



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-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] LRX2-6-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	4128
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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	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	1828.918	1828.918	1828.918	1828.918	1828.918
0.5	1861.162	1830.417	1819.919	1824.418	1815.420
1.0	1861.162	1829.667	1819.919	1824.418	1814.670
1.5	1860.412	1829.667	1819.169	1823.668	1813.920
2.0	1859.662	1828.168	1817.670	1822.919	1811.671
2.5	1858.912	1826.668	1816.920	1820.669	1810.171
3.0	1857.412	1825.168	1814.670	1819.169	1807.171
3.5	1855.913	1823.668	1812.421	1816.170	1804.172
4.0	1854.413	1822.169	1810.171	1813.920	1801.922
4.5	1852.913	1819.919	1807.921	1810.921	1798.173
5.0	1851.413	1817.670	1804.172	1807.171	1794.424
5.5	1848.414	1814.670	1801.173	1802.672	1789.175
6.0	1846.164	1811.671	1797.423	1798.923	1784.676
6.5	1843.915	1809.421	1793.674	1793.674	1779.427
7.0	1840.915	1805.672	1789.925	1788.425	1774.177
7.5	1837.916	1802.672	1785.425	1783.176	1768.179
8.0	1834.916	1798.173	1780.926	1777.177	1762.930
8.5	1831.167	1794.424	1775.677	1771.178	1756.181
9.0	1827.418	1790.674	1770.428	1764.429	1749.432
9.5	1823.668	1786.175	1764.429	1756.931	1741.933
10.0	1819.919	1781.676	1758.430	1750.182	1735.185
10.5	1815.420	1777.177	1752.431	1742.683	1726.186
11.0	1810.921	1771.928	1745.683	1735.185	1717.938
11.5	1805.672	1766.679	1738.934	1726.936	1709.689
12.0	1800.423	1760.680	1731.435	1718.688	1700.691
12.5	1795.924	1754.681	1723.937	1709.689	1690.943
13.0	1789.925	1748.682	1716.438	1700.691	1681.944
13.5	1783.926	1741.933	1708.189	1690.943	1672.196
14.0	1778.677	1735.185	1700.691	1681.944	1662.448
14.5	1771.928	1728.436	1691.692	1672.196	1651.950
15.0	1765.929	1721.687	1683.444	1661.698	1642.201
15.5	1759.180	1714.188	1673.696	1651.200	1630.954
16.0	1753.931	1707.440	1664.697	1640.702	1619.706
16.5	1748.682	1699.941	1654.949	1629.454	1608.458
17.0	1741.933	1692.442	1645.201	1618.206	1597.210
17.5	1732.185	1684.944	1635.453	1606.958	1585.212
18.0	1723.187	1678.195	1625.704	1594.960	1572.464
18.5	1714.188	1669.197	1615.206	1582.962	1559.716
19.0	1706.690	1659.448	1604.708	1570.215	1546.969
19.5	1698.441	1649.700	1594.210	1557.467	1533.471
20.0	1690.193	1639.952	1582.962	1545.469	1519.224
20.5	1681.194	1630.204	1572.464	1532.721	1505.726
21.0	1672.196	1621.205	1561.216	1519.224	1491.479
21.5	1663.198	1611.457	1549.968	1506.476	1477.981
22.0	1653.449	1600.959	1537.970	1492.979	1463.734
22.5	1644.451	1591.211	1526.722	1478.731	1450.236
23.0	1633.953	1580.713	1516.224	1465.234	1436.739
23.5	1624.205	1569.465	1504.227	1451.736	1422.491
24.0	1613.707	1558.967	1490.729	1438.239	1408.994
24.5	1603.209	1547.719	1477.981	1424.741	1394.746
25.0	1592.710	1537.221	1464.484	1410.494	1380.499
25.5	1582.212	1525.223	1451.736	1396.996	1366.252
26.0	1570.964	1513.975	1438.239	1382.749	1352.754
26.5	1560.466	1501.977	1425.491	1369.251	1339.257

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**CANDELA TABULATION - (Cont.)**

27.0	1548.469	1490.729	1411.993	1355.754	1325.009
27.5	1537.221	1477.981	1399.246	1342.256	1310.012
28.0	1525.973	1465.984	1385.748	1328.758	1296.514
28.5	1514.725	1453.986	1372.251	1314.511	1283.017
29.0	1502.727	1441.238	1359.503	1300.264	1269.519
29.5	1489.979	1428.490	1346.005	1286.016	1256.022
30.0	1477.981	1415.743	1332.508	1272.519	1241.774
30.5	1465.234	1403.745	1319.760	1259.021	1227.527
31.0	1452.486	1390.997	1306.263	1244.774	1213.279
31.5	1438.988	1377.500	1292.015	1230.526	1199.782
32.0	1426.241	1364.752	1278.518	1216.279	1185.534
32.5	1412.743	1351.254	1265.020	1202.031	1171.287
33.0	1399.995	1337.757	1250.773	1187.784	1157.040
33.5	1386.498	1324.259	1237.275	1174.287	1142.792
34.0	1373.000	1310.762	1223.778	1160.039	1128.545
34.5	1360.253	1296.514	1208.780	1145.792	1114.297
35.0	1346.755	1283.017	1195.283	1130.794	1100.050
35.5	1333.258	1268.769	1181.035	1116.547	1086.552
36.0	1319.010	1255.272	1167.538	1103.049	1072.305
36.5	1305.513	1241.024	1153.290	1088.802	1058.808
37.0	1292.015	1226.777	1139.043	1073.805	1044.560
37.5	1277.768	1212.530	1124.796	1060.307	1031.812
38.0	1264.270	1198.282	1110.548	1046.060	1017.565
38.5	1250.023	1184.035	1097.051	1032.562	1004.067
39.0	1235.775	1169.787	1082.053	1018.315	990.570
39.5	1221.528	1155.540	1067.806	1004.817	977.072
40.0	1206.531	1141.293	1053.558	990.570	963.575
40.5	1191.533	1127.045	1039.311	977.822	950.827
41.0	1177.286	1112.798	1025.064	964.325	936.580
41.5	1162.289	1097.800	1010.816	950.827	923.082
42.0	1147.291	1083.553	997.319	936.580	910.335
42.5	1133.044	1068.556	983.071	923.082	896.837
43.0	1118.047	1054.308	969.574	910.335	884.089
43.5	1103.049	1039.311	954.576	897.587	871.342
44.0	1088.052	1025.064	941.079	884.089	858.594
44.5	1073.055	1010.816	926.832	870.592	845.846
45.0	1058.808	995.819	913.334	857.844	833.099
45.5	1043.810	981.572	899.836	845.096	820.351
46.0	1028.813	967.324	886.339	832.349	808.353
46.5	1014.566	952.327	872.091	819.601	795.605
47.0	999.568	938.079	858.594	806.853	783.608
47.5	985.321	923.832	845.846	793.356	771.610
48.0	970.324	909.585	832.349	781.358	758.862
48.5	955.326	895.337	819.601	768.610	747.314
49.0	941.079	880.340	805.354	756.612	735.241
49.5	926.082	866.093	792.606	743.790	723.169
50.0	911.834	852.595	779.108	731.267	711.096
50.5	896.837	838.348	766.361	719.419	699.623
51.0	882.590	824.100	752.863	707.796	688.225
51.5	867.592	809.853	740.190	695.948	675.777
52.0	853.345	796.355	726.993	683.726	664.079
52.5	838.348	782.108	713.945	671.503	652.831
53.0	824.100	768.610	701.048	659.430	640.834
53.5	809.103	755.113	688.750	648.107	629.960
54.0	794.856	740.940	676.302	636.934	618.488
54.5	780.608	727.068	663.629	625.461	607.240

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**CANDELA TABULATION - (Cont.)**

55.0	765.611	713.495	651.032	613.613	595.992
55.5	751.363	700.073	638.809	601.616	584.519
56.0	737.041	686.725	626.886	590.068	573.646
56.5	723.019	673.528	614.738	579.195	562.848
57.0	708.921	660.180	602.740	568.472	552.500
57.5	695.124	647.132	591.118	557.149	541.777
58.0	681.401	634.310	579.270	545.601	530.754
58.5	668.129	621.487	567.197	534.278	520.030
59.0	654.556	609.039	555.199	523.330	509.982
59.5	641.208	596.592	543.501	512.607	499.634
60.0	627.786	584.294	532.253	502.184	488.986
60.5	614.738	571.996	521.155	491.686	478.563
61.0	601.766	559.623	509.907	480.963	468.515
61.5	588.718	547.251	498.209	470.165	458.167
62.0	575.670	535.253	486.812	459.516	447.819
62.5	562.698	523.405	476.013	449.243	437.770
63.0	549.650	511.332	465.665	439.195	427.947
63.5	536.527	499.334	455.317	429.747	418.124
64.0	523.480	487.261	444.669	420.299	408.301
64.5	510.432	475.264	433.646	410.100	398.703
65.0	497.310	463.416	422.848	399.452	389.254
65.5	484.262	451.493	412.650	389.854	379.956
66.0	471.289	439.570	402.677	381.231	371.033
66.5	458.242	427.722	392.554	372.382	361.959
67.0	445.269	416.024	381.981	362.784	352.661
67.5	432.371	404.401	371.332	352.436	343.213
68.0	419.474	392.629	360.684	341.788	333.539
68.5	406.726	380.931	350.111	331.890	323.941
69.0	394.128	369.233	340.063	322.666	314.643
69.5	381.531	357.835	330.165	313.518	305.270
70.0	369.008	346.437	319.667	303.470	295.371
70.5	356.710	334.964	308.944	292.672	285.548
71.0	344.337	323.491	298.371	282.324	275.875
71.5	332.190	312.168	288.023	273.025	266.502
72.0	320.117	301.220	278.124	264.402	257.428
72.5	308.194	290.422	268.601	255.479	248.730
73.0	296.496	279.699	258.928	245.955	239.881
73.5	284.873	268.901	248.955	236.432	230.733
74.0	273.475	258.253	238.982	227.284	222.035
74.5	262.227	247.830	229.533	218.660	213.861
75.0	251.204	237.707	220.460	210.187	205.463
75.5	240.331	227.659	211.537	201.638	196.839
76.0	229.608	217.685	202.388	193.165	188.666
76.5	219.035	207.637	193.315	184.466	180.642
77.0	208.537	197.814	184.167	175.918	172.319
77.5	198.264	188.141	175.468	167.520	163.845
78.0	187.991	178.543	166.995	159.346	155.822
78.5	177.868	169.094	158.521	151.248	148.173
79.0	168.044	159.871	150.048	143.299	140.599
79.5	158.296	150.798	141.724	135.500	133.101
80.0	148.773	141.874	133.626	127.702	125.527
80.5	139.325	133.101	125.602	119.978	117.804
81.0	130.176	124.477	117.504	112.405	110.230
81.5	121.253	116.079	109.705	105.056	103.031
82.0	112.480	107.980	102.281	98.007	96.133
82.5	103.931	100.032	94.933	91.183	89.459

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**CANDELA TABULATION - (Cont.)**

83.0	95.533	92.158	87.734	84.285	82.935
83.5	87.284	84.360	80.460	77.461	76.411
84.0	79.261	76.861	73.187	70.712	69.737
84.5	71.462	69.512	66.138	64.113	63.288
85.0	63.813	62.314	59.539	57.740	57.365
85.5	56.315	55.190	53.090	51.741	51.816
86.0	49.041	48.141	46.791	46.192	46.192
86.5	41.992	41.392	40.493	40.343	40.493
87.0	35.094	34.869	34.344	34.344	34.569
87.5	28.495	28.270	28.345	28.720	28.870
88.0	22.121	22.271	22.946	23.471	23.696
88.5	16.197	16.722	17.997	18.147	18.297
89.0	10.948	11.773	12.523	11.323	11.248
89.5	7.574	7.799	5.849	5.549	6.149
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-L8-940-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 : LRX2-6-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 : LRX2-6-L8-940-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	647.57	N.A.	15.70
0-30	1325.77	N.A.	32.10
0-40	2080.83	N.A.	50.40
0-60	3392.74	N.A.	82.20
0-80	4059.79	N.A.	98.30
0-90	4128.11	N.A.	100.00
10-90	3956.53	N.A.	95.80
20-40	1433.25	N.A.	34.70
20-50	2149.75	N.A.	52.10
40-70	1740.57	N.A.	42.20
60-80	667.05	N.A.	16.20
70-80	238.39	N.A.	5.80
80-90	68.33	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	4128.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	171.58
10-20	475.99
20-30	678.20
30-40	755.06
40-50	716.49
50-60	595.42
60-70	428.66
70-80	238.39
80-90	68.33
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-L8-940-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 : LRX2-6-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	24.1	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

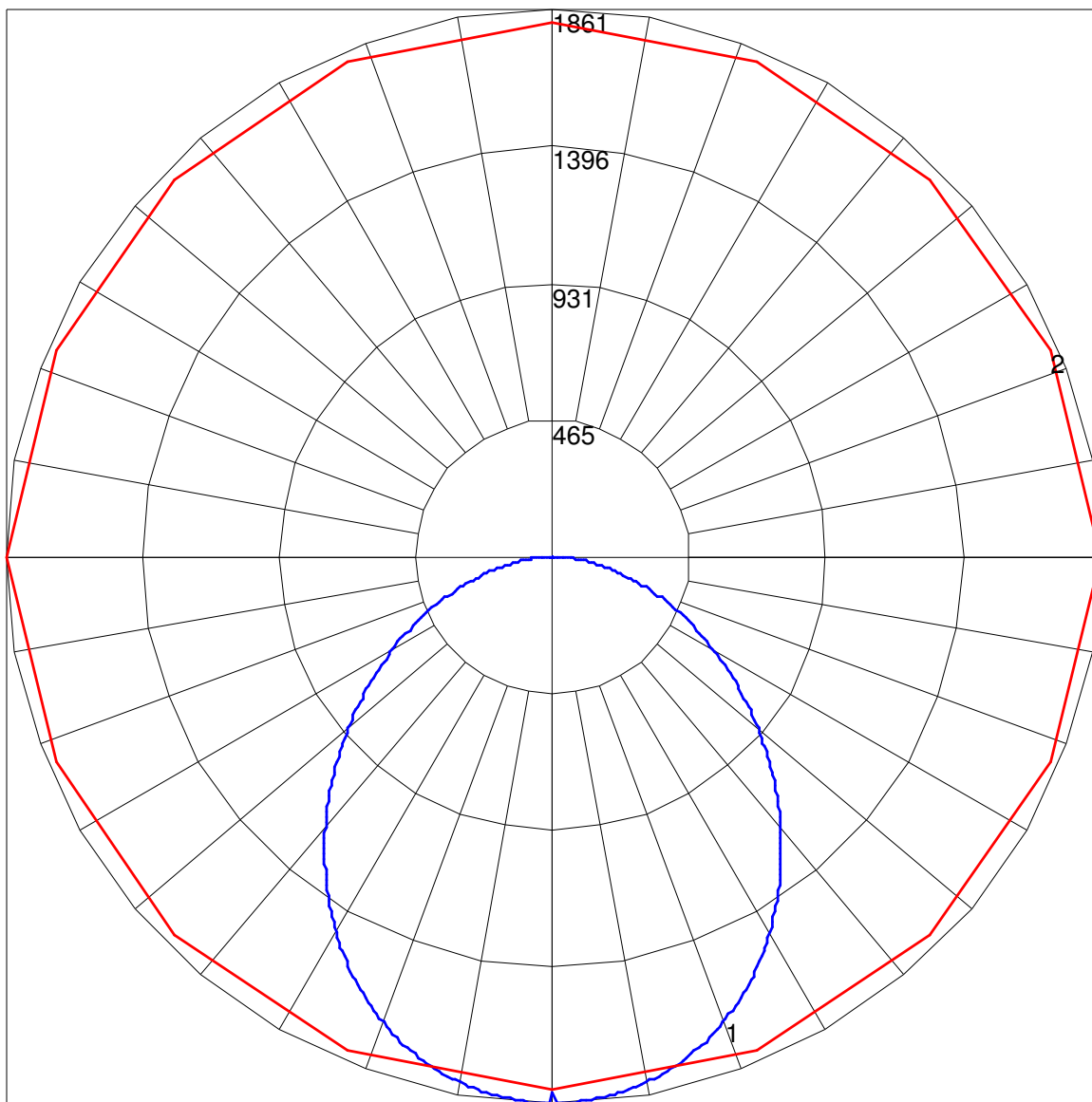
4H	2H	21.5	22.8	21.9	23.1	23.5	20.5	21.8	20.9	22.2	22.6
	3H	23.4	24.5	23.8	24.9	25.3	22.4	23.5	22.8	23.9	24.3
	4H	24.2	25.2	24.6	25.6	26.0	23.1	24.1	23.6	24.6	25.0
	6H	24.7	25.6	25.2	26.1	26.5	23.7	24.6	24.2	25.0	25.5
	8H	24.9	25.7	25.4	26.2	26.7	23.9	24.7	24.4	25.2	25.6
	12H	25.1	25.8	25.6	26.3	26.7	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 = 1861.162 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.)