



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-830-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] LRX2-4-L10-830-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	3988
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	36.4
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)	4.00 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	23286	20087	18322
55	20758	17652	16159
65	18300	15560	14324
75	15094	13247	12346
85	11386	10624	10236

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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	1766.766	1766.766	1766.766	1766.766	1766.766
0.5	1797.915	1768.215	1758.074	1762.420	1753.727
1.0	1797.915	1767.491	1758.074	1762.420	1753.003
1.5	1797.190	1767.491	1757.349	1761.696	1752.279
2.0	1796.466	1766.042	1755.900	1760.971	1750.105
2.5	1795.741	1764.593	1755.176	1758.798	1748.657
3.0	1794.293	1763.144	1753.003	1757.349	1745.759
3.5	1792.844	1761.696	1750.830	1754.452	1742.862
4.0	1791.395	1760.247	1748.657	1752.279	1740.688
4.5	1789.946	1758.074	1746.484	1749.381	1737.067
5.0	1788.498	1755.900	1742.862	1745.759	1733.445
5.5	1785.600	1753.003	1739.964	1741.413	1728.374
6.0	1783.427	1750.105	1736.342	1737.791	1724.028
6.5	1781.254	1747.932	1732.720	1732.720	1718.957
7.0	1778.356	1744.310	1729.098	1727.650	1713.886
7.5	1775.459	1741.413	1724.752	1722.579	1708.091
8.0	1772.561	1737.067	1720.406	1716.784	1703.021
8.5	1768.939	1733.445	1715.335	1710.989	1696.501
9.0	1765.317	1729.823	1710.264	1704.469	1689.982
9.5	1761.696	1725.476	1704.469	1697.226	1682.738
10.0	1758.074	1721.130	1698.674	1690.706	1676.219
10.5	1753.727	1716.784	1692.879	1683.462	1667.526
11.0	1749.381	1711.713	1686.360	1676.219	1659.558
11.5	1744.310	1706.643	1679.840	1668.250	1651.590
12.0	1739.240	1700.847	1672.597	1660.282	1642.897
12.5	1734.893	1695.052	1665.353	1651.590	1633.480
13.0	1729.098	1689.257	1658.109	1642.897	1624.787
13.5	1723.303	1682.738	1650.141	1633.480	1615.370
14.0	1718.233	1676.219	1642.897	1624.787	1605.954
14.5	1711.713	1669.699	1634.204	1615.370	1595.812
15.0	1705.918	1663.180	1626.236	1605.229	1586.395
15.5	1699.399	1655.936	1616.819	1595.088	1575.530
16.0	1694.328	1649.416	1608.127	1584.946	1564.664
16.5	1689.257	1642.173	1598.710	1574.081	1553.798
17.0	1682.738	1634.929	1589.293	1563.215	1542.932
17.5	1673.321	1627.685	1579.876	1552.349	1531.342
18.0	1664.628	1621.166	1570.459	1540.759	1519.028
18.5	1655.936	1612.473	1560.318	1529.169	1506.713
19.0	1648.692	1603.056	1550.176	1516.855	1494.399
19.5	1640.724	1593.639	1540.035	1504.540	1481.360
20.0	1632.756	1584.222	1529.169	1492.950	1467.597
20.5	1624.063	1574.805	1519.028	1480.636	1454.558
21.0	1615.370	1566.113	1508.162	1467.597	1440.795
21.5	1606.678	1556.696	1497.296	1455.282	1427.756
22.0	1597.261	1546.554	1485.706	1442.243	1413.992
22.5	1588.568	1537.137	1474.841	1428.480	1400.954
23.0	1578.427	1526.996	1464.699	1415.441	1387.915
23.5	1569.010	1516.130	1453.109	1402.402	1374.151
24.0	1558.869	1505.989	1440.070	1389.364	1361.113
24.5	1548.727	1495.123	1427.756	1376.325	1347.349
25.0	1538.586	1484.982	1414.717	1362.561	1333.586
25.5	1528.445	1473.392	1402.402	1349.523	1319.823
26.0	1517.579	1462.526	1389.364	1335.759	1306.784
26.5	1507.438	1450.936	1377.049	1322.720	1293.745

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CANDELA TABULATION - (Cont.)

27.0	1495.848	1440.070	1364.010	1309.682	1279.982
27.5	1484.982	1427.756	1351.696	1296.643	1265.494
28.0	1474.116	1416.166	1338.657	1283.604	1252.455
28.5	1463.250	1404.576	1325.618	1269.841	1239.417
29.0	1451.660	1392.261	1313.303	1256.077	1226.378
29.5	1439.346	1379.947	1300.265	1242.314	1213.339
30.0	1427.756	1367.632	1287.226	1229.275	1199.576
30.5	1415.441	1356.042	1274.911	1216.236	1185.812
31.0	1403.127	1343.727	1261.872	1202.473	1172.049
31.5	1390.088	1330.689	1248.109	1188.710	1159.010
32.0	1377.773	1318.374	1235.070	1174.947	1145.247
32.5	1364.735	1305.335	1222.031	1161.183	1131.484
33.0	1352.420	1292.296	1208.268	1147.420	1117.720
33.5	1339.381	1279.258	1195.229	1134.381	1103.957
34.0	1326.342	1266.219	1182.190	1120.618	1090.194
34.5	1314.028	1252.455	1167.703	1106.855	1076.431
35.0	1300.989	1239.417	1154.664	1092.367	1062.667
35.5	1287.950	1225.653	1140.901	1078.604	1049.629
36.0	1274.187	1212.614	1127.862	1065.565	1035.865
36.5	1261.148	1198.851	1114.099	1051.802	1022.827
37.0	1248.109	1185.088	1100.335	1037.314	1009.063
37.5	1234.346	1171.325	1086.572	1024.275	996.749
38.0	1221.307	1157.561	1072.809	1010.512	982.986
38.5	1207.544	1143.798	1059.770	997.473	969.947
39.0	1193.781	1130.035	1045.282	983.710	956.908
39.5	1180.017	1116.272	1031.519	970.671	943.869
40.0	1165.530	1102.508	1017.756	956.908	930.830
40.5	1151.042	1088.745	1003.993	944.593	918.516
41.0	1137.279	1074.982	990.229	931.554	904.752
41.5	1122.791	1060.494	976.466	918.516	891.713
42.0	1108.304	1046.731	963.427	904.752	879.399
42.5	1094.540	1032.243	949.664	891.713	866.360
43.0	1080.053	1018.480	936.625	879.399	854.046
43.5	1065.565	1003.993	922.138	867.085	841.731
44.0	1051.077	990.229	909.099	854.046	829.417
44.5	1036.590	976.466	895.335	841.007	817.102
45.0	1022.827	961.978	882.297	828.692	804.788
45.5	1008.339	948.215	869.258	816.378	792.473
46.0	993.851	934.452	856.219	804.063	780.883
46.5	980.088	919.964	842.456	791.749	768.569
47.0	965.600	906.201	829.417	779.434	756.979
47.5	951.837	892.438	817.102	766.396	745.388
48.0	937.350	878.675	804.063	754.805	733.074
48.5	922.862	864.911	791.749	742.491	721.918
49.0	909.099	850.424	777.986	730.901	710.256
49.5	894.611	836.661	765.671	718.514	698.593
50.0	880.848	823.622	752.632	706.417	686.931
50.5	866.360	809.858	740.318	694.972	675.848
51.0	852.597	796.095	727.279	683.744	664.837
51.5	838.109	782.332	715.037	672.298	652.813
52.0	824.346	769.293	702.288	660.491	641.512
52.5	809.858	755.530	689.684	648.684	630.646
53.0	796.095	742.491	677.224	637.021	619.056
53.5	781.608	729.452	665.344	626.083	608.553
54.0	767.844	715.761	653.320	615.290	597.470
54.5	754.081	702.360	641.078	604.207	586.604

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55.0	739.593	689.249	628.908	592.761	575.738
55.5	725.830	676.282	617.101	581.171	564.655
56.0	711.994	663.388	605.583	570.016	554.152
56.5	698.449	650.639	593.848	559.512	543.721
57.0	684.830	637.745	582.258	549.154	533.724
57.5	671.502	625.141	571.030	538.215	523.366
58.0	658.245	612.754	559.585	527.060	512.717
58.5	645.424	600.367	547.922	516.122	502.358
59.0	632.313	588.343	536.332	505.546	492.652
59.5	619.419	576.318	525.032	495.187	482.655
60.0	606.452	564.438	514.166	485.118	472.369
60.5	593.848	552.558	503.445	474.977	462.300
61.0	581.316	540.606	492.579	464.618	452.593
61.5	568.712	528.654	481.279	454.187	442.597
62.0	556.108	517.063	470.268	443.901	432.601
62.5	543.576	505.618	459.837	433.977	422.894
63.0	530.972	493.956	449.841	424.270	413.404
63.5	518.295	482.366	439.844	415.143	403.915
64.0	505.691	470.703	429.558	406.016	394.426
64.5	493.086	459.113	418.910	396.164	385.154
65.0	480.410	447.668	408.479	385.878	376.026
65.5	467.805	436.150	398.627	376.606	367.044
66.0	455.274	424.632	388.993	368.275	358.424
66.5	442.669	413.187	379.214	359.728	349.659
67.0	430.138	401.887	369.000	350.456	340.677
67.5	417.678	390.659	358.714	340.459	331.549
68.0	405.219	379.286	348.427	330.173	322.205
68.5	392.904	367.986	338.214	320.611	312.933
69.0	380.735	356.685	328.507	311.701	303.950
69.5	368.565	345.675	318.945	302.864	294.896
70.0	356.468	334.664	308.804	293.157	285.334
70.5	344.588	323.581	298.445	282.726	275.844
71.0	332.636	312.498	288.231	272.730	266.500
71.5	320.901	301.560	278.235	263.747	257.445
72.0	309.238	290.984	268.673	255.417	248.680
72.5	297.721	280.553	259.473	246.797	240.277
73.0	286.420	270.194	250.129	237.597	231.730
73.5	275.192	259.763	240.495	228.397	222.892
74.0	264.182	249.477	230.860	219.560	214.489
74.5	253.316	239.408	221.733	211.230	206.594
75.0	242.668	229.629	212.968	203.044	198.481
75.5	232.164	219.922	204.348	194.786	190.150
76.0	221.806	210.288	195.511	186.601	182.254
76.5	211.592	200.581	186.746	178.198	174.503
77.0	201.450	191.092	177.908	169.940	166.463
77.5	191.526	181.747	169.505	161.827	158.277
78.0	181.602	172.475	161.320	153.931	150.526
78.5	171.823	163.348	153.134	146.108	143.138
79.0	162.334	154.438	144.949	138.429	135.822
79.5	152.917	145.673	136.908	130.896	128.578
80.0	143.717	137.053	129.085	123.362	121.261
80.5	134.590	128.578	121.334	115.901	113.800
81.0	125.753	120.247	113.511	108.585	106.484
81.5	117.132	112.134	105.977	101.486	99.530
82.0	108.657	104.311	98.806	94.677	92.866
82.5	100.399	96.632	91.707	88.085	86.419

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CANDELA TABULATION - (Cont.)

83.0	92.286	89.026	84.753	81.420	80.117
83.5	84.318	81.493	77.726	74.829	73.814
84.0	76.567	74.249	70.700	68.309	67.367
84.5	69.034	67.150	63.890	61.935	61.138
85.0	61.645	60.196	57.516	55.777	55.415
85.5	54.401	53.314	51.286	49.982	50.055
86.0	47.375	46.505	45.201	44.622	44.622
86.5	40.565	39.986	39.117	38.972	39.117
87.0	33.901	33.684	33.177	33.177	33.394
87.5	27.526	27.309	27.382	27.744	27.889
88.0	21.369	21.514	22.166	22.673	22.890
88.5	15.647	16.154	17.385	17.530	17.675
89.0	10.576	11.373	12.097	10.938	10.866
89.5	7.316	7.534	5.650	5.360	5.940
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 : LRX2-4-L10-830-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 : LRX2-4-L10-830-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 : LRX2-4-L10-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	625.57	N.A.	15.70
0-30	1280.72	N.A.	32.10
0-40	2010.12	N.A.	50.40
0-60	3277.45	N.A.	82.20
0-80	3921.83	N.A.	98.30
0-90	3987.83	N.A.	100.00
10-90	3822.08	N.A.	95.80
20-40	1384.55	N.A.	34.70
20-50	2076.69	N.A.	52.10
40-70	1681.42	N.A.	42.20
60-80	644.38	N.A.	16.20
70-80	230.29	N.A.	5.80
80-90	66.00	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	3987.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	165.75
10-20	459.82
20-30	655.15
30-40	729.40
40-50	692.15
50-60	575.18
60-70	414.09
70-80	230.29
80-90	66.00
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 : LRX2-4-L10-830-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 : LRX2-4-L10-830-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	22.3	23.9	22.7	24.2	24.5	21.2	22.7	21.5	23.0	23.4
	3H	24.0	25.5	24.4	25.8	26.1	22.8	24.2	23.2	24.6	24.9
	4H	24.7	26.0	25.0	26.3	26.7	23.4	24.8	23.8	25.1	25.5
	6H	25.1	26.3	25.5	26.7	27.1	23.9	25.1	24.3	25.5	25.9
	8H	25.3	26.4	25.7	26.8	27.2	24.1	25.2	24.5	25.6	26.0
	12H	25.3	26.5	25.8	26.8	27.3	24.2	25.3	24.6	25.7	26.1

UGR Viewed Endwise

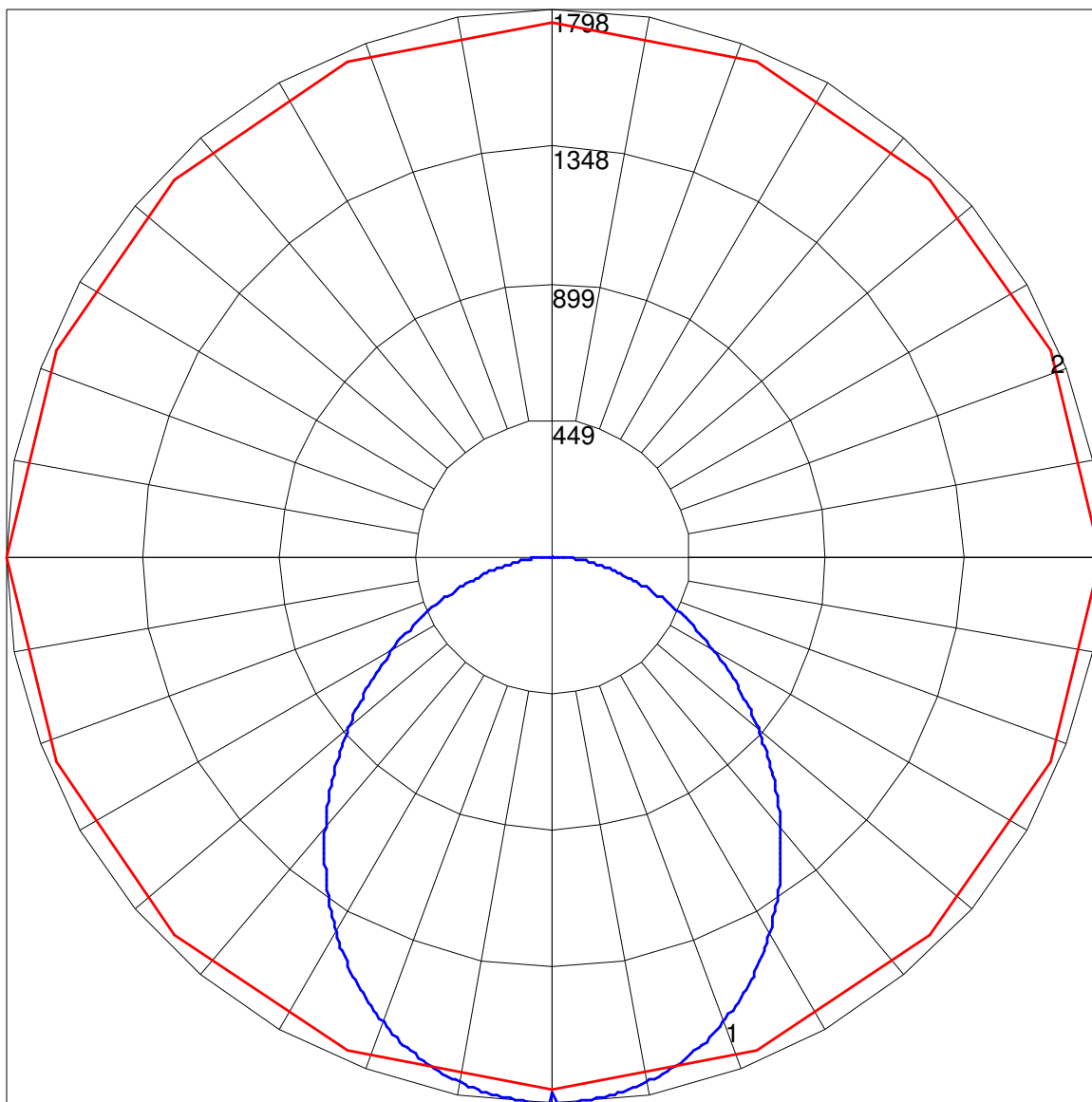
4H	2H	22.8	24.1	23.2	24.4	24.8	21.8	23.2	22.2	23.5	23.9
	3H	24.7	25.8	25.1	26.2	26.6	23.7	24.8	24.1	25.2	25.6
	4H	25.5	26.5	25.9	26.9	27.3	24.4	25.4	24.9	25.9	26.3
	6H	26.1	26.9	26.5	27.4	27.8	25.0	25.9	25.5	26.3	26.8
	8H	26.2	27.1	26.7	27.5	28.0	25.2	26.0	25.7	26.5	26.9
	12H	26.4	27.1	26.9	27.6	28.1	25.4	26.1	25.9	26.6	27.1

8H	4H	25.7	26.5	26.1	26.9	27.4	24.8	25.6	25.2	26.0	26.5
	6H	26.4	27.1	26.9	27.5	28.0	25.5	26.2	26.0	26.6	27.1
	8H	26.6	27.2	27.1	27.8	28.2	25.7	26.4	26.2	26.9	27.3
	12H	26.9	27.4	27.4	27.9	28.4	26.0	26.5	26.5	27.0	27.6

12H	4H	25.7	26.4	26.2	26.9	27.4	24.8	25.5	25.3	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.5	26.2	26.1	26.6	27.2
	8H	26.7	27.3	27.2	27.8	28.3	25.9	26.4	26.4	26.9	27.5

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 1797.915 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.)