



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L8-840-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] LRX2-6-L8-840-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	4944
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	119
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	19247	16603	15144
55	17157	14590	13356
65	15126	12861	11839
75	12476	10949	10204
85	9411	8781	8460

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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	2190.448	2190.448	2190.448	2190.448	2190.448
0.5	2229.066	2192.244	2179.671	2185.059	2174.282
1.0	2229.066	2191.346	2179.671	2185.059	2173.384
1.5	2228.168	2191.346	2178.773	2184.161	2172.486
2.0	2227.270	2189.550	2176.977	2183.263	2169.792
2.5	2226.372	2187.754	2176.078	2180.569	2167.996
3.0	2224.575	2185.957	2173.384	2178.773	2164.403
3.5	2222.779	2184.161	2170.690	2175.180	2160.811
4.0	2220.983	2182.365	2167.996	2172.486	2158.117
4.5	2219.187	2179.671	2165.301	2168.894	2153.626
5.0	2217.391	2176.977	2160.811	2164.403	2149.136
5.5	2213.798	2173.384	2157.218	2159.015	2142.849
6.0	2211.104	2169.792	2152.728	2154.524	2137.460
6.5	2208.410	2167.098	2148.238	2148.238	2131.174
7.0	2204.817	2162.607	2143.747	2141.951	2124.887
7.5	2201.225	2159.015	2138.359	2135.664	2117.702
8.0	2197.633	2153.626	2132.970	2128.480	2111.416
8.5	2193.142	2149.136	2126.683	2121.295	2103.333
9.0	2188.652	2144.645	2120.397	2113.212	2095.250
9.5	2184.161	2139.257	2113.212	2104.231	2086.269
10.0	2179.671	2133.868	2106.027	2096.148	2078.186
10.5	2174.282	2128.480	2098.842	2087.167	2067.409
11.0	2168.894	2122.193	2090.760	2078.186	2057.530
11.5	2162.607	2115.906	2082.677	2068.307	2047.651
12.0	2156.320	2108.721	2073.696	2058.428	2036.874
12.5	2150.932	2101.537	2064.715	2047.651	2025.199
13.0	2143.747	2094.352	2055.734	2036.874	2014.422
13.5	2136.562	2086.269	2045.855	2025.199	2002.747
14.0	2130.276	2078.186	2036.874	2014.422	1991.071
14.5	2122.193	2070.104	2026.097	2002.747	1978.498
15.0	2115.008	2062.021	2016.218	1990.173	1966.823
15.5	2106.925	2053.040	2004.543	1977.600	1953.351
16.0	2100.639	2044.957	1993.766	1965.027	1939.880
16.5	2094.352	2035.976	1982.090	1951.555	1926.409
17.0	2086.269	2026.995	1970.415	1938.084	1912.937
17.5	2074.594	2018.014	1958.740	1924.613	1898.568
18.0	2063.817	2009.931	1947.065	1910.243	1883.300
18.5	2053.040	1999.154	1934.492	1895.874	1868.033
19.0	2044.059	1987.479	1921.918	1880.606	1852.765
19.5	2034.180	1975.804	1909.345	1865.338	1836.599
20.0	2024.301	1964.129	1895.874	1850.969	1819.536
20.5	2013.524	1952.453	1883.300	1835.701	1803.370
21.0	2002.747	1941.676	1869.829	1819.536	1786.306
21.5	1991.969	1930.001	1856.357	1804.268	1770.141
22.0	1980.294	1917.428	1841.988	1788.102	1753.077
22.5	1969.517	1905.753	1828.517	1771.039	1736.911
23.0	1956.944	1893.179	1815.943	1754.873	1720.745
23.5	1945.269	1879.708	1801.574	1738.707	1703.682
24.0	1932.695	1867.135	1785.408	1722.542	1687.516
24.5	1920.122	1853.663	1770.141	1706.376	1670.452
25.0	1907.549	1841.090	1753.975	1689.312	1653.389
25.5	1894.975	1826.720	1738.707	1673.147	1636.325
26.0	1881.504	1813.249	1722.542	1656.083	1620.159
26.5	1868.931	1798.880	1707.274	1639.917	1603.993

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**CANDELA TABULATION - (Cont.)**

27.0	1854.561	1785.408	1691.108	1623.751	1586.930
27.5	1841.090	1770.141	1675.841	1607.586	1568.968
28.0	1827.618	1755.771	1659.675	1591.420	1552.802
28.5	1814.147	1741.402	1643.510	1574.356	1536.636
29.0	1799.778	1726.134	1628.242	1557.293	1520.471
29.5	1784.510	1710.866	1612.076	1540.229	1504.305
30.0	1770.141	1695.599	1595.911	1524.063	1487.241
30.5	1754.873	1681.229	1580.643	1507.898	1470.178
31.0	1739.605	1665.962	1564.477	1490.834	1453.114
31.5	1723.440	1649.796	1547.414	1473.770	1436.948
32.0	1708.172	1634.529	1531.248	1456.706	1419.884
32.5	1692.007	1618.363	1515.082	1439.642	1402.821
33.0	1676.739	1602.197	1498.019	1422.579	1385.757
33.5	1660.573	1586.032	1481.853	1406.413	1368.693
34.0	1644.408	1569.866	1465.687	1389.349	1351.629
34.5	1629.140	1552.802	1447.725	1372.286	1334.566
35.0	1612.974	1536.636	1431.560	1354.324	1317.502
35.5	1596.809	1519.573	1414.496	1337.260	1301.336
36.0	1579.745	1503.407	1398.330	1321.094	1284.272
36.5	1563.579	1486.343	1381.266	1304.030	1268.107
37.0	1547.414	1469.280	1364.203	1286.069	1251.043
37.5	1530.350	1452.216	1347.139	1269.903	1235.775
38.0	1514.184	1435.152	1330.075	1252.839	1218.712
38.5	1497.120	1418.088	1313.910	1236.674	1202.546
39.0	1480.057	1401.024	1295.948	1219.610	1186.380
39.5	1462.993	1383.961	1278.884	1203.444	1170.215
40.0	1445.031	1366.897	1261.820	1186.380	1154.049
40.5	1427.069	1349.833	1244.756	1171.113	1138.781
41.0	1410.005	1332.769	1227.693	1154.947	1121.718
41.5	1392.044	1314.808	1210.629	1138.781	1105.552
42.0	1374.082	1297.744	1194.463	1121.718	1090.284
42.5	1357.018	1279.782	1177.399	1105.552	1074.119
43.0	1339.056	1262.718	1161.234	1090.284	1058.851
43.5	1321.094	1244.756	1143.272	1075.017	1043.584
44.0	1303.132	1227.693	1127.106	1058.851	1028.316
44.5	1285.171	1210.629	1110.042	1042.686	1013.048
45.0	1268.107	1192.667	1093.877	1027.418	997.781
45.5	1250.145	1175.603	1077.711	1012.150	982.513
46.0	1232.183	1158.539	1061.545	996.883	968.144
46.5	1215.119	1140.578	1044.482	981.615	952.876
47.0	1197.157	1123.514	1028.316	966.348	938.507
47.5	1180.094	1106.450	1013.048	950.182	924.137
48.0	1162.132	1089.386	996.883	935.813	908.870
48.5	1144.170	1072.323	981.615	920.545	895.039
49.0	1127.106	1054.361	964.551	906.175	880.580
49.5	1109.144	1037.297	949.284	890.818	866.121
50.0	1092.081	1021.131	933.118	875.820	851.661
50.5	1074.119	1004.068	917.851	861.630	837.920
51.0	1057.055	987.004	901.685	847.710	824.269
51.5	1039.093	969.940	886.507	833.520	809.361
52.0	1022.029	953.774	870.701	818.881	795.351
52.5	1004.068	936.711	855.074	804.242	781.879
53.0	987.004	920.545	839.627	789.783	767.510
53.5	969.042	904.379	824.898	776.221	754.488
54.0	951.978	887.405	809.990	762.840	740.747
54.5	934.914	870.791	794.812	749.099	727.275

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**CANDELA TABULATION - (Cont.)**

55.0	916.953	854.535	779.724	734.909	713.804
55.5	899.889	838.459	765.085	720.540	700.063
56.0	882.735	822.473	750.805	706.709	687.041
56.5	865.941	806.667	736.256	693.687	674.108
57.0	849.057	790.681	721.887	680.844	661.715
57.5	832.532	775.054	707.966	667.283	648.872
58.0	816.097	759.697	693.777	653.452	635.670
58.5	800.201	744.339	679.317	639.891	622.827
59.0	783.945	729.431	664.948	626.779	610.793
59.5	767.959	714.522	650.938	613.936	598.399
60.0	751.883	699.794	637.466	601.453	585.646
60.5	736.256	685.065	624.174	588.879	573.163
61.0	720.719	670.247	610.703	576.037	561.128
61.5	705.093	655.428	596.693	563.104	548.735
62.0	689.466	641.059	583.042	550.351	536.341
62.5	673.929	626.869	570.109	538.047	524.306
63.0	658.302	612.409	557.716	526.013	512.541
63.5	642.585	598.040	545.322	514.697	500.776
64.0	626.958	583.581	532.569	503.381	489.011
64.5	611.332	569.211	519.367	491.167	477.516
65.0	595.615	555.021	506.434	478.414	466.200
65.5	579.988	540.742	494.220	466.918	455.064
66.0	564.451	526.462	482.276	456.590	444.376
66.5	548.824	512.272	470.151	445.993	433.509
67.0	533.287	498.262	457.488	434.497	422.373
67.5	517.840	484.341	444.735	422.104	411.057
68.0	502.393	470.241	431.983	409.351	399.472
68.5	487.125	456.231	419.319	397.496	387.976
69.0	472.037	442.221	407.285	386.449	376.840
69.5	456.950	428.570	395.430	375.493	365.614
70.0	441.951	414.919	382.857	363.458	353.759
70.5	427.223	401.178	370.014	350.526	341.994
71.0	412.404	387.437	357.351	338.132	330.408
71.5	397.855	373.876	344.957	326.996	319.182
72.0	383.396	360.764	333.103	316.667	308.315
72.5	369.116	347.831	321.697	305.980	297.897
73.0	355.106	334.989	310.111	294.574	287.300
73.5	341.185	322.056	298.167	283.169	276.343
74.0	327.534	309.303	286.222	272.212	265.925
74.5	314.063	296.820	274.906	261.884	256.136
75.0	300.861	284.695	264.039	251.735	246.077
75.5	287.839	272.661	253.352	241.497	235.749
76.0	274.996	260.716	242.395	231.349	225.960
76.5	262.333	248.682	231.528	220.931	216.351
77.0	249.760	236.917	220.572	210.693	206.382
77.5	237.456	225.331	210.154	200.634	196.233
78.0	225.152	213.836	200.005	190.845	186.624
78.5	213.028	202.520	189.857	181.145	177.463
79.0	201.263	191.473	179.708	171.626	168.392
79.5	189.587	180.606	169.740	162.285	159.411
80.0	178.182	169.919	160.040	152.945	150.341
80.5	166.866	159.411	150.431	143.695	141.090
81.0	155.909	149.083	140.731	134.624	132.020
81.5	145.222	139.025	131.391	125.823	123.398
82.0	134.714	129.325	122.500	117.381	115.135
82.5	124.476	119.806	113.699	109.208	107.142

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**CANDELA TABULATION - (Cont.)**

83.0	114.417	110.376	105.077	100.946	99.329
83.5	104.538	101.035	96.365	92.773	91.516
84.0	94.928	92.054	87.654	84.690	83.523
84.5	85.588	83.253	79.212	76.787	75.799
85.0	76.428	74.631	71.309	69.153	68.704
85.5	67.447	66.100	63.585	61.968	62.058
86.0	58.735	57.658	56.041	55.323	55.323
86.5	50.293	49.575	48.497	48.317	48.497
87.0	42.031	41.761	41.133	41.133	41.402
87.5	34.128	33.858	33.948	34.397	34.577
88.0	26.494	26.673	27.482	28.110	28.380
88.5	19.399	20.027	21.554	21.734	21.913
89.0	13.112	14.100	14.998	13.561	13.471
89.5	9.071	9.340	7.005	6.646	7.364
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-L8-840-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-L8-840-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-L8-840-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	775.58	N.A.	15.70
0-30	1587.84	N.A.	32.10
0-40	2492.15	N.A.	50.40
0-60	4063.4	N.A.	82.20
0-80	4862.3	N.A.	98.30
0-90	4944.14	N.A.	100.00
10-90	4738.64	N.A.	95.80
20-40	1716.57	N.A.	34.70
20-50	2574.7	N.A.	52.10
40-70	2084.63	N.A.	42.20
60-80	798.90	N.A.	16.20
70-80	285.51	N.A.	5.80
80-90	81.83	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	4944.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	205.50
10-20	570.09
20-30	812.26
30-40	904.31
40-50	858.13
50-60	713.12
60-70	513.39
70-80	285.51
80-90	81.83
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-L8-840-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-L8-840-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	21.7	23.3	22.1	23.6	23.9	20.6	22.1	20.9	22.4	22.7
	3H	23.4	24.9	23.8	25.2	25.5	22.2	23.6	22.6	24.0	24.3
	4H	24.0	25.4	24.4	25.7	26.1	22.8	24.2	23.2	24.5	24.9
	6H	24.5	25.7	24.9	26.1	26.5	23.3	24.5	23.7	24.9	25.3
	8H	24.6	25.8	25.1	26.2	26.6	23.4	24.6	23.9	25.0	25.4
	12H	24.7	25.9	25.2	26.2	26.7	23.5	24.7	24.0	25.1	25.5

UGR Viewed Endwise

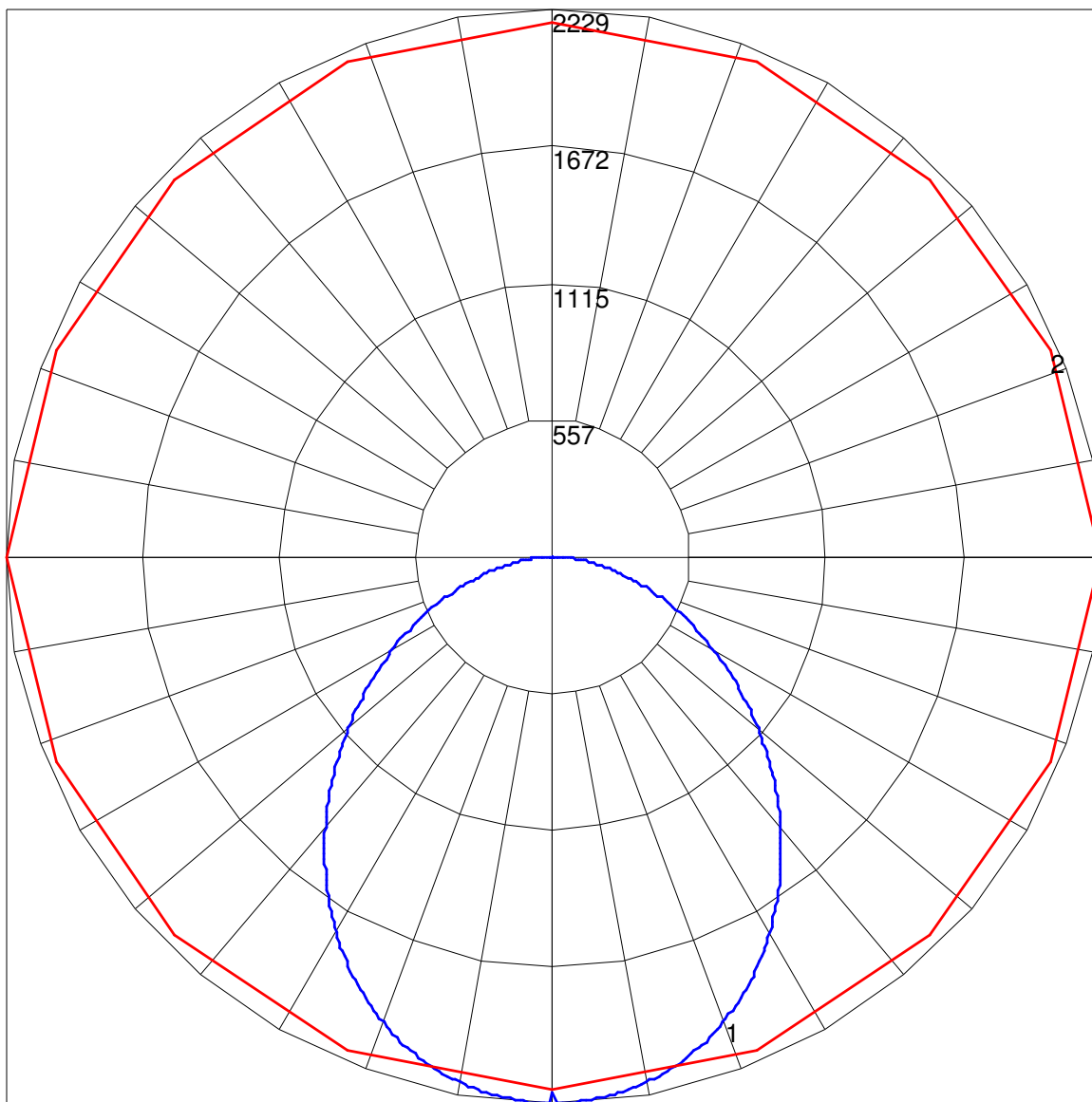
4H	2H	22.2	23.5	22.6	23.8	24.2	21.2	22.5	21.6	22.9	23.3
	3H	24.1	25.2	24.5	25.6	26.0	23.1	24.2	23.5	24.6	25.0
	4H	24.9	25.9	25.3	26.3	26.7	23.8	24.8	24.3	25.3	25.7
	6H	25.4	26.3	25.9	26.8	27.2	24.4	25.3	24.9	25.7	26.2
	8H	25.6	26.4	26.1	26.9	27.4	24.6	25.4	25.1	25.9	26.3
	12H	25.8	26.5	26.3	27.0	27.5	24.8	25.5	25.3	26.0	26.4

8H	4H	25.1	25.9	25.5	26.3	26.8	24.2	25.0	24.6	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.5	25.4	26.0	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.1	25.7	25.6	26.3	26.7
	12H	26.3	26.8	26.8	27.3	27.8	25.4	25.9	25.9	26.4	27.0

12H	4H	25.1	25.8	25.6	26.3	26.8	24.2	24.9	24.7	25.4	25.9
	6H	25.8	26.4	26.3	26.9	27.4	24.9	25.6	25.5	26.0	26.6
	8H	26.1	26.7	26.6	27.2	27.7	25.3	25.8	25.8	26.3	26.9

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 2229.066 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.)