



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L8-850-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 14853501.01  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUE DATE] 2023-07-25  
 [TEST DATE] 6/19/2023  
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
 [LUMCAT] LRX2-6-L8-850-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	5088
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	41.4
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)	6.00 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	19808	17086	15585
55	17657	15015	13745
65	15566	13235	12184
75	12839	11268	10501
85	9685	9037	8707

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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	2254.248	2254.248	2254.248	2254.248	2254.248
0.5	2293.990	2256.096	2243.157	2248.702	2237.611
1.0	2293.990	2255.172	2243.157	2248.702	2236.687
1.5	2293.066	2255.172	2242.232	2247.778	2235.762
2.0	2292.142	2253.323	2240.384	2246.854	2232.990
2.5	2291.218	2251.475	2239.459	2244.081	2231.141
3.0	2289.369	2249.626	2236.687	2242.232	2227.444
3.5	2287.521	2247.778	2233.914	2238.535	2223.747
4.0	2285.672	2245.929	2231.141	2235.762	2220.974
4.5	2283.824	2243.157	2228.368	2232.065	2216.353
5.0	2281.975	2240.384	2223.747	2227.444	2211.732
5.5	2278.278	2236.687	2220.050	2221.899	2205.262
6.0	2275.505	2232.990	2215.429	2217.277	2199.717
6.5	2272.733	2230.217	2210.808	2210.808	2193.247
7.0	2269.036	2225.596	2206.186	2204.338	2186.777
7.5	2265.339	2221.899	2200.641	2197.868	2179.383
8.0	2261.642	2216.353	2195.095	2190.474	2172.913
8.5	2257.020	2211.732	2188.626	2183.080	2164.595
9.0	2252.399	2207.111	2182.156	2174.762	2156.277
9.5	2247.778	2201.565	2174.762	2165.519	2147.034
10.0	2243.157	2196.020	2167.368	2157.201	2138.716
10.5	2237.611	2190.474	2159.974	2147.959	2127.625
11.0	2232.065	2184.004	2151.656	2138.716	2117.458
11.5	2225.596	2177.535	2143.337	2128.549	2107.292
12.0	2219.126	2170.141	2134.095	2118.383	2096.201
12.5	2213.580	2162.747	2124.852	2107.292	2084.185
13.0	2206.186	2155.353	2115.610	2096.201	2073.094
13.5	2198.792	2147.034	2105.443	2084.185	2061.079
14.0	2192.323	2138.716	2096.201	2073.094	2049.064
14.5	2184.004	2130.398	2085.110	2061.079	2036.124
15.0	2176.610	2122.080	2074.943	2048.140	2024.109
15.5	2168.292	2112.837	2062.928	2035.200	2010.245
16.0	2161.822	2104.519	2051.837	2022.261	1996.382
16.5	2155.353	2095.276	2039.821	2008.397	1982.518
17.0	2147.034	2086.034	2027.806	1994.533	1968.654
17.5	2135.019	2076.791	2015.791	1980.669	1953.866
18.0	2123.928	2068.473	2003.776	1965.881	1938.154
18.5	2112.837	2057.382	1990.836	1951.093	1922.442
19.0	2103.595	2045.367	1977.897	1935.381	1906.729
19.5	2093.428	2033.352	1964.957	1919.669	1890.093
20.0	2083.261	2021.336	1951.093	1904.881	1872.532
20.5	2072.170	2009.321	1938.154	1889.168	1855.895
21.0	2061.079	1998.230	1924.290	1872.532	1838.335
21.5	2049.988	1986.215	1910.426	1856.820	1821.698
22.0	2037.973	1973.275	1895.638	1840.183	1804.137
22.5	2026.882	1961.260	1881.774	1822.622	1787.501
23.0	2013.942	1948.321	1868.835	1805.986	1770.864
23.5	2001.927	1934.457	1854.047	1789.349	1753.304
24.0	1988.988	1921.517	1837.410	1772.713	1736.667
24.5	1976.048	1907.653	1821.698	1756.076	1719.106
25.0	1963.109	1894.714	1805.062	1738.516	1701.546
25.5	1950.169	1879.926	1789.349	1721.879	1683.985
26.0	1936.305	1866.062	1772.713	1704.318	1667.348
26.5	1923.366	1851.274	1757.001	1687.682	1650.712

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**CANDELA TABULATION - (Cont.)**

27.0	1908.578	1837.410	1740.364	1671.045	1633.151
27.5	1894.714	1821.698	1724.652	1654.409	1614.666
28.0	1880.850	1806.910	1708.015	1637.772	1598.029
28.5	1866.986	1792.122	1691.379	1620.212	1581.393
29.0	1852.198	1776.410	1675.667	1602.651	1564.756
29.5	1836.486	1760.698	1659.030	1585.090	1548.120
30.0	1821.698	1744.985	1642.394	1568.453	1530.559
30.5	1805.986	1730.197	1626.681	1551.817	1512.998
31.0	1790.274	1714.485	1610.045	1534.256	1495.438
31.5	1773.637	1697.849	1592.484	1516.695	1478.801
32.0	1757.925	1682.136	1575.847	1499.135	1461.240
32.5	1741.288	1665.500	1559.211	1481.574	1443.680
33.0	1725.576	1648.863	1541.650	1464.013	1426.119
33.5	1708.940	1632.227	1525.014	1447.377	1408.558
34.0	1692.303	1615.590	1508.377	1429.816	1390.997
34.5	1676.591	1598.029	1489.892	1412.255	1373.437
35.0	1659.954	1581.393	1473.256	1393.770	1355.876
35.5	1643.318	1563.832	1455.695	1376.209	1339.239
36.0	1625.757	1547.196	1439.058	1359.573	1321.679
36.5	1609.121	1529.635	1421.498	1342.012	1305.042
37.0	1592.484	1512.074	1403.937	1323.527	1287.481
37.5	1574.923	1494.513	1386.376	1306.891	1271.769
38.0	1558.287	1476.953	1368.815	1289.330	1254.208
38.5	1540.726	1459.392	1352.179	1272.693	1237.572
39.0	1523.165	1441.831	1333.694	1255.132	1220.935
39.5	1505.604	1424.270	1316.133	1238.496	1204.299
40.0	1487.119	1406.710	1298.572	1220.935	1187.662
40.5	1468.634	1389.149	1281.012	1205.223	1171.950
41.0	1451.074	1371.588	1263.451	1188.586	1154.389
41.5	1432.589	1353.103	1245.890	1171.950	1137.753
42.0	1414.104	1335.542	1229.253	1154.389	1122.040
42.5	1396.543	1317.057	1211.693	1137.753	1105.404
43.0	1378.058	1299.497	1195.056	1122.040	1089.692
43.5	1359.573	1281.012	1176.571	1106.328	1073.979
44.0	1341.088	1263.451	1159.935	1089.692	1058.267
44.5	1322.603	1245.890	1142.374	1073.055	1042.555
45.0	1305.042	1227.405	1125.737	1057.343	1026.843
45.5	1286.557	1209.844	1109.101	1041.631	1011.130
46.0	1268.072	1192.283	1092.464	1025.918	996.342
46.5	1250.511	1173.798	1074.904	1010.206	980.630
47.0	1232.026	1156.238	1058.267	994.494	965.842
47.5	1214.465	1138.677	1042.555	977.857	951.054
48.0	1195.980	1121.116	1025.918	963.069	935.342
48.5	1177.495	1103.555	1010.206	947.357	921.108
49.0	1159.935	1085.070	992.645	932.569	906.228
49.5	1141.450	1067.510	976.933	916.764	891.347
50.0	1123.889	1050.873	960.297	901.329	876.467
50.5	1105.404	1033.312	944.584	886.726	862.326
51.0	1087.843	1015.752	927.948	872.400	848.277
51.5	1069.358	998.191	912.328	857.797	832.935
52.0	1051.797	981.554	896.061	842.732	818.516
52.5	1033.312	963.994	879.979	827.667	804.653
53.0	1015.752	947.357	864.082	812.786	789.865
53.5	997.267	930.720	848.924	798.830	776.463
54.0	979.706	913.252	833.582	785.059	762.322
54.5	962.145	896.153	817.962	770.918	748.458

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**CANDELA TABULATION - (Cont.)**

55.0	943.660	879.425	802.434	756.314	734.594
55.5	926.099	862.880	787.369	741.526	720.453
56.0	908.446	846.429	772.674	727.293	707.052
56.5	891.163	830.162	757.701	713.891	693.743
57.0	873.787	813.710	742.913	700.674	680.988
57.5	856.780	797.628	728.587	686.718	667.771
58.0	839.867	781.824	713.984	672.485	654.185
58.5	823.507	766.019	699.103	658.529	640.968
59.0	806.778	750.676	684.315	645.035	628.583
59.5	790.327	735.334	669.897	631.818	615.828
60.0	773.783	720.176	656.033	618.971	602.704
60.5	757.701	705.018	642.354	606.031	589.857
61.0	741.711	689.768	628.490	592.814	577.472
61.5	725.629	674.518	614.072	579.505	564.717
62.0	709.547	659.730	600.024	566.381	551.963
62.5	693.558	645.127	586.714	553.719	539.578
63.0	677.476	630.247	573.960	541.334	527.470
63.5	661.301	615.459	561.205	529.688	515.362
64.0	645.219	600.578	548.081	518.043	503.255
64.5	629.137	585.790	534.494	505.473	491.424
65.0	612.963	571.187	521.185	492.348	479.779
65.5	596.881	556.491	508.615	480.518	468.318
66.0	580.892	541.796	496.323	469.889	457.319
66.5	564.810	527.193	483.845	458.983	446.136
67.0	548.820	512.774	470.813	447.152	434.675
67.5	532.923	498.448	457.689	434.398	423.030
68.0	517.026	483.938	444.565	421.273	411.107
68.5	501.314	469.519	431.533	409.073	399.276
69.0	485.786	455.101	419.148	397.705	387.816
69.5	470.259	441.052	406.948	386.429	376.262
70.0	454.824	427.004	394.008	374.044	364.062
70.5	439.666	412.863	380.791	360.735	351.955
71.0	424.416	398.722	367.759	347.980	340.032
71.5	409.443	384.766	355.005	336.520	328.479
72.0	394.563	371.272	342.805	325.891	317.295
72.5	379.867	357.962	331.067	314.892	306.574
73.0	365.449	344.746	319.144	303.154	295.668
73.5	351.123	331.436	306.851	291.416	284.392
74.0	337.074	318.312	294.559	280.140	273.671
74.5	323.210	305.465	282.913	269.512	263.596
75.0	309.624	292.987	271.730	259.067	253.245
75.5	296.222	280.603	260.731	248.531	242.616
76.0	283.006	268.310	249.455	238.087	232.541
76.5	269.974	255.925	238.272	227.366	222.652
77.0	257.034	243.817	226.996	216.829	212.393
77.5	244.372	231.895	216.275	206.478	201.949
78.0	231.710	220.064	205.831	196.403	192.059
78.5	219.232	208.419	195.387	186.421	182.632
79.0	207.125	197.050	184.943	176.624	173.297
79.5	195.109	185.867	174.683	167.012	164.055
80.0	183.371	174.868	164.701	157.400	154.720
80.5	171.726	164.055	154.812	147.880	145.200
81.0	160.450	153.426	144.830	138.545	135.865
81.5	149.451	143.074	135.218	129.488	126.992
82.0	138.638	133.092	126.068	120.800	118.489
82.5	128.101	123.295	117.010	112.389	110.263

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**CANDELA TABULATION - (Cont.)**

83.0	117.750	113.590	108.137	103.886	102.222
83.5	107.583	103.978	99.172	95.475	94.181
84.0	97.693	94.736	90.207	87.157	85.955
84.5	88.081	85.678	81.519	79.023	78.007
85.0	78.654	76.805	73.386	71.167	70.705
85.5	69.411	68.025	65.437	63.773	63.866
86.0	60.446	59.337	57.673	56.934	56.934
86.5	51.758	51.019	49.910	49.725	49.910
87.0	43.255	42.978	42.331	42.331	42.608
87.5	35.122	34.844	34.937	35.399	35.584
88.0	27.265	27.450	28.282	28.929	29.206
88.5	19.964	20.611	22.182	22.367	22.552
89.0	13.494	14.511	15.435	13.956	13.864
89.5	9.335	9.612	7.209	6.839	7.579
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 : LRX2-6-L8-850-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 : LRX2-6-L8-850-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 : LRX2-6-L8-850-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	798.17	N.A.	15.70
0-30	1634.09	N.A.	32.10
0-40	2564.74	N.A.	50.40
0-60	4181.75	N.A.	82.20
0-80	5003.92	N.A.	98.30
0-90	5088.14	N.A.	100.00
10-90	4876.66	N.A.	95.80
20-40	1766.57	N.A.	34.70
20-50	2649.69	N.A.	52.10
40-70	2145.35	N.A.	42.20
60-80	822.17	N.A.	16.20
70-80	293.83	N.A.	5.80
80-90	84.22	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	5088.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	211.48
10-20	586.69
20-30	835.92
30-40	930.65
40-50	883.12
50-60	733.89
60-70	528.34
70-80	293.83
80-90	84.22
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 : LRX2-6-L8-850-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 : LRX2-6-L8-850-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	21.8	23.4	22.2	23.7	24.0	20.7	22.2	21.0	22.5	22.8
	3H	23.5	24.9	23.9	25.3	25.6	22.3	23.7	22.7	24.1	24.4
	4H	24.1	25.5	24.5	25.8	26.2	22.9	24.3	23.3	24.6	25.0
	6H	24.6	25.8	25.0	26.2	26.6	23.4	24.6	23.8	25.0	25.4
	8H	24.7	25.9	25.2	26.3	26.7	23.5	24.7	24.0	25.1	25.5
	12H	24.8	26.0	25.3	26.3	26.8	23.6	24.8	24.1	25.2	25.6

UGR Viewed Endwise

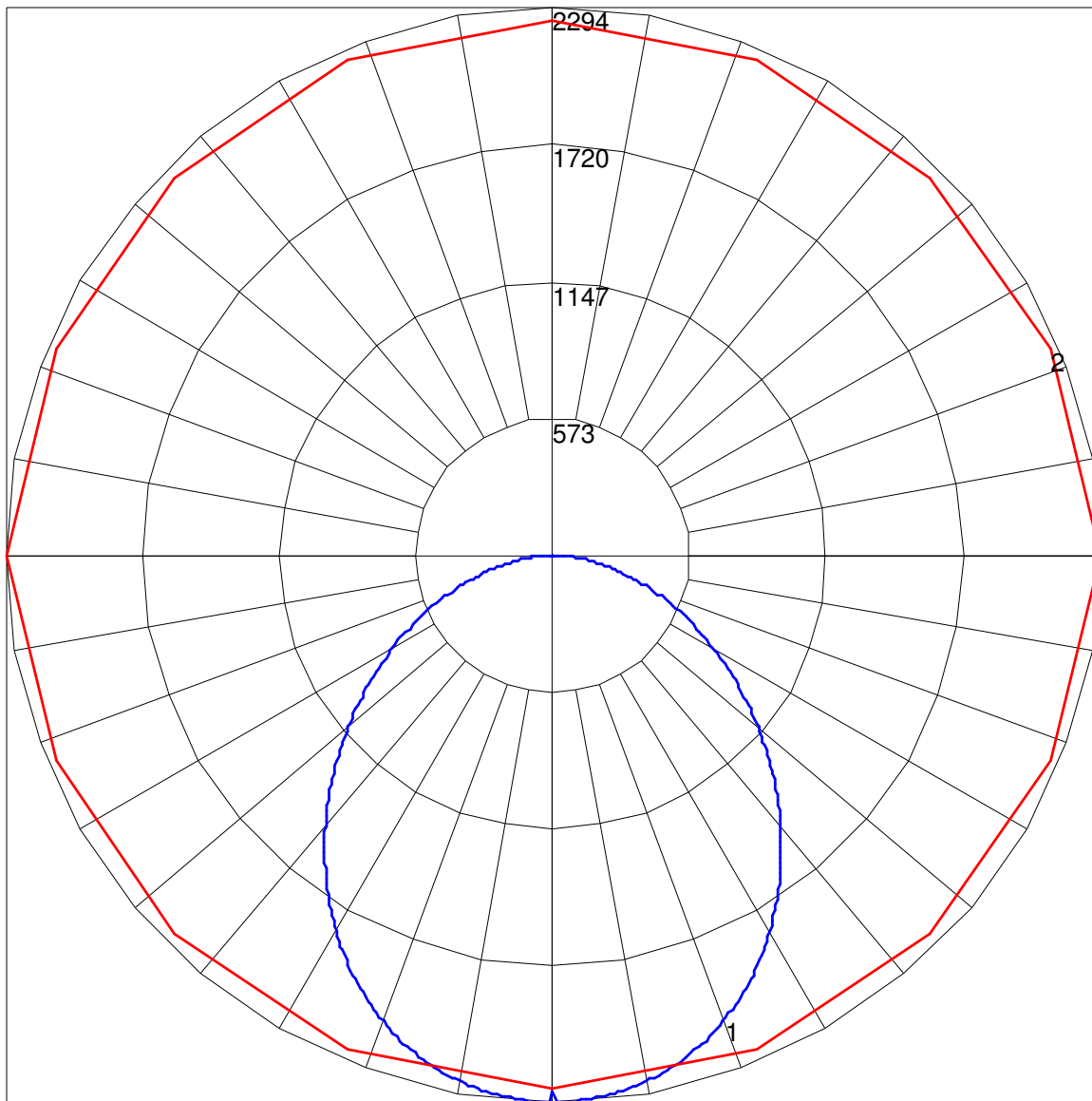
4H	2H	22.3	23.6	22.7	23.9	24.3	21.3	22.6	21.7	23.0	23.4
	3H	24.2	25.3	24.6	25.7	26.1	23.2	24.3	23.6	24.7	25.1
	4H	25.0	26.0	25.4	26.4	26.8	23.9	24.9	24.4	25.4	25.8
	6H	25.5	26.4	26.0	26.9	27.3	24.5	25.4	25.0	25.8	26.3
	8H	25.7	26.5	26.2	27.0	27.5	24.7	25.5	25.2	26.0	26.4
	12H	25.9	26.6	26.4	27.1	27.5	24.9	25.6	25.4	26.1	26.5

8H	4H	25.2	26.0	25.6	26.4	26.9	24.3	25.1	24.7	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.1	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.2	25.8	25.7	26.4	26.8
	12H	26.3	26.9	26.9	27.4	27.9	25.5	26.0	26.0	26.5	27.1

12H	4H	25.2	25.9	25.7	26.4	26.9	24.3	25.0	24.8	25.5	26.0
	6H	25.9	26.5	26.4	27.0	27.5	25.0	25.7	25.6	26.1	26.7
	8H	26.2	26.8	26.7	27.3	27.8	25.4	25.9	25.9	26.4	27.0

Maximum UGR = 27.9

POLAR GRAPH



Maximum Candela = 2293.99 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.)