



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-4-L10-827-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-L10-827-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	3907
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
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	22816	19681	17952
55	20339	17295	15833
65	17930	15246	14034
75	14789	12979	12096
85	11156	10409	10029

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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	1731.074	1731.074	1731.074	1731.074	1731.074
0.5	1761.593	1732.494	1722.557	1726.816	1718.299
1.0	1761.593	1731.784	1722.557	1726.816	1717.589
1.5	1760.884	1731.784	1721.847	1726.106	1716.879
2.0	1760.174	1730.364	1720.428	1725.396	1714.750
2.5	1759.464	1728.945	1719.718	1723.267	1713.330
3.0	1758.045	1727.525	1717.589	1721.847	1710.491
3.5	1756.625	1726.106	1715.460	1719.008	1707.652
4.0	1755.206	1724.686	1713.330	1716.879	1705.523
4.5	1753.786	1722.557	1711.201	1714.040	1701.974
5.0	1752.367	1720.428	1707.652	1710.491	1698.426
5.5	1749.528	1717.589	1704.813	1706.233	1693.458
6.0	1747.398	1714.750	1701.265	1702.684	1689.199
6.5	1745.269	1712.621	1697.716	1697.716	1684.231
7.0	1742.430	1709.072	1694.167	1692.748	1679.263
7.5	1739.591	1706.233	1689.909	1687.780	1673.585
8.0	1736.752	1701.974	1685.650	1682.102	1668.616
8.5	1733.203	1698.426	1680.682	1676.424	1662.229
9.0	1729.655	1694.877	1675.714	1670.036	1655.841
9.5	1726.106	1690.619	1670.036	1662.938	1648.743
10.0	1722.557	1686.360	1664.358	1656.551	1642.356
10.5	1718.299	1682.102	1658.680	1649.453	1633.839
11.0	1714.040	1677.133	1652.292	1642.356	1626.032
11.5	1709.072	1672.165	1645.904	1634.548	1618.224
12.0	1704.104	1666.487	1638.807	1626.741	1609.707
12.5	1699.845	1660.809	1631.709	1618.224	1600.481
13.0	1694.167	1655.131	1624.612	1609.707	1591.964
13.5	1688.489	1648.743	1616.805	1600.481	1582.737
14.0	1683.521	1642.356	1609.707	1591.964	1573.510
14.5	1677.133	1635.968	1601.190	1582.737	1563.574
15.0	1671.455	1629.580	1593.383	1572.800	1554.347
15.5	1665.068	1622.483	1584.156	1562.864	1543.701
16.0	1660.099	1616.095	1575.639	1552.928	1533.055
16.5	1655.131	1608.998	1566.413	1542.281	1522.408
17.0	1648.743	1601.900	1557.186	1531.635	1511.762
17.5	1639.517	1594.803	1547.959	1520.989	1500.406
18.0	1631.000	1588.415	1538.733	1509.633	1488.340
18.5	1622.483	1579.898	1528.796	1498.277	1476.275
19.0	1615.385	1570.671	1518.860	1486.211	1464.209
19.5	1607.578	1561.444	1508.923	1474.146	1451.434
20.0	1599.771	1552.218	1498.277	1462.790	1437.948
20.5	1591.254	1542.991	1488.340	1450.724	1425.173
21.0	1582.737	1534.474	1477.694	1437.948	1411.688
21.5	1574.220	1525.247	1467.048	1425.883	1398.912
22.0	1564.993	1515.311	1455.692	1413.107	1385.427
22.5	1556.476	1506.084	1445.046	1399.622	1372.652
23.0	1546.540	1496.148	1435.109	1386.847	1359.876
23.5	1537.313	1485.502	1423.753	1374.071	1346.391
24.0	1527.377	1475.565	1410.978	1361.296	1333.616
24.5	1517.440	1464.919	1398.912	1348.520	1320.130
25.0	1507.504	1454.982	1386.137	1335.035	1306.645
25.5	1497.567	1443.626	1374.071	1322.260	1293.160
26.0	1486.921	1432.980	1361.296	1308.774	1280.384
26.5	1476.985	1421.624	1349.230	1295.999	1267.609

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CANDELA TABULATION - (Cont.)

27.0	1465.629	1410.978	1336.455	1283.223	1254.124
27.5	1454.982	1398.912	1324.389	1270.448	1239.929
28.0	1444.336	1387.556	1311.613	1257.673	1227.153
28.5	1433.690	1376.200	1298.838	1244.187	1214.378
29.0	1422.334	1364.135	1286.772	1230.702	1201.603
29.5	1410.268	1352.069	1273.997	1217.217	1188.827
30.0	1398.912	1340.003	1261.221	1204.441	1175.342
30.5	1386.847	1328.647	1249.156	1191.666	1161.857
31.0	1374.781	1316.582	1236.380	1178.181	1148.371
31.5	1362.005	1303.806	1222.895	1164.696	1135.596
32.0	1349.940	1291.740	1210.119	1151.210	1122.111
32.5	1337.164	1278.965	1197.344	1137.725	1108.626
33.0	1325.099	1266.190	1183.859	1124.240	1095.140
33.5	1312.323	1253.414	1171.083	1111.465	1081.655
34.0	1299.548	1240.639	1158.308	1097.979	1068.170
34.5	1287.482	1227.153	1144.113	1084.494	1054.685
35.0	1274.706	1214.378	1131.338	1070.299	1041.200
35.5	1261.931	1200.893	1117.852	1056.814	1028.424
36.0	1248.446	1188.117	1105.077	1044.039	1014.939
36.5	1235.670	1174.632	1091.592	1030.553	1002.163
37.0	1222.895	1161.147	1078.106	1016.358	988.678
37.5	1209.410	1147.662	1064.621	1003.583	976.613
38.0	1196.634	1134.176	1051.136	990.098	963.127
38.5	1183.149	1120.691	1038.361	977.322	950.352
39.0	1169.664	1107.206	1024.166	963.837	937.576
39.5	1156.179	1093.721	1010.680	951.062	924.801
40.0	1141.984	1080.236	997.195	937.576	912.026
40.5	1127.789	1066.750	983.710	925.511	899.960
41.0	1114.304	1053.265	970.225	912.735	886.475
41.5	1100.109	1039.070	956.740	899.960	873.699
42.0	1085.914	1025.585	943.964	886.475	861.633
42.5	1072.428	1011.390	930.479	873.699	848.858
43.0	1058.234	997.905	917.704	861.633	836.792
43.5	1044.039	983.710	903.509	849.568	824.727
44.0	1029.844	970.225	890.733	836.792	812.661
44.5	1015.649	956.740	877.248	824.017	800.595
45.0	1002.163	942.545	864.472	811.951	788.529
45.5	987.969	929.059	851.697	799.885	776.464
46.0	973.774	915.574	838.922	787.820	765.108
46.5	960.288	901.379	825.436	775.754	753.042
47.0	946.093	887.894	812.661	763.688	741.686
47.5	932.608	874.409	800.595	750.913	730.330
48.0	918.413	860.924	787.820	739.557	718.264
48.5	904.218	847.439	775.754	727.491	707.334
49.0	890.733	833.244	762.269	716.135	695.907
49.5	876.538	819.758	750.203	703.999	684.480
50.0	863.053	806.983	737.428	692.146	673.054
50.5	848.858	793.498	725.362	680.932	662.194
51.0	835.373	780.012	712.586	669.931	651.406
51.5	821.178	766.527	700.592	658.717	639.624
52.0	807.693	753.752	688.100	647.148	628.552
52.5	793.498	740.267	675.751	635.579	617.906
53.0	780.012	727.491	663.543	624.152	606.550
53.5	765.818	714.716	651.903	613.435	596.259
54.0	752.332	701.301	640.121	602.860	585.400
54.5	738.847	688.171	628.127	592.000	574.754

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55.0	724.652	675.325	616.203	580.786	564.107
55.5	711.167	662.620	604.634	569.430	553.248
56.0	697.611	649.987	593.349	558.500	542.957
56.5	684.339	637.495	581.851	548.209	532.736
57.0	670.995	624.862	570.495	538.060	522.942
57.5	657.936	612.512	559.494	527.342	512.793
58.0	644.948	600.375	548.280	516.412	502.359
58.5	632.385	588.239	536.853	505.695	492.210
59.0	619.539	576.457	525.497	495.333	482.699
59.5	606.905	564.675	514.425	485.183	472.905
60.0	594.201	553.035	503.779	475.318	462.826
60.5	581.851	541.395	493.275	465.381	452.961
61.0	569.572	529.685	482.628	455.232	443.450
61.5	557.223	517.974	471.556	445.012	433.656
62.0	544.873	506.618	460.768	434.933	423.861
62.5	532.595	495.404	450.548	425.210	414.351
63.0	520.245	483.977	440.753	415.699	405.053
63.5	507.824	472.621	430.959	406.756	395.755
64.0	495.475	461.194	420.880	397.813	386.458
64.5	483.125	449.838	410.447	388.161	377.373
65.0	470.705	438.624	400.227	378.082	368.430
65.5	458.355	427.339	390.574	368.998	359.629
66.0	446.076	416.054	381.134	360.836	351.183
66.5	433.727	404.840	371.553	352.461	342.595
67.0	421.448	393.768	361.545	343.376	333.794
67.5	409.240	382.767	351.467	333.581	324.851
68.0	397.033	371.624	341.389	323.503	315.696
68.5	384.967	360.552	331.381	314.134	306.611
69.0	373.043	349.480	321.870	305.404	297.810
69.5	361.120	338.692	312.502	296.745	288.938
70.0	349.267	327.903	302.565	287.235	279.570
70.5	337.627	317.044	292.416	277.014	270.272
71.0	325.916	306.185	282.409	267.220	261.116
71.5	314.418	295.468	272.614	258.419	252.244
72.0	302.991	285.106	263.245	250.257	243.656
72.5	291.706	274.885	254.232	241.811	235.423
73.0	280.634	264.736	245.076	232.797	227.048
73.5	269.633	254.515	235.636	223.783	218.389
74.0	258.845	244.437	226.197	215.124	210.156
74.5	248.199	234.572	217.254	206.962	202.420
75.0	237.765	224.990	208.666	198.942	194.471
75.5	227.474	215.479	200.220	190.851	186.309
76.0	217.325	206.040	191.561	182.831	178.572
76.5	207.317	196.529	182.973	174.598	170.978
77.0	197.381	187.231	174.314	166.507	163.100
77.5	187.657	178.076	166.081	158.558	155.080
78.0	177.934	168.991	158.061	150.821	147.486
78.5	168.352	160.048	150.041	143.156	140.246
79.0	159.054	151.318	142.020	135.633	133.078
79.5	149.828	142.730	134.142	128.251	125.980
80.0	140.814	134.284	126.477	120.870	118.812
80.5	131.871	125.980	118.883	113.560	111.501
81.0	123.212	117.818	111.217	106.391	104.333
81.5	114.766	109.869	103.836	99.436	97.519
82.0	106.462	102.204	96.810	92.764	90.990
82.5	98.371	94.680	89.854	86.305	84.673

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CANDELA TABULATION - (Cont.)

83.0	90.422	87.228	83.040	79.776	78.498
83.5	82.615	79.847	76.156	73.317	72.323
84.0	75.020	72.749	69.271	66.929	66.007
84.5	67.639	65.794	62.600	60.683	59.903
85.0	60.400	58.980	56.354	54.651	54.296
85.5	53.302	52.237	50.250	48.973	49.044
86.0	46.417	45.566	44.288	43.720	43.720
86.5	39.746	39.178	38.326	38.184	38.326
87.0	33.216	33.003	32.506	32.506	32.719
87.5	26.970	26.757	26.828	27.183	27.325
88.0	20.938	21.080	21.718	22.215	22.428
88.5	15.331	15.827	17.034	17.176	17.318
89.0	10.362	11.143	11.853	10.717	10.646
89.5	7.168	7.381	5.536	5.252	5.820
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-L10-827-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-L10-827-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-L10-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	612.93	N.A.	15.70
0-30	1254.85	N.A.	32.10
0-40	1969.51	N.A.	50.40
0-60	3211.24	N.A.	82.20
0-80	3842.6	N.A.	98.30
0-90	3907.27	N.A.	100.00
10-90	3744.87	N.A.	95.80
20-40	1356.58	N.A.	34.70
20-50	2034.74	N.A.	52.10
40-70	1647.45	N.A.	42.20
60-80	631.36	N.A.	16.20
70-80	225.64	N.A.	5.80
80-90	64.67	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	3907.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	162.40
10-20	450.53
20-30	641.91
30-40	714.66
40-50	678.16
50-60	563.56
60-70	405.72
70-80	225.64
80-90	64.67
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-L10-827-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-L10-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

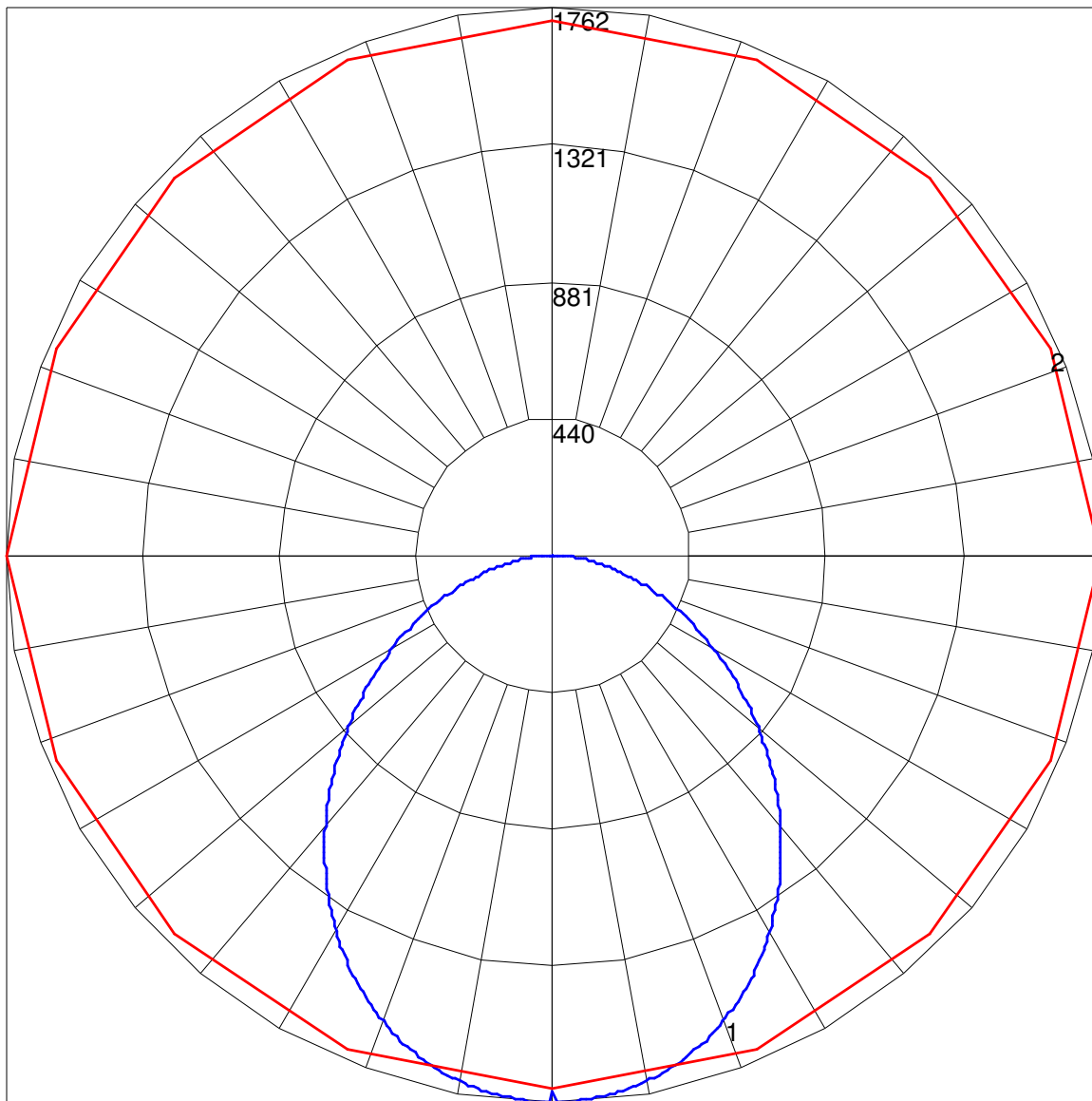
Reflectances

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	22.2	23.8	22.6	24.1	24.4	21.1	22.6	21.4	22.9	23.3
	3H	23.9	25.4	24.3	25.7	26.0	22.7	24.1	23.1	24.5	24.8
	4H	24.6	25.9	25.0	26.2	26.6	23.3	24.7	23.7	25.0	25.4
	6H	25.0	26.2	25.4	26.6	27.0	23.8	25.0	24.2	25.4	25.8
	8H	25.2	26.3	25.6	26.7	27.1	24.0	25.1	24.4	25.5	25.9
	12H	25.2	26.4	25.7	26.7	27.2	24.1	25.2	24.5	25.6	26.0
4H	2H	22.7	24.0	23.1	24.3	24.7	21.7	23.1	22.1	23.4	23.8
	3H	24.6	25.7	25.0	26.1	26.5	23.6	24.7	24.0	25.1	25.5
	4H	25.4	26.4	25.8	26.8	27.2	24.3	25.3	24.8	25.8	26.2
	6H	26.0	26.8	26.4	27.3	27.7	24.9	25.8	25.4	26.2	26.7
	8H	26.1	27.0	26.6	27.4	27.9	25.1	25.9	25.6	26.4	26.9
	12H	26.3	27.0	26.8	27.5	28.0	25.3	26.0	25.8	26.5	27.0
8H	4H	25.6	26.4	26.0	26.8	27.3	24.7	25.5	25.1	25.9	26.4
	6H	26.3	27.0	26.8	27.4	27.9	25.4	26.1	25.9	26.5	27.0
	8H	26.5	27.1	27.0	27.7	28.1	25.6	26.3	26.1	26.8	27.2
	12H	26.8	27.3	27.3	27.8	28.4	25.9	26.4	26.4	26.9	27.5
12H	4H	25.6	26.3	26.1	26.8	27.3	24.7	25.4	25.2	25.9	26.4
	6H	26.3	26.9	26.8	27.4	27.9	25.4	26.1	26.0	26.5	27.1
	8H	26.6	27.2	27.1	27.7	28.2	25.8	26.3	26.3	26.8	27.4

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 1761.593 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.)