



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX3-4-L10-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13638856.01

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 31 AUG, 2021

[MANUFAC] WILLIAMS INDOOR

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

[LUMCAT] LRX3-4-L10-835-DMA-DIM-UNV

[LUMINAIRE] White steel housing, frosted lens enclosure

[LAMP] 144 white LEDs

[BALLAST] (1) Everline D15CC55UNVPW-C Driver

[OTHER] 25.4 C, 120.095 V, 0.28531 A, 34.019 W, 0.992846 PF, 60.0072 H

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

[MORE] hod of absolute photometry.

[_SEARCH_SOURCE] 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	4051
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	35.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.02
Spacing Criterion (Diagonal)	1.18
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.94 ft
Luminous Width (90-270)	0.27 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15900	12468	10737
55	13654	10399	9105
65	11375	8792	7873
75	8930	7273	6727
85	6395	5786	5701

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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	1922.776	1922.776	1922.776	1922.776	1922.776
0.5	1950.169	1923.830	1914.348	1921.723	1914.348
1.0	1950.169	1923.830	1913.294	1921.723	1913.294
1.5	1950.169	1922.776	1912.240	1920.669	1913.294
2.0	1949.116	1921.723	1912.240	1919.615	1911.187
2.5	1948.062	1920.669	1910.133	1917.508	1910.133
3.0	1947.008	1919.615	1909.080	1916.455	1908.026
3.5	1945.955	1918.562	1906.973	1914.348	1904.865
4.0	1943.848	1916.455	1904.865	1911.187	1901.705
4.5	1942.794	1914.348	1901.705	1908.026	1898.544
5.0	1940.687	1912.240	1899.598	1904.865	1894.330
5.5	1938.580	1910.133	1896.437	1900.651	1890.115
6.0	1936.473	1906.973	1892.222	1896.437	1885.901
6.5	1934.366	1903.812	1889.062	1891.169	1880.633
7.0	1931.205	1901.705	1884.847	1885.901	1875.365
7.5	1929.098	1897.490	1880.633	1880.633	1869.044
8.0	1925.937	1894.330	1875.365	1874.312	1862.722
8.5	1922.776	1891.169	1871.151	1867.990	1856.401
9.0	1919.615	1886.955	1864.830	1860.615	1849.026
9.5	1916.455	1882.740	1859.562	1853.240	1841.651
10.0	1912.240	1878.526	1853.240	1845.865	1833.222
10.5	1908.026	1873.258	1846.919	1838.490	1824.794
11.0	1903.812	1869.044	1840.597	1829.008	1815.311
11.5	1899.598	1863.776	1833.222	1820.579	1805.829
12.0	1894.330	1857.454	1825.847	1811.097	1795.293
12.5	1889.062	1852.187	1818.472	1801.615	1785.811
13.0	1884.847	1845.865	1810.044	1792.133	1775.276
13.5	1879.580	1840.597	1801.615	1781.597	1763.686
14.0	1873.258	1833.222	1793.186	1771.061	1752.097
14.5	1866.937	1826.901	1784.758	1759.472	1740.508
15.0	1861.669	1820.579	1775.276	1747.883	1727.865
15.5	1855.347	1813.204	1765.793	1736.293	1715.222
16.0	1847.972	1805.829	1755.258	1723.650	1702.579
16.5	1841.651	1797.401	1745.775	1711.007	1688.882
17.0	1834.276	1790.026	1735.240	1698.365	1675.186
17.5	1826.901	1781.597	1724.704	1684.668	1661.489
18.0	1820.579	1774.222	1713.115	1670.972	1645.686
18.5	1813.204	1764.740	1701.525	1656.221	1630.936
19.0	1805.829	1756.311	1689.936	1641.471	1615.132
19.5	1797.401	1746.829	1678.347	1626.721	1598.275
20.0	1788.972	1737.347	1665.704	1610.918	1581.418
20.5	1780.543	1727.865	1653.061	1595.114	1564.560
21.0	1772.115	1718.382	1639.364	1578.257	1547.703
21.5	1762.633	1707.847	1626.721	1562.453	1529.792
22.0	1754.204	1697.311	1614.078	1545.596	1512.935
22.5	1744.722	1686.775	1599.328	1527.685	1495.024
23.0	1735.240	1676.239	1585.632	1510.828	1477.114
23.5	1724.704	1664.650	1570.882	1493.971	1460.256
24.0	1714.168	1653.061	1556.132	1477.114	1442.346
24.5	1703.632	1641.471	1542.435	1459.203	1424.435
25.0	1694.150	1629.882	1526.632	1442.346	1405.470
25.5	1682.561	1618.293	1511.882	1425.488	1387.560
26.0	1672.025	1605.650	1496.078	1407.578	1369.649
26.5	1660.436	1593.007	1481.328	1390.720	1351.738

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CANDELA TABULATION - (Cont.)

27.0	1648.846	1580.364	1465.524	1373.863	1333.827
27.5	1637.257	1566.668	1449.721	1355.952	1315.916
28.0	1625.668	1554.025	1433.917	1339.095	1298.006
28.5	1613.025	1540.328	1418.113	1321.184	1280.095
29.0	1601.436	1526.632	1402.310	1304.327	1263.238
29.5	1588.793	1512.935	1386.506	1286.416	1245.327
30.0	1576.150	1499.239	1370.702	1269.559	1227.416
30.5	1563.507	1485.542	1353.845	1251.648	1210.559
31.0	1550.864	1470.792	1338.042	1233.737	1192.648
31.5	1537.167	1456.042	1321.184	1216.880	1174.737
32.0	1523.471	1441.292	1304.327	1198.969	1157.880
32.5	1509.774	1426.542	1287.470	1182.112	1141.023
33.0	1495.024	1411.792	1270.613	1164.201	1124.166
33.5	1481.328	1395.988	1253.755	1147.344	1106.255
34.0	1466.578	1381.238	1236.898	1129.433	1089.398
34.5	1452.881	1365.434	1220.041	1111.523	1071.487
35.0	1438.131	1349.631	1202.130	1094.665	1054.630
35.5	1422.328	1333.827	1185.273	1077.808	1038.194
36.0	1407.578	1318.024	1168.416	1060.951	1021.547
36.5	1391.774	1301.166	1151.559	1043.883	1005.217
37.0	1377.024	1285.363	1134.701	1027.131	988.886
37.5	1361.220	1269.559	1117.844	1010.801	972.345
38.0	1345.417	1252.702	1100.987	994.470	956.436
38.5	1329.613	1236.898	1084.130	978.456	940.422
39.0	1313.809	1220.041	1068.326	962.547	924.934
39.5	1298.006	1203.184	1051.469	946.743	909.341
40.0	1281.148	1186.327	1034.928	931.150	894.381
40.5	1265.345	1169.469	1018.597	915.663	879.420
41.0	1248.488	1152.612	1002.372	900.491	864.775
41.5	1232.684	1135.755	986.358	885.425	850.025
42.0	1215.827	1119.951	970.238	870.570	835.696
42.5	1198.969	1103.094	954.013	855.714	821.473
43.0	1183.166	1086.237	937.893	840.859	807.461
43.5	1166.309	1069.380	922.090	826.425	793.659
44.0	1149.451	1052.733	906.181	811.991	779.962
44.5	1132.594	1036.192	890.482	797.768	766.582
45.0	1115.737	1019.335	874.890	783.650	753.412
45.5	1098.880	1002.794	859.297	769.848	740.453
46.0	1082.023	985.936	844.020	756.151	727.494
46.5	1064.112	969.290	828.427	742.666	714.641
47.0	1047.255	952.749	813.466	729.285	701.892
47.5	1030.081	936.208	798.611	716.116	689.249
48.0	1013.119	919.877	783.861	703.051	676.712
48.5	996.051	903.231	769.216	690.198	664.280
49.0	978.561	887.006	754.782	677.555	652.164
49.5	961.283	870.464	740.348	665.123	640.047
50.0	943.899	854.345	726.019	652.690	628.247
50.5	926.831	838.014	712.007	640.574	616.447
51.0	909.552	821.789	697.994	628.458	604.963
51.5	892.800	805.564	684.192	616.447	593.585
52.0	876.154	789.339	670.496	604.647	582.311
52.5	859.297	773.430	656.905	592.953	571.460
53.0	843.072	757.732	643.524	581.363	560.502
53.5	826.320	742.244	630.249	569.879	549.756
54.0	809.884	726.967	617.290	558.501	539.220
54.5	793.448	711.796	604.542	547.122	528.684

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CANDELA TABULATION - (Cont.)

55.0	777.223	696.835	591.899	536.059	518.254
55.5	761.103	681.874	579.361	524.997	507.929
56.0	745.300	667.230	566.929	514.145	497.709
56.5	729.496	652.690	554.708	503.399	487.595
57.0	713.798	638.467	542.697	492.863	477.586
57.5	698.205	624.454	530.897	482.432	467.682
58.0	682.507	610.653	519.308	472.002	457.884
58.5	666.914	596.956	507.718	461.888	447.981
59.0	651.321	583.260	496.340	451.773	438.288
59.5	636.044	569.669	484.961	441.764	428.595
60.0	620.978	556.183	473.688	431.966	419.007
60.5	606.122	542.802	462.625	422.168	409.525
61.0	591.372	529.738	451.773	412.580	400.254
61.5	576.727	516.674	441.132	403.098	391.087
62.0	562.083	503.820	430.491	393.616	382.027
62.5	547.438	490.966	419.850	384.239	372.966
63.0	532.899	478.218	409.420	374.968	364.116
63.5	518.570	465.575	399.095	365.907	355.477
64.0	504.558	453.038	388.980	356.846	346.837
64.5	490.756	440.500	378.866	347.996	338.409
65.0	477.059	428.173	368.752	339.251	330.191
65.5	463.468	416.163	358.637	330.612	322.078
66.0	449.772	404.152	348.734	321.973	313.966
66.5	436.180	392.352	338.935	313.334	305.853
67.0	422.800	380.657	329.242	304.800	297.846
67.5	409.630	369.068	319.760	296.266	289.628
68.0	396.566	357.584	310.278	287.626	281.410
68.5	383.712	346.205	300.796	279.198	272.771
69.0	370.859	334.932	291.314	270.664	264.553
69.5	358.005	323.764	281.832	262.340	256.230
70.0	345.362	312.701	272.665	253.912	248.117
70.5	332.825	301.850	263.499	245.694	240.215
71.0	320.498	291.103	254.649	237.581	232.208
71.5	308.382	280.567	245.799	229.574	224.412
72.0	296.476	270.032	236.949	221.567	216.721
72.5	284.676	259.706	228.205	213.771	209.135
73.0	272.982	249.487	219.671	206.079	201.760
73.5	261.708	239.478	211.242	198.494	194.385
74.0	250.751	229.574	203.024	191.013	187.115
74.5	240.005	219.987	194.912	183.638	179.845
75.0	229.363	210.399	186.799	176.263	172.786
75.5	218.828	201.128	178.792	168.994	165.728
76.0	208.503	191.856	170.890	161.829	158.879
76.5	198.388	182.901	163.199	154.665	152.031
77.0	188.590	174.051	155.508	147.711	145.183
77.5	179.108	165.306	148.027	140.758	138.545
78.0	169.520	156.772	140.547	133.910	131.908
78.5	160.144	148.449	133.172	127.167	125.270
79.0	150.977	140.231	125.902	120.529	118.843
79.5	141.811	132.118	118.843	113.997	112.417
80.0	132.961	124.111	111.890	107.465	106.095
80.5	124.322	116.420	105.252	101.143	99.984
81.0	115.999	108.834	98.720	94.927	93.874
81.5	107.675	101.354	92.188	88.922	87.974
82.0	99.563	93.979	85.761	82.916	82.074
82.5	91.661	86.709	79.440	77.122	76.279

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CANDELA TABULATION - (Cont.)

83.0	83.970	79.756	73.224	71.327	70.695
83.5	76.490	72.907	67.218	65.743	65.111
84.0	69.325	66.165	61.423	60.159	59.738
84.5	62.372	59.632	55.629	54.681	54.470
85.0	55.313	53.206	50.045	49.307	49.307
85.5	48.570	46.884	44.461	44.145	44.356
86.0	42.038	40.668	38.982	39.088	39.298
86.5	35.822	34.768	33.609	34.136	34.557
87.0	29.922	29.184	28.552	29.395	30.027
87.5	24.127	23.705	23.600	24.759	25.602
88.0	18.543	18.438	18.859	20.334	21.072
88.5	13.170	13.591	14.223	14.961	14.750
89.0	8.218	8.850	9.061	9.904	10.430
89.5	3.793	5.057	5.900	7.270	8.113
90.0	1.264	2.529	3.161	3.898	4.320
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 : LRX3-4-L10-835-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 : LRX3-4-L10-835-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 : LRX3-4-L10-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	682.20	N.A.	16.80
0-30	1388.45	N.A.	34.30
0-40	2152.58	N.A.	53.10
0-60	3404.01	N.A.	84.00
0-80	3992.7	N.A.	98.60
0-90	4051.1	N.A.	100.00
10-90	3870.38	N.A.	95.50
20-40	1470.38	N.A.	36.30
20-50	2167.48	N.A.	53.50
40-70	1633.76	N.A.	40.30
60-80	588.69	N.A.	14.50
70-80	206.36	N.A.	5.10
80-90	58.39	N.A.	1.40
90-110	0.08	N.A.	0.00
90-120	0.08	N.A.	0.00
90-130	0.08	N.A.	0.00
90-150	0.08	N.A.	0.00
90-180	0.08	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4051.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	180.72
10-20	501.49
20-30	706.24
30-40	764.13
40-50	697.10
50-60	554.33
60-70	382.33
70-80	206.36
80-90	58.39
90-100	0.08
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 : LRX3-4-L10-835-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	125	125	125	125	123	123	123	123	117	117	117	112	112	112	108	108	108	105
1	116	111	107	103	113	109	105	102	104	101	98	100	98	95	96	94	92	90
2	106	98	91	86	103	96	90	85	92	87	83	89	85	81	86	82	79	77
3	97	87	79	73	95	86	78	72	82	76	71	80	74	70	77	72	69	66
4	90	78	69	63	87	77	69	62	74	67	62	72	66	61	69	64	60	58
5	83	70	61	55	81	69	61	55	67	60	54	65	59	53	63	57	53	51
6	77	64	55	49	75	63	54	48	61	54	48	59	53	48	58	52	47	45
7	72	58	50	43	70	57	49	43	56	48	43	54	48	43	53	47	42	40
8	67	54	45	39	66	53	45	39	51	44	39	50	43	39	49	43	38	36
9	63	49	41	36	61	49	41	35	48	40	35	47	40	35	45	39	35	33
10	59	46	38	33	58	45	38	32	44	37	32	43	37	32	42	36	32	30

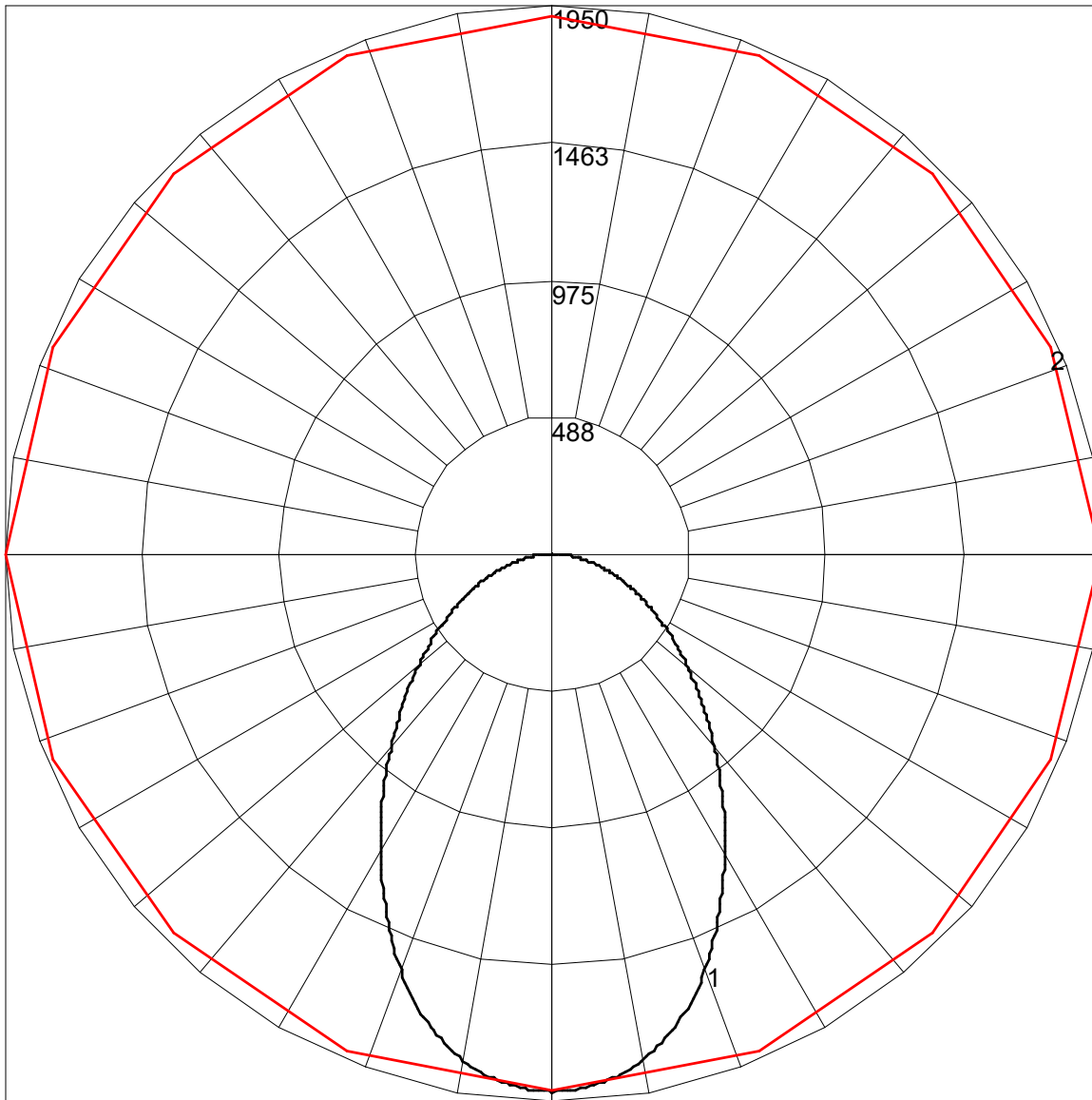
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX3-4-L10-835-DMA-DIM-UNV_.IES

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					UGR Viewed Endwise				
X=2H	Y=2H	20.6	22.1	20.9	22.4	22.7	18.6	20.1	19.0	20.4	20.8
	3H	22.1	23.5	22.5	23.9	24.2	20.2	21.6	20.6	21.9	22.3
	4H	22.7	24.0	23.1	24.3	24.7	20.8	22.1	21.2	22.4	22.8
	6H	23.1	24.3	23.5	24.7	25.1	21.2	22.4	21.6	22.8	23.2
	8H	23.2	24.4	23.6	24.8	25.2	21.4	22.5	21.8	22.9	23.3
	12H	23.3	24.4	23.7	24.8	25.2	21.5	22.6	21.9	23.0	23.4
4H	2H	20.9	22.2	21.3	22.5	22.9	19.3	20.6	19.7	20.9	21.3
	3H	22.7	23.8	23.1	24.2	24.6	21.1	22.2	21.5	22.6	23.0
	4H	23.4	24.4	23.8	24.8	25.2	21.8	22.7	22.2	23.2	23.6
	6H	23.9	24.8	24.4	25.2	25.7	22.3	23.2	22.8	23.6	24.1
	8H	24.1	24.9	24.5	25.3	25.8	22.5	23.3	23.0	23.8	24.2
	12H	24.2	24.9	24.7	25.4	25.9	22.7	23.4	23.2	23.9	24.3
8H	4H	23.5	24.3	24.0	24.8	25.2	22.1	22.9	22.6	23.3	23.8
	6H	24.2	24.8	24.7	25.3	25.8	22.8	23.4	23.3	23.9	24.4
	8H	24.4	25.0	24.9	25.5	26.0	23.0	23.6	23.5	24.1	24.6
	12H	24.6	25.1	25.1	25.6	26.2	23.3	23.8	23.8	24.3	24.9
12H	4H	23.6	24.3	24.0	24.7	25.2	22.1	22.8	22.6	23.3	23.8
	6H	24.2	24.8	24.7	25.3	25.8	22.8	23.4	23.4	23.9	24.4
	8H	24.5	25.0	25.0	25.5	26.1	23.2	23.7	23.7	24.2	24.7

Maximum UGR = 26.2

POLAR GRAPH



Maximum Candela = 1950.169 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.)