



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX5-4-L12-835-S-DMA-DRV-UNV.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.04

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 1-SEP-2021

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] LRX5-4-L12-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] white LEDs

[BALLAST] (1) Everline Driver

[OTHER] This test was performed using the calibrated photodetector method

[MORE] of absolute photometry.

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Indoor, Architectural, Classroom, Commercial, Office, Direct, Linear

[_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4816
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	38.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.94 ft
Luminous Width (90-270)	0.44 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10994	9637	8816
55	9550	8163	7395
65	8054	6862	6229
75	6415	5585	5165
85	4647	4285	4169

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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	2107.860	2107.860	2107.860	2107.860	2107.860
0.5	2134.747	2108.485	2099.106	2105.984	2101.607
1.0	2134.747	2107.860	2098.480	2105.984	2100.982
1.5	2133.497	2107.234	2098.480	2105.359	2100.356
2.0	2132.871	2106.609	2097.230	2104.733	2099.731
2.5	2131.621	2105.359	2095.979	2103.483	2098.480
3.0	2130.370	2104.108	2094.729	2102.232	2096.604
3.5	2129.120	2102.857	2093.478	2100.982	2095.354
4.0	2127.869	2100.982	2091.602	2099.106	2092.853
4.5	2125.993	2099.106	2089.726	2096.604	2090.352
5.0	2124.117	2096.604	2087.225	2094.103	2087.225
5.5	2121.616	2094.729	2084.724	2090.977	2084.099
6.0	2119.115	2092.227	2081.597	2087.850	2080.347
6.5	2117.239	2089.101	2078.471	2084.099	2076.595
7.0	2114.113	2085.975	2075.345	2080.347	2072.843
7.5	2110.986	2082.848	2071.593	2075.970	2068.466
8.0	2107.860	2079.722	2067.841	2071.593	2064.089
8.5	2104.733	2075.970	2063.464	2066.590	2059.087
9.0	2100.982	2072.218	2059.087	2060.963	2053.459
9.5	2097.230	2068.466	2054.085	2055.335	2047.832
10.0	2093.478	2064.089	2049.082	2049.708	2041.579
10.5	2089.101	2059.712	2043.455	2043.455	2034.701
11.0	2084.724	2054.710	2037.827	2036.576	2027.822
11.5	2080.347	2049.708	2032.199	2029.698	2020.319
12.0	2075.345	2044.705	2025.321	2022.820	2012.190
12.5	2070.342	2039.078	2019.068	2014.691	2004.687
13.0	2064.715	2033.450	2012.190	2007.188	1995.932
13.5	2059.087	2027.197	2005.312	1999.059	1987.804
14.0	2053.459	2020.944	1998.434	1990.305	1979.050
14.5	2047.206	2014.691	1990.930	1981.551	1969.670
15.0	2040.953	2007.813	1982.801	1972.797	1960.291
15.5	2034.701	2000.935	1974.673	1963.417	1950.911
16.0	2027.822	1993.431	1965.918	1953.413	1940.907
16.5	2020.319	1985.928	1957.164	1943.408	1930.277
17.0	2012.815	1978.424	1947.785	1933.403	1919.022
17.5	2005.312	1970.295	1938.406	1922.773	1907.766
18.0	1997.808	1962.167	1929.026	1911.518	1895.886
18.5	1989.680	1953.413	1919.022	1899.637	1884.005
19.0	1981.551	1944.659	1908.392	1887.757	1871.499
19.5	1973.422	1935.904	1897.762	1875.251	1858.368
20.0	1964.668	1926.525	1887.132	1862.120	1844.612
20.5	1955.914	1917.146	1875.876	1848.989	1830.855
21.0	1946.534	1907.766	1864.621	1835.232	1816.474
21.5	1937.155	1897.762	1853.366	1820.851	1802.092
22.0	1927.150	1887.757	1840.860	1806.469	1787.710
22.5	1917.771	1877.127	1828.979	1792.087	1773.328
23.0	1907.141	1866.497	1816.474	1777.706	1758.321
23.5	1897.136	1855.242	1803.342	1762.698	1742.689
24.0	1886.506	1843.986	1790.211	1747.691	1727.682
24.5	1875.876	1832.106	1777.080	1732.684	1712.050
25.0	1863.996	1820.225	1763.324	1717.677	1696.418
25.5	1852.741	1808.345	1749.567	1702.670	1680.160
26.0	1841.485	1795.839	1735.186	1687.663	1663.902
26.5	1829.605	1783.333	1720.804	1672.031	1648.270

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CANDELA TABULATION - (Cont.)

27.0	1817.099	1770.827	1706.422	1656.399	1632.638
27.5	1804.593	1757.696	1692.040	1640.767	1616.380
28.0	1792.087	1743.940	1677.033	1625.134	1600.123
28.5	1778.956	1730.183	1662.026	1608.877	1583.865
29.0	1765.825	1716.427	1647.019	1592.619	1567.607
29.5	1752.694	1702.670	1631.387	1576.361	1551.350
30.0	1738.937	1688.289	1615.755	1559.479	1534.467
30.5	1725.181	1673.907	1600.123	1542.596	1518.209
31.0	1711.425	1659.525	1584.490	1525.713	1500.701
31.5	1697.043	1645.144	1568.233	1508.830	1483.818
32.0	1682.661	1630.137	1551.975	1491.322	1466.310
32.5	1668.279	1615.130	1535.717	1473.814	1448.802
33.0	1653.272	1599.497	1518.835	1456.305	1430.668
33.5	1638.891	1583.865	1501.952	1438.172	1412.535
34.0	1623.258	1568.233	1485.069	1420.664	1394.401
34.5	1608.251	1551.975	1468.186	1402.530	1376.268
35.0	1592.619	1536.343	1450.678	1385.022	1358.134
35.5	1576.987	1519.460	1433.170	1366.889	1340.001
36.0	1560.729	1503.202	1415.661	1348.755	1321.868
36.5	1544.472	1486.319	1398.153	1330.622	1303.734
37.0	1528.214	1468.811	1380.020	1312.488	1285.601
37.5	1511.331	1451.928	1362.512	1294.355	1267.467
38.0	1495.073	1435.045	1344.378	1276.221	1249.334
38.5	1477.565	1417.537	1326.245	1257.462	1231.200
39.0	1460.682	1400.029	1308.736	1239.954	1213.067
39.5	1443.174	1381.896	1290.603	1221.821	1195.559
40.0	1425.666	1364.387	1272.469	1203.687	1177.425
40.5	1408.158	1346.879	1254.336	1185.554	1159.292
41.0	1390.650	1328.746	1236.828	1167.420	1141.783
41.5	1373.142	1311.238	1218.694	1149.287	1123.650
42.0	1355.008	1293.104	1201.186	1131.153	1105.516
42.5	1336.875	1275.596	1183.053	1113.020	1088.008
43.0	1319.366	1257.462	1164.919	1095.512	1069.875
43.5	1301.233	1239.329	1146.786	1077.378	1052.367
44.0	1283.099	1221.821	1128.652	1059.870	1034.233
44.5	1264.966	1203.687	1110.519	1042.362	1016.725
45.0	1246.832	1185.554	1093.011	1024.854	999.842
45.5	1228.699	1167.420	1074.877	1007.971	982.334
46.0	1209.940	1148.662	1056.744	990.463	965.451
46.5	1191.807	1130.528	1039.236	972.955	948.568
47.0	1173.673	1111.769	1021.727	956.072	931.685
47.5	1154.289	1093.636	1003.594	939.189	914.802
48.0	1135.530	1075.502	986.086	922.306	898.545
48.5	1116.772	1057.369	969.203	905.423	882.287
49.0	1098.013	1038.610	951.695	888.540	866.030
49.5	1079.254	1020.477	934.186	872.283	849.772
50.0	1061.121	1002.343	916.678	855.400	833.514
50.5	1042.362	984.210	899.795	839.142	817.257
51.0	1024.228	966.076	882.287	822.884	801.625
51.5	1005.470	947.943	865.404	806.627	785.992
52.0	987.336	930.435	848.521	790.995	770.360
52.5	968.577	912.926	831.639	774.737	754.728
53.0	950.444	894.793	815.381	759.105	739.721
53.5	932.311	877.285	799.123	744.098	724.714
54.0	914.177	860.402	782.866	728.465	709.707
54.5	896.044	842.894	766.608	713.458	694.700

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CANDELA TABULATION - (Cont.)

55.0	878.535	826.011	750.976	699.077	680.318
55.5	861.027	809.753	734.718	684.070	665.311
56.0	842.894	792.245	719.086	669.688	651.554
56.5	825.386	775.988	704.079	655.306	637.173
57.0	808.503	759.105	688.447	640.924	623.166
57.5	790.995	742.847	673.440	627.168	609.847
58.0	774.112	726.589	658.433	613.287	596.529
58.5	756.603	710.332	643.426	599.593	583.272
59.0	739.721	694.700	629.044	586.024	570.079
59.5	723.463	679.067	614.350	572.455	556.885
60.0	706.580	663.435	599.843	558.949	544.004
60.5	690.323	647.803	585.649	545.880	531.248
61.0	674.065	632.170	571.705	532.686	518.742
61.5	657.807	616.851	557.886	519.805	506.237
62.0	641.550	601.656	544.067	506.862	493.793
62.5	625.292	586.587	530.498	494.168	481.350
63.0	609.347	571.767	517.054	481.537	469.157
63.5	593.340	556.823	503.798	469.157	456.963
64.0	577.395	542.128	490.854	457.089	445.208
64.5	561.700	527.747	477.911	445.145	433.640
65.0	545.943	513.240	465.155	433.390	422.260
65.5	530.498	498.796	452.399	421.760	410.942
66.0	515.178	484.601	439.705	410.317	399.749
66.5	499.796	470.407	427.137	398.936	388.682
67.0	484.789	456.526	414.694	387.681	377.802
67.5	469.907	442.582	402.438	376.551	367.172
68.0	454.837	428.950	390.245	365.358	356.354
68.5	440.081	415.256	378.114	354.165	345.536
69.0	425.574	401.750	366.046	342.973	334.656
69.5	411.192	388.369	353.728	331.780	323.839
70.0	397.186	375.050	341.785	320.775	313.146
70.5	383.367	361.982	330.092	309.957	302.579
71.0	369.673	349.038	318.524	299.265	292.199
71.5	356.166	336.345	307.143	288.697	281.944
72.0	342.785	323.714	295.763	278.318	271.877
72.5	329.466	311.395	284.570	268.000	261.935
73.0	316.523	299.140	273.690	257.870	252.118
73.5	303.642	287.259	263.060	247.928	242.488
74.0	290.948	275.566	252.555	238.174	233.046
74.5	278.568	264.061	242.176	228.544	223.667
75.0	266.312	252.681	231.858	219.040	214.413
75.5	254.244	241.425	221.666	209.660	205.221
76.0	242.363	230.358	211.661	200.406	196.279
76.5	230.670	219.478	201.844	191.339	187.400
77.0	219.165	208.848	192.215	182.398	178.771
77.5	207.847	198.405	182.710	173.706	170.205
78.0	196.779	188.025	173.394	165.077	161.638
78.5	185.837	177.833	164.139	156.448	153.259
79.0	175.144	167.766	155.072	147.944	145.005
79.5	164.702	157.824	146.068	139.628	136.876
80.0	154.572	148.257	137.314	131.561	129.060
80.5	144.755	138.815	128.873	123.620	121.369
81.0	135.188	129.623	120.556	115.804	113.741
81.5	125.746	120.619	112.365	108.176	106.362
82.0	116.492	111.740	104.361	100.610	98.984
82.5	107.300	103.111	96.483	93.231	91.793

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CANDELA TABULATION - (Cont.)

83.0	98.421	94.669	88.854	86.103	84.727
83.5	89.792	86.478	81.351	79.037	77.911
84.0	81.288	78.537	74.035	72.096	71.221
84.5	73.034	70.721	66.906	65.280	64.718
85.0	64.968	63.092	59.903	58.590	58.277
85.5	57.089	55.588	52.962	52.024	52.024
86.0	49.461	48.335	46.209	45.709	45.959
86.5	42.082	41.394	39.769	39.581	40.081
87.0	35.016	34.704	33.516	33.641	34.391
87.5	28.138	28.263	27.388	27.951	28.888
88.0	21.573	22.010	21.573	22.448	23.261
88.5	15.507	16.070	15.757	16.070	16.133
89.0	10.380	10.755	10.692	11.068	11.881
89.5	7.066	6.566	6.878	8.191	9.129
90.0	4.189	3.377	3.814	4.940	5.565
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 : LRX5-4-L12-835-S-DMA-DRV-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 : LRX5-4-L12-835-S-DMA-DRV-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 : LRX5-4-L12-835-S-DMA-DRV-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	759.36	N.A.	15.80
0-30	1573.38	N.A.	32.70
0-40	2485.84	N.A.	51.60
0-60	4023.75	N.A.	83.60
0-80	4746.11	N.A.	98.60
0-90	4815.79	N.A.	100.00
10-90	4616.94	N.A.	95.90
20-40	1726.48	N.A.	35.80
20-50	2579.85	N.A.	53.60
40-70	2008.68	N.A.	41.70
60-80	722.36	N.A.	15.00
70-80	251.59	N.A.	5.20
80-90	69.68	N.A.	1.40
90-110	0.12	N.A.	0.00
90-120	0.12	N.A.	0.00
90-130	0.12	N.A.	0.00
90-150	0.12	N.A.	0.00
90-180	0.12	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4815.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	198.85
10-20	560.51
20-30	814.02
30-40	912.46
40-50	853.36
50-60	684.55
60-70	470.77
70-80	251.59
80-90	69.68
90-100	0.12
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 : LRX5-4-L12-835-S-DMA-DRV-UNV.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	95	95	95	95	93	93	93	93	88	88	88	85	85	85	81	81	81	80
1	87	84	81	78	85	82	79	76	79	76	74	75	74	72	73	71	70	68
2	80	74	69	64	78	72	68	64	70	66	62	67	64	61	65	62	59	58
3	73	65	59	54	71	64	59	54	62	57	53	60	56	52	58	54	51	50
4	67	58	52	47	66	57	51	46	55	50	46	54	49	45	52	48	45	43
5	62	53	46	41	61	52	45	41	50	44	40	49	44	40	47	43	39	38
6	58	48	41	36	56	47	40	36	45	40	35	44	39	35	43	38	35	33
7	54	43	37	32	52	43	36	32	42	36	32	40	35	31	39	35	31	30
8	50	40	33	29	49	39	33	29	38	33	29	37	32	28	36	32	28	27
9	47	37	30	26	46	36	30	26	35	30	26	34	29	26	34	29	26	24
10	44	34	28	24	43	34	28	24	33	27	24	32	27	24	31	27	23	22

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX5-4-L12-835-S-DMA-DRV-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	20.4	22.0	20.8	22.3	22.6	19.1	20.7	19.5	21.0	21.3
	3H	22.0	23.4	22.4	23.7	24.1	20.7	22.1	21.0	22.4	22.7
	4H	22.5	23.9	22.9	24.2	24.6	21.2	22.5	21.6	22.9	23.2
	6H	22.9	24.2	23.3	24.5	24.9	21.6	22.8	22.0	23.2	23.6
	8H	23.1	24.2	23.5	24.6	25.0	21.8	22.9	22.2	23.3	23.7
	12H	23.1	24.2	23.6	24.6	25.1	21.8	22.9	22.3	23.3	23.8

UGR Viewed Endwise

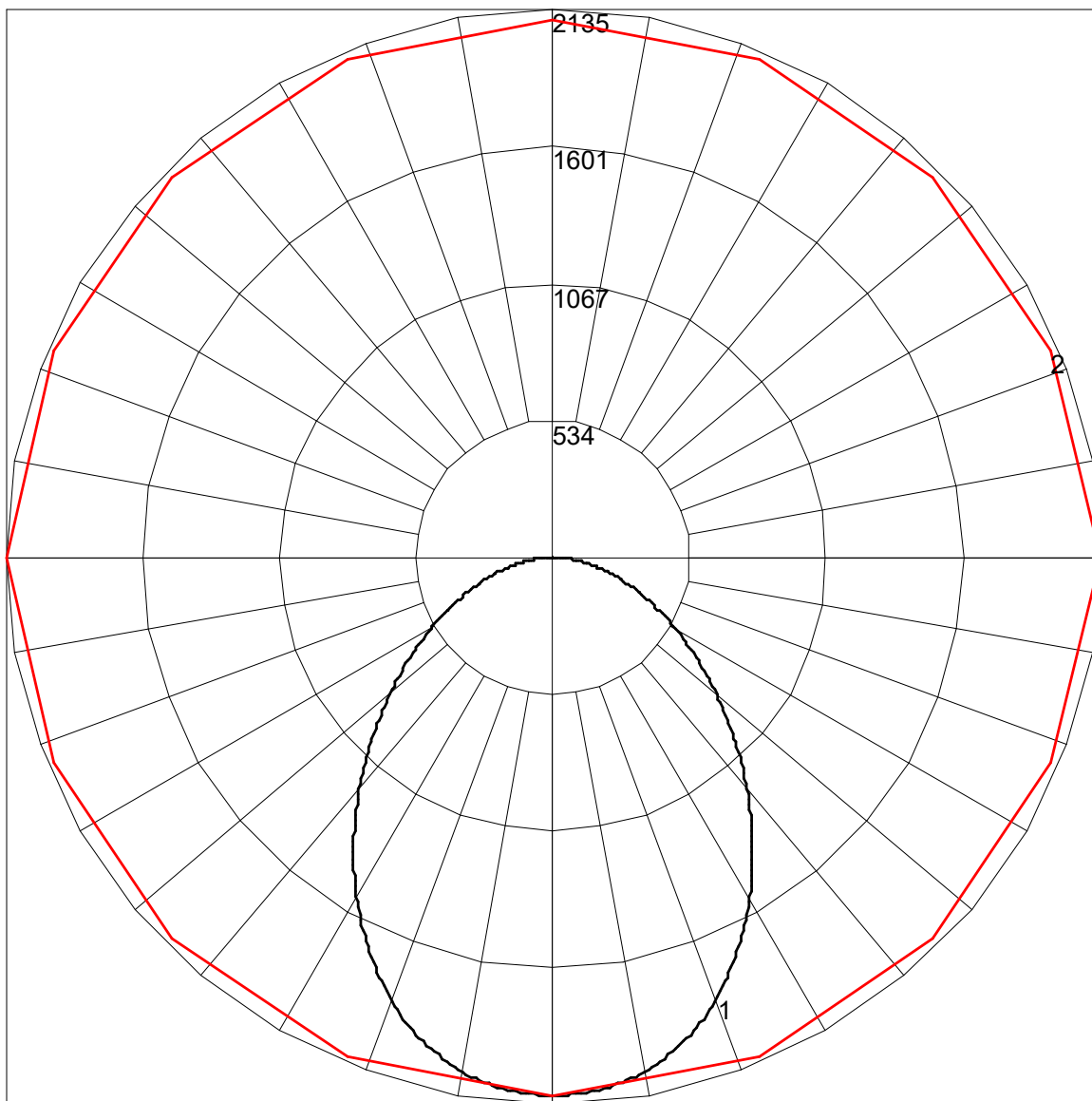
4H	2H	20.8	22.1	21.2	22.5	22.9	19.8	21.1	20.2	21.4	21.8
	3H	22.6	23.7	23.0	24.1	24.5	21.5	22.6	21.9	23.0	23.4
	4H	23.3	24.3	23.7	24.7	25.1	22.2	23.2	22.6	23.6	24.0
	6H	23.8	24.7	24.3	25.1	25.6	22.7	23.5	23.1	24.0	24.4
	8H	24.0	24.8	24.4	25.2	25.7	22.9	23.7	23.3	24.1	24.6
	12H	24.1	24.8	24.6	25.3	25.8	23.0	23.7	23.5	24.2	24.7

8H	4H	23.5	24.3	23.9	24.7	25.2	22.5	23.3	22.9	23.7	24.2
	6H	24.1	24.8	24.6	25.3	25.7	23.1	23.8	23.6	24.3	24.7
	8H	24.3	24.9	24.9	25.4	25.9	23.4	23.9	23.9	24.5	24.9
	12H	24.5	25.1	25.0	25.5	26.1	23.5	24.1	24.1	24.6	25.1

12H	4H	23.5	24.2	24.0	24.7	25.2	22.5	23.2	23.0	23.7	24.2
	6H	24.1	24.7	24.7	25.2	25.7	23.2	23.8	23.7	24.2	24.8
	8H	24.4	24.9	24.9	25.4	26.0	23.4	24.0	24.0	24.5	25.0

Maximum UGR = 26.1

POLAR GRAPH



Maximum Candela = 2134.747 Located At Horizontal Angle = 0, Vertical Angle = .5

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)