



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-8-L8-940-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-L8-940-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	5504
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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	16070	13862	12645
55	14326	12182	11152
65	12629	10738	9885
75	10417	9142	8520
85	7858	7332	7064

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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	2438.557	2438.557	2438.557	2438.557	2438.557
0.5	2481.549	2440.557	2426.559	2432.558	2420.560
1.0	2481.549	2439.557	2426.559	2432.558	2419.560
1.5	2480.549	2439.557	2425.559	2431.558	2418.561
2.0	2479.549	2437.557	2423.560	2430.558	2415.561
2.5	2478.550	2435.557	2422.560	2427.559	2413.561
3.0	2476.550	2433.558	2419.560	2425.559	2409.562
3.5	2474.550	2431.558	2416.561	2421.560	2405.563
4.0	2472.551	2429.559	2413.561	2418.561	2402.563
4.5	2470.551	2426.559	2410.562	2414.561	2397.564
5.0	2468.551	2423.560	2405.563	2409.562	2392.565
5.5	2464.552	2419.560	2401.564	2403.563	2385.567
6.0	2461.553	2415.561	2396.565	2398.564	2379.568
6.5	2458.553	2412.562	2391.565	2391.565	2372.569
7.0	2454.554	2407.563	2386.566	2384.567	2365.570
7.5	2450.555	2403.563	2380.567	2377.568	2357.572
8.0	2446.555	2397.564	2374.569	2369.569	2350.573
8.5	2441.556	2392.565	2367.570	2361.571	2341.575
9.0	2436.557	2387.566	2360.571	2352.573	2332.576
9.5	2431.558	2381.567	2352.573	2342.574	2322.578
10.0	2426.559	2375.568	2344.574	2333.576	2313.580
10.5	2420.560	2369.569	2336.575	2323.578	2301.582
11.0	2414.561	2362.571	2327.577	2313.580	2290.584
11.5	2407.563	2355.572	2318.579	2302.582	2279.586
12.0	2400.564	2347.573	2308.581	2291.584	2267.588
12.5	2394.565	2339.575	2298.582	2279.586	2254.590
13.0	2386.566	2331.576	2288.584	2267.588	2242.593
13.5	2378.568	2322.578	2277.586	2254.590	2229.595
14.0	2371.569	2313.580	2267.588	2242.593	2216.597
14.5	2362.571	2304.581	2255.590	2229.595	2202.600
15.0	2354.572	2295.583	2244.592	2215.597	2189.602
15.5	2345.574	2285.585	2231.595	2201.600	2174.605
16.0	2338.575	2276.586	2219.597	2187.602	2159.608
16.5	2331.576	2266.588	2206.599	2172.605	2144.610
17.0	2322.578	2256.590	2193.601	2157.608	2129.613
17.5	2309.580	2246.592	2180.604	2142.611	2113.616
18.0	2297.583	2237.593	2167.606	2126.614	2096.619
18.5	2285.585	2225.596	2153.609	2110.616	2079.622
19.0	2275.587	2212.598	2139.611	2093.620	2062.625
19.5	2264.589	2199.600	2125.614	2076.623	2044.628
20.0	2253.591	2186.603	2110.616	2060.626	2025.632
20.5	2241.593	2173.605	2096.619	2043.629	2007.635
21.0	2229.595	2161.607	2081.622	2025.632	1988.639
21.5	2217.597	2148.610	2066.624	2008.635	1970.642
22.0	2204.599	2134.612	2050.627	1990.638	1951.645
22.5	2192.602	2121.614	2035.630	1971.642	1933.649
23.0	2178.604	2107.617	2021.633	1953.645	1915.652
23.5	2165.606	2092.620	2005.636	1935.648	1896.655
24.0	2151.609	2078.622	1987.639	1917.652	1878.659
24.5	2137.612	2063.625	1970.642	1899.655	1859.662
25.0	2123.614	2049.628	1952.645	1880.658	1840.666
25.5	2109.617	2033.630	1935.648	1862.662	1821.669
26.0	2094.619	2018.633	1917.652	1843.665	1803.672
26.5	2080.622	2002.636	1900.655	1825.668	1785.676

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CANDELA TABULATION - (Cont.)

27.0	2064.625	1987.639	1882.658	1807.672	1766.679
27.5	2049.628	1970.642	1865.661	1789.675	1746.683
28.0	2034.630	1954.645	1847.664	1771.678	1728.686
28.5	2019.633	1938.648	1829.668	1752.682	1710.689
29.0	2003.636	1921.651	1812.671	1733.685	1692.692
29.5	1986.639	1904.654	1794.674	1714.688	1674.696
30.0	1970.642	1887.657	1776.677	1696.692	1655.699
30.5	1953.645	1871.660	1759.680	1678.695	1636.703
31.0	1936.648	1854.663	1741.684	1659.698	1617.706
31.5	1918.651	1836.666	1722.687	1640.702	1599.709
32.0	1901.654	1819.669	1704.690	1621.705	1580.713
32.5	1883.658	1801.673	1686.694	1602.709	1561.716
33.0	1866.661	1783.676	1667.697	1583.712	1542.720
33.5	1848.664	1765.679	1649.700	1565.715	1523.723
34.0	1830.667	1747.682	1631.704	1546.719	1504.727
34.5	1813.670	1728.686	1611.707	1527.722	1485.730
35.0	1795.674	1710.689	1593.710	1507.726	1466.733
35.5	1777.677	1691.693	1574.714	1488.729	1448.737
36.0	1758.680	1673.696	1556.717	1470.733	1429.740
36.5	1740.684	1654.699	1537.721	1451.736	1411.743
37.0	1722.687	1635.703	1518.724	1431.740	1392.747
37.5	1703.690	1616.706	1499.727	1413.743	1375.750
38.0	1685.694	1597.710	1480.731	1394.747	1356.753
38.5	1666.697	1578.713	1462.734	1376.750	1338.757
39.0	1647.701	1559.717	1442.738	1357.753	1320.760
39.5	1628.704	1540.720	1423.741	1339.757	1302.763
40.0	1608.708	1521.723	1404.745	1320.760	1284.767
40.5	1588.711	1502.727	1385.748	1303.763	1267.770
41.0	1569.715	1483.730	1366.752	1285.766	1248.773
41.5	1549.718	1463.734	1347.755	1267.770	1230.776
42.0	1529.722	1444.737	1329.758	1248.773	1213.779
42.5	1510.725	1424.741	1310.762	1230.776	1195.783
43.0	1490.729	1405.745	1292.765	1213.779	1178.786
43.5	1470.733	1385.748	1272.769	1196.783	1161.789
44.0	1450.736	1366.752	1254.772	1178.786	1144.792
44.5	1430.740	1347.755	1235.775	1160.789	1127.795
45.0	1411.743	1327.759	1217.779	1143.792	1110.798
45.5	1391.747	1308.762	1199.782	1126.795	1093.801
46.0	1371.751	1289.766	1181.785	1109.798	1077.804
46.5	1352.754	1269.769	1162.789	1092.801	1060.807
47.0	1332.758	1250.773	1144.792	1075.805	1044.810
47.5	1313.761	1231.776	1127.795	1057.808	1028.813
48.0	1293.765	1212.780	1109.798	1041.811	1011.816
48.5	1273.769	1193.783	1092.801	1024.814	996.419
49.0	1254.772	1173.787	1073.805	1008.817	980.322
49.5	1234.776	1154.790	1056.808	991.720	964.225
50.0	1215.779	1136.793	1038.811	975.023	948.128
50.5	1195.783	1117.797	1021.814	959.226	932.830
51.0	1176.786	1098.800	1003.818	943.729	917.633
51.5	1156.790	1079.804	986.921	927.931	901.036
52.0	1137.793	1061.807	969.324	911.634	885.439
52.5	1117.797	1042.811	951.927	895.337	870.442
53.0	1098.800	1024.814	934.730	879.240	854.445
53.5	1078.804	1006.817	918.333	864.143	839.947
54.0	1059.807	987.920	901.736	849.246	824.650
54.5	1040.811	969.424	884.839	833.948	809.653

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CANDELA TABULATION - (Cont.)

55.0	1020.815	951.327	868.042	818.151	794.656
55.5	1001.818	933.430	851.745	802.154	779.358
56.0	982.721	915.634	835.848	786.757	764.861
56.5	964.025	898.037	819.651	772.260	750.464
57.0	945.228	880.240	803.654	757.962	736.666
57.5	926.832	862.843	788.157	742.865	722.369
58.0	908.535	845.746	772.360	727.468	707.671
58.5	890.838	828.649	756.263	712.371	693.374
59.0	872.741	812.052	740.265	697.773	679.976
59.5	854.945	795.455	724.668	683.476	666.179
60.0	837.048	779.058	709.671	669.578	651.982
60.5	819.651	762.661	694.874	655.581	638.084
61.0	802.354	746.164	679.876	641.283	624.686
61.5	784.957	729.667	664.279	626.886	610.889
62.0	767.561	713.670	649.082	612.689	597.092
62.5	750.264	697.873	634.685	598.991	583.694
63.0	732.867	681.776	620.887	585.594	570.596
63.5	715.370	665.779	607.090	572.996	557.499
64.0	697.973	649.682	592.892	560.398	544.401
64.5	680.576	633.685	578.195	546.801	531.603
65.0	663.080	617.888	563.798	532.603	519.006
65.5	645.683	601.991	550.200	519.806	506.608
66.0	628.386	586.094	536.902	508.308	494.710
66.5	610.989	570.296	523.405	496.510	482.612
67.0	593.692	554.699	509.307	483.712	470.215
67.5	576.495	539.202	495.110	469.915	457.617
68.0	559.298	523.505	480.913	455.717	444.719
68.5	542.301	507.908	466.815	442.520	431.922
69.0	525.505	492.311	453.418	430.222	419.524
69.5	508.708	477.113	440.220	418.024	407.026
70.0	492.011	461.916	426.223	404.626	393.828
70.5	475.614	446.619	411.925	390.229	380.731
71.0	459.117	431.322	397.828	376.432	367.833
71.5	442.920	416.224	384.030	364.034	355.335
72.0	426.822	401.627	370.833	352.536	343.238
72.5	410.925	387.230	358.135	340.638	331.640
73.0	395.328	372.932	345.237	327.940	319.842
73.5	379.831	358.535	331.940	315.243	307.644
74.0	364.634	344.337	318.642	303.045	296.046
74.5	349.636	330.440	306.044	291.547	285.148
75.0	334.939	316.942	293.947	280.249	273.950
75.5	320.442	303.545	282.049	268.851	262.452
76.0	306.144	290.247	269.851	257.553	251.554
76.5	292.047	276.850	257.753	245.955	240.856
77.0	278.049	263.752	245.555	234.557	229.758
77.5	264.352	250.854	233.957	223.359	218.460
78.0	250.654	238.057	222.660	212.461	207.762
78.5	237.157	225.459	211.362	201.663	197.564
79.0	224.059	213.161	200.064	191.065	187.466
79.5	211.062	201.063	188.966	180.667	177.468
80.0	198.364	189.166	178.168	170.269	167.370
80.5	185.766	177.468	167.470	159.971	157.071
81.0	173.568	165.970	156.672	149.873	146.973
81.5	161.671	154.772	146.273	140.075	137.375
82.0	149.973	143.974	136.375	130.676	128.177
82.5	138.575	133.376	126.577	121.578	119.278

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CANDELA TABULATION - (Cont.)

83.0	127.377	122.878	116.979	112.380	110.580
83.5	116.379	112.480	107.281	103.281	101.881
84.0	105.681	102.481	97.582	94.283	92.983
84.5	95.283	92.683	88.184	85.484	84.385
85.0	85.085	83.085	79.386	76.986	76.486
85.5	75.086	73.587	70.787	68.987	69.087
86.0	65.388	64.188	62.389	61.589	61.589
86.5	55.990	55.190	53.990	53.790	53.990
87.0	46.791	46.492	45.792	45.792	46.092
87.5	37.993	37.693	37.793	38.293	38.493
88.0	29.495	29.695	30.594	31.294	31.594
88.5	21.596	22.296	23.996	24.196	24.396
89.0	14.597	15.697	16.697	15.097	14.997
89.5	10.098	10.398	7.799	7.399	8.199
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-L8-940-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-L8-940-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-L8-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	863.43	N.A.	15.70
0-30	1767.7	N.A.	32.10
0-40	2774.44	N.A.	50.40
0-60	4523.66	N.A.	82.20
0-80	5413.05	N.A.	98.30
0-90	5504.15	N.A.	100.00
10-90	5275.38	N.A.	95.80
20-40	1911.00	N.A.	34.70
20-50	2866.33	N.A.	52.10
40-70	2320.76	N.A.	42.20
60-80	889.39	N.A.	16.20
70-80	317.85	N.A.	5.80
80-90	91.10	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	5504.15	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	228.78
10-20	634.66
20-30	904.26
30-40	1006.74
40-50	955.33
50-60	793.89
60-70	571.54
70-80	317.85
80-90	91.10
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-L8-940-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-L8-940-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	21.0	22.6	21.4	22.9	23.2	19.9	21.4	20.2	21.7	22.0
	3H	22.7	24.2	23.1	24.5	24.8	21.5	22.9	21.9	23.3	23.6
	4H	23.3	24.7	23.7	25.0	25.4	22.1	23.5	22.5	23.8	24.2
	6H	23.8	25.0	24.2	25.4	25.8	22.6	23.8	23.0	24.2	24.6
	8H	23.9	25.1	24.4	25.5	25.9	22.7	23.9	23.2	24.3	24.7
	12H	24.0	25.2	24.5	25.5	26.0	22.8	24.0	23.3	24.4	24.8

UGR Viewed Endwise

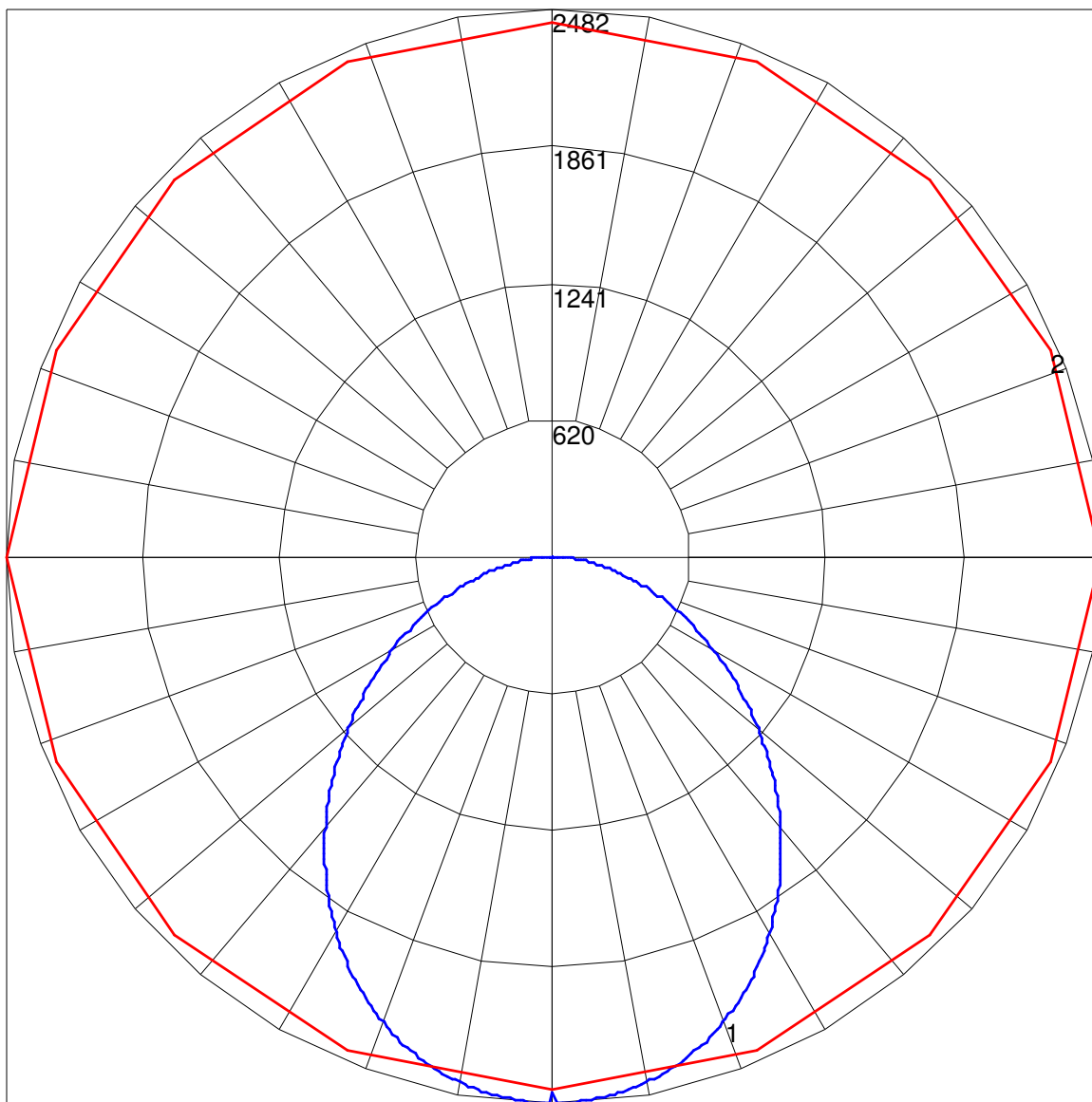
4H	2H	21.5	22.8	21.9	23.1	23.5	20.5	21.8	20.9	22.2	22.6
	3H	23.4	24.5	23.8	24.9	25.3	22.4	23.5	22.8	23.9	24.3
	4H	24.2	25.2	24.6	25.6	26.0	23.1	24.1	23.6	24.6	25.0
	6H	24.7	25.6	25.2	26.1	26.5	23.7	24.6	24.2	25.0	25.5
	8H	24.9	25.7	25.4	26.2	26.7	23.9	24.7	24.4	25.2	25.6
	12H	25.1	25.8	25.6	26.3	26.8	24.1	24.8	24.6	25.3	25.7

8H	4H	24.4	25.2	24.8	25.6	26.1	23.5	24.3	23.9	24.7	25.2
	6H	25.1	25.7	25.6	26.2	26.7	24.2	24.8	24.7	25.3	25.8
	8H	25.3	25.9	25.8	26.4	26.9	24.4	25.0	24.9	25.6	26.0
	12H	25.6	26.1	26.1	26.6	27.1	24.7	25.2	25.2	25.7	26.3

12H	4H	24.4	25.1	24.9	25.6	26.1	23.5	24.2	24.0	24.7	25.2
	6H	25.1	25.7	25.6	26.2	26.7	24.2	24.9	24.8	25.3	25.9
	8H	25.4	26.0	25.9	26.5	27.0	24.6	25.1	25.1	25.6	26.2

Maximum UGR = 27.1

POLAR GRAPH



Maximum Candela = 2481.549 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.)