9	25.8	26.4	26.9	24.4	25.1	25.0	25.5	26.1
	8H	25.6	26.2	26.1	26.7	27.2	24.8	25.3	25.3	25.8	26.4

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 2568.115 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.)