



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-6-L10-927-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-L10-927-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	4834
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	54.6
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	18817	16232	14806
55	16774	14264	13058
65	14788	12574	11575
75	12197	10704	9976
85	9201	8585	8271

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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	2141.535	2141.535	2141.535	2141.535	2141.535
0.5	2179.291	2143.291	2130.999	2136.267	2125.731
1.0	2179.291	2142.413	2130.999	2136.267	2124.853
1.5	2178.413	2142.413	2130.121	2135.389	2123.974
2.0	2177.535	2140.657	2128.365	2134.511	2121.340
2.5	2176.657	2138.901	2127.487	2131.877	2119.584
3.0	2174.901	2137.145	2124.853	2130.121	2116.072
3.5	2173.145	2135.389	2122.218	2126.609	2112.560
4.0	2171.389	2133.633	2119.584	2123.974	2109.926
4.5	2169.632	2130.999	2116.950	2120.462	2105.536
5.0	2167.876	2128.365	2112.560	2116.072	2101.145
5.5	2164.364	2124.853	2109.048	2110.804	2094.999
6.0	2161.730	2121.340	2104.658	2106.414	2089.731
6.5	2159.096	2118.706	2100.267	2100.267	2083.585
7.0	2155.584	2114.316	2095.877	2094.121	2077.438
7.5	2152.072	2110.804	2090.609	2087.975	2070.414
8.0	2148.560	2105.536	2085.341	2080.951	2064.268
8.5	2144.169	2101.145	2079.195	2073.926	2056.366
9.0	2139.779	2096.755	2073.048	2066.024	2048.463
9.5	2135.389	2091.487	2066.024	2057.244	2039.683
10.0	2130.999	2086.219	2059.000	2049.341	2031.780
10.5	2125.731	2080.951	2051.975	2040.561	2021.244
11.0	2120.462	2074.804	2044.073	2031.780	2011.586
11.5	2114.316	2068.658	2036.171	2022.122	2001.927
12.0	2108.170	2061.634	2027.390	2012.464	1991.391
12.5	2102.902	2054.609	2018.610	2001.927	1979.976
13.0	2095.877	2047.585	2009.830	1991.391	1969.440
13.5	2088.853	2039.683	2000.171	1979.976	1958.025
14.0	2082.707	2031.780	1991.391	1969.440	1946.611
14.5	2074.804	2023.878	1980.854	1958.025	1934.318
15.0	2067.780	2015.976	1971.196	1945.733	1922.904
15.5	2059.878	2007.195	1959.781	1933.440	1909.733
16.0	2053.731	1999.293	1949.245	1921.148	1896.563
16.5	2047.585	1990.513	1937.830	1907.977	1883.392
17.0	2039.683	1981.732	1926.416	1894.806	1870.221
17.5	2028.268	1972.952	1915.001	1881.636	1856.173
18.0	2017.732	1965.050	1903.587	1867.587	1841.246
18.5	2007.195	1954.513	1891.294	1853.539	1826.320
19.0	1998.415	1943.099	1879.002	1838.612	1811.393
19.5	1988.757	1931.684	1866.709	1823.685	1795.588
20.0	1979.098	1920.270	1853.539	1809.637	1778.905
20.5	1968.562	1908.855	1841.246	1794.710	1763.101
21.0	1958.025	1898.319	1828.076	1778.905	1746.418
21.5	1947.489	1886.904	1814.905	1763.979	1730.613
22.0	1936.074	1874.612	1800.856	1748.174	1713.931
22.5	1925.538	1863.197	1787.686	1731.491	1698.126
23.0	1913.245	1850.905	1775.393	1715.687	1682.321
23.5	1901.831	1837.734	1761.345	1699.882	1665.639
24.0	1889.538	1825.441	1745.540	1684.077	1649.834
24.5	1877.246	1812.271	1730.613	1668.273	1633.151
25.0	1864.953	1799.978	1714.809	1651.590	1616.468
25.5	1852.661	1785.930	1699.882	1635.785	1599.786
26.0	1839.490	1772.759	1684.077	1619.102	1583.981
26.5	1827.198	1758.711	1669.151	1603.298	1568.176

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**CANDELA TABULATION - (Cont.)**

27.0	1813.149	1745.540	1653.346	1587.493	1551.494
27.5	1799.978	1730.613	1638.419	1571.688	1533.933
28.0	1786.808	1716.565	1622.615	1555.884	1518.128
28.5	1773.637	1702.516	1606.810	1539.201	1502.323
29.0	1759.589	1687.589	1591.883	1522.518	1486.519
29.5	1744.662	1672.663	1576.079	1505.836	1470.714
30.0	1730.613	1657.736	1560.274	1490.031	1454.031
30.5	1715.687	1643.688	1545.347	1474.226	1437.349
31.0	1700.760	1628.761	1529.543	1457.543	1420.666
31.5	1684.955	1612.956	1512.860	1440.861	1404.861
32.0	1670.029	1598.030	1497.055	1424.178	1388.178
32.5	1654.224	1582.225	1481.250	1407.495	1371.496
33.0	1639.297	1566.420	1464.568	1390.813	1354.813
33.5	1623.493	1550.616	1448.763	1375.008	1338.130
34.0	1607.688	1534.811	1432.958	1358.325	1321.448
34.5	1592.761	1518.128	1415.398	1341.642	1304.765
35.0	1576.957	1502.323	1399.593	1324.082	1288.082
35.5	1561.152	1485.641	1382.910	1307.399	1272.277
36.0	1544.469	1469.836	1367.106	1291.594	1255.595
36.5	1528.665	1453.153	1350.423	1274.912	1239.790
37.0	1512.860	1436.471	1333.740	1257.351	1223.107
37.5	1496.177	1419.788	1317.057	1241.546	1208.181
38.0	1480.372	1403.105	1300.375	1224.863	1191.498
38.5	1463.690	1386.422	1284.570	1209.059	1175.693
39.0	1447.007	1369.740	1267.009	1192.376	1159.888
39.5	1430.324	1353.057	1250.326	1176.571	1144.084
40.0	1412.764	1336.374	1233.644	1159.888	1128.279
40.5	1395.203	1319.691	1216.961	1144.962	1113.352
41.0	1378.520	1303.009	1200.278	1129.157	1096.670
41.5	1360.959	1285.448	1183.596	1113.352	1080.865
42.0	1343.398	1268.765	1167.791	1096.670	1065.938
42.5	1326.716	1251.204	1151.108	1080.865	1050.134
43.0	1309.155	1234.522	1135.303	1065.938	1035.207
43.5	1291.594	1216.961	1117.743	1051.012	1020.280
44.0	1274.033	1200.278	1101.938	1035.207	1005.354
44.5	1256.473	1183.596	1085.255	1019.402	990.427
45.0	1239.790	1166.035	1069.451	1004.476	975.500
45.5	1222.229	1149.352	1053.646	989.549	960.574
46.0	1204.668	1132.669	1037.841	974.622	946.525
46.5	1187.986	1115.109	1021.158	959.696	931.599
47.0	1170.425	1098.426	1005.354	944.769	917.550
47.5	1153.742	1081.743	990.427	928.964	903.501
48.0	1136.181	1065.060	974.622	914.916	888.575
48.5	1118.621	1048.378	959.696	899.989	875.053
49.0	1101.938	1030.817	943.013	885.941	860.916
49.5	1084.377	1014.134	928.086	870.926	846.780
50.0	1067.694	998.329	912.282	856.263	832.644
50.5	1050.134	981.647	897.355	842.390	819.210
51.0	1033.451	964.964	881.550	828.780	805.863
51.5	1015.890	948.281	866.712	814.907	791.288
52.0	999.208	932.477	851.258	800.595	777.591
52.5	981.647	915.794	835.980	786.283	764.420
53.0	964.964	899.989	820.878	772.147	750.371
53.5	947.403	884.184	806.478	758.888	737.640
54.0	930.721	867.590	791.903	745.806	724.206
54.5	914.038	851.346	777.064	732.372	711.035

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**CANDELA TABULATION - (Cont.)**

55.0	896.477	835.453	762.313	718.499	697.865
55.5	879.794	819.736	748.001	704.450	684.431
56.0	863.024	804.107	734.040	690.928	671.699
56.5	846.604	788.654	719.816	678.197	659.055
57.0	830.097	773.025	705.767	665.641	646.939
57.5	813.941	757.747	692.158	652.382	634.383
58.0	797.873	742.733	678.285	638.861	621.475
58.5	782.332	727.718	664.148	625.602	608.920
59.0	766.440	713.143	650.100	612.783	597.154
59.5	750.810	698.567	636.402	600.227	585.037
60.0	735.094	684.167	623.232	588.022	572.569
60.5	719.816	669.768	610.237	575.730	560.364
61.0	704.626	655.280	597.066	563.174	548.598
61.5	689.348	640.792	583.369	550.530	536.481
62.0	674.070	626.744	570.022	538.062	524.364
62.5	658.880	612.871	557.379	526.033	512.599
63.0	643.602	598.734	545.262	514.267	501.096
63.5	628.236	584.686	533.145	503.204	489.594
64.0	612.958	570.549	520.677	492.140	478.092
64.5	597.681	556.501	507.770	480.199	466.853
65.0	582.315	542.628	495.126	467.731	455.790
65.5	567.037	528.667	483.184	456.492	444.902
66.0	551.847	514.706	471.507	446.395	434.453
66.5	536.569	500.833	459.653	436.034	423.829
67.0	521.379	487.136	447.273	424.795	412.941
67.5	506.277	473.526	434.805	412.678	401.878
68.0	491.175	459.741	422.336	400.210	390.551
68.5	476.248	446.043	409.956	388.620	379.313
69.0	461.497	432.346	398.190	377.820	368.425
69.5	446.746	419.000	386.600	367.108	357.449
70.0	432.083	405.654	374.308	355.342	345.859
70.5	417.683	392.220	361.752	342.698	334.357
71.0	403.195	378.786	349.371	330.581	323.030
71.5	388.971	365.527	337.254	319.694	312.055
72.0	374.835	352.708	325.664	309.596	301.431
72.5	360.874	340.064	314.513	299.148	291.245
73.0	347.176	327.508	303.187	287.997	280.884
73.5	333.567	314.865	291.509	276.845	270.172
74.0	320.221	302.396	279.831	266.133	259.987
74.5	307.050	290.192	268.768	256.036	250.417
75.0	294.143	278.338	258.143	246.114	240.582
75.5	281.411	266.572	247.695	236.104	230.485
76.0	268.855	254.894	236.983	226.183	220.914
76.5	256.475	243.129	226.358	215.997	211.519
77.0	244.182	231.626	215.646	205.988	201.773
77.5	232.153	220.300	205.461	196.154	191.851
78.0	220.124	209.061	195.539	186.583	182.456
78.5	208.271	197.998	185.617	177.100	173.500
79.0	196.768	187.198	175.695	167.793	164.632
79.5	185.354	176.573	165.949	158.662	155.852
80.0	174.203	166.125	156.466	149.530	146.984
80.5	163.140	155.852	147.071	140.486	137.940
81.0	152.427	145.754	137.589	131.618	129.072
81.5	141.979	135.920	128.457	123.013	120.642
82.0	131.706	126.438	119.764	114.760	112.565
82.5	121.696	117.130	111.160	106.769	104.750

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**CANDELA TABULATION - (Cont.)**

83.0	111.862	107.911	102.730	98.691	97.111
83.5	102.204	98.779	94.214	90.701	89.472
84.0	92.809	89.999	85.697	82.799	81.658
84.5	83.677	81.394	77.443	75.072	74.106
85.0	74.721	72.965	69.716	67.609	67.170
85.5	65.941	64.624	62.165	60.585	60.672
86.0	57.424	56.370	54.790	54.087	54.087
86.5	49.170	48.468	47.414	47.238	47.414
87.0	41.092	40.829	40.214	40.214	40.478
87.5	33.365	33.102	33.190	33.629	33.804
88.0	25.902	26.078	26.868	27.483	27.746
88.5	18.966	19.580	21.073	21.249	21.424
89.0	12.819	13.785	14.663	13.258	13.171
89.5	8.868	9.132	6.849	6.497	7.200
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-L10-927-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-L10-927-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-L10-927-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	758.27	N.A.	15.70
0-30	1552.39	N.A.	32.10
0-40	2436.5	N.A.	50.40
0-60	3972.66	N.A.	82.20
0-80	4753.73	N.A.	98.30
0-90	4833.73	N.A.	100.00
10-90	4632.82	N.A.	95.80
20-40	1678.24	N.A.	34.70
20-50	2517.21	N.A.	52.10
40-70	2038.08	N.A.	42.20
60-80	781.06	N.A.	16.20
70-80	279.14	N.A.	5.80
80-90	80.01	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	4833.73	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	200.91
10-20	557.36
20-30	794.12
30-40	884.12
40-50	838.97
50-60	697.19
60-70	501.93
70-80	279.14
80-90	80.01
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-L10-927-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-L10-927-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	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.3	22.6
	3H	23.3	24.7	23.7	25.1	25.4	22.1	23.5	22.5	23.9	24.2
	4H	23.9	25.3	24.3	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.5	25.7	25.0	26.1	26.5	23.3	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.1	26.6	23.4	24.6	23.9	25.0	25.4

UGR Viewed Endwise

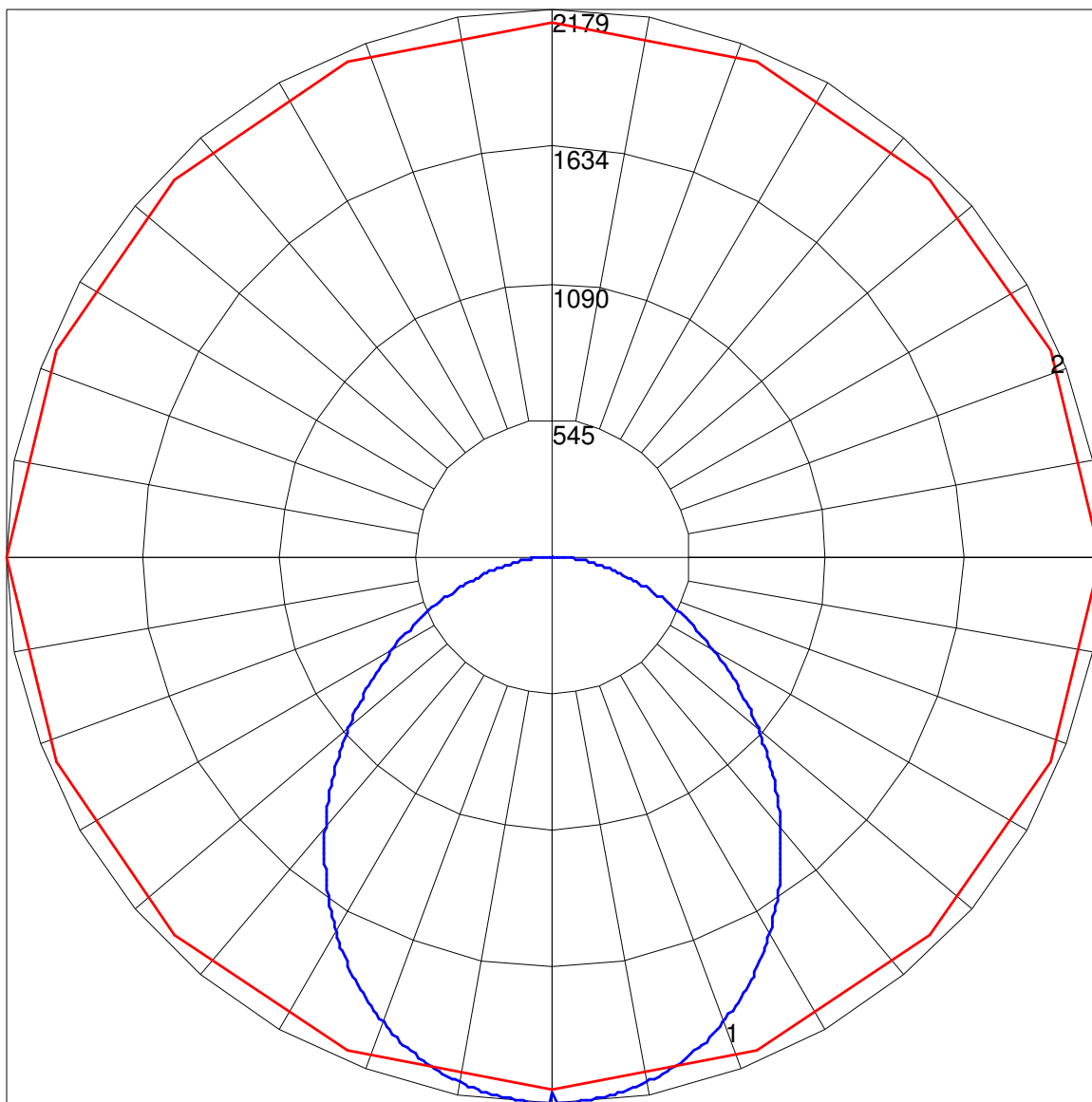
4H	2H	22.1	23.4	22.5	23.7	24.1	21.1	22.4	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.7	24.7	24.2	25.2	25.6
	6H	25.3	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.6	26.1
	8H	25.5	26.3	26.0	26.8	27.3	24.5	25.3	25.0	25.8	26.2
	12H	25.7	26.4	26.2	26.9	27.3	24.7	25.4	25.2	25.9	26.3

8H	4H	25.0	25.8	25.4	26.2	26.7	24.1	24.9	24.5	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.4	25.3	25.9	26.4
	8H	25.9	26.5	26.4	27.0	27.5	25.0	25.6	25.5	26.2	26.6
	12H	26.2	26.7	26.7	27.2	27.7	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.8	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.8	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 2179.291 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.)