



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-835-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN from UL #4792155383.01
[TESTLAB] UL, LLC
[ISSUE DATE] 4/27/2026
[TEST DATE] 3/19/2026
[MANUFAC] H E Williams Inc
[LUMCAT] LRX2x-4-L8/835-DMA-DIM-UNV
[LUMINAIRE] Nominal 2" x 4' suspended linear fixture (CRS construction
[MORE]) with diffused acrylic shielding
[LAMP] (2) 72 LED boards - 144 Total LED
[BALLAST] Eldoled OTI85/120-277/2A3-DIM-1 L*2743W5/57420
[OTHER] 24.7 C, 120.066 V, 0.5744 A, 68.573 W, 0.994304 PF, 59.9893 Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.
[OTHER] The reported results were measured in a facility that meets the
[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no
[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3228
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	30.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.83 ft
Luminous Width (90-270)	0.17 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	20161	17454	15226
55	17817	14943	12364
65	15283	12026	9707
75	12262	8574	6661
85	8072	2555	1384

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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	1535.349	1535.349	1535.349	1535.349	1535.349
0.5	1537.742	1532.956	1536.785	1535.827	1531.520
1.0	1536.785	1532.477	1536.785	1535.349	1531.041
1.5	1536.306	1531.520	1535.349	1533.913	1529.606
2.0	1535.827	1531.041	1534.870	1532.956	1528.170
2.5	1534.870	1530.084	1533.434	1531.041	1526.734
3.0	1533.913	1529.127	1531.999	1529.127	1524.341
3.5	1532.477	1527.691	1529.606	1526.255	1521.948
4.0	1531.041	1525.777	1527.691	1523.862	1518.598
4.5	1529.606	1523.862	1524.820	1520.512	1514.769
5.0	1528.648	1521.948	1522.427	1516.683	1511.419
5.5	1525.777	1519.555	1519.076	1513.333	1507.590
6.0	1523.862	1517.162	1515.726	1509.026	1503.283
6.5	1521.469	1514.290	1512.376	1504.240	1498.497
7.0	1518.598	1510.940	1508.547	1499.932	1492.753
7.5	1515.726	1508.069	1504.240	1494.189	1487.010
8.0	1512.855	1504.718	1499.932	1488.925	1480.788
8.5	1509.504	1500.890	1495.146	1483.181	1475.524
9.0	1505.676	1497.061	1490.360	1476.960	1469.302
9.5	1502.325	1493.711	1485.096	1470.738	1462.123
10.0	1498.497	1489.403	1479.831	1464.037	1454.944
10.5	1495.146	1485.096	1474.088	1456.858	1447.286
11.0	1490.839	1480.310	1467.866	1449.679	1438.672
11.5	1487.010	1476.002	1461.644	1442.022	1431.493
12.0	1484.139	1471.695	1454.944	1434.364	1423.356
12.5	1477.917	1466.909	1448.244	1425.749	1415.220
13.0	1472.174	1461.166	1441.543	1417.613	1406.127
13.5	1467.388	1454.465	1434.364	1409.477	1397.033
14.0	1461.644	1448.244	1426.707	1400.384	1387.940
14.5	1455.901	1441.543	1419.049	1391.290	1378.368
15.0	1450.158	1435.321	1411.870	1382.197	1368.317
15.5	1444.415	1429.100	1404.212	1372.146	1358.267
16.0	1438.193	1422.399	1396.555	1362.574	1348.695
16.5	1432.450	1415.220	1387.940	1353.002	1338.166
17.0	1425.271	1408.041	1378.368	1342.473	1327.158
17.5	1418.570	1400.862	1369.275	1332.422	1316.629
18.0	1412.349	1393.205	1360.181	1321.893	1305.142
18.5	1404.691	1385.547	1350.609	1310.885	1294.134
19.0	1397.512	1377.889	1341.037	1300.835	1283.127
19.5	1390.812	1369.753	1331.465	1289.348	1270.683
20.0	1382.675	1361.617	1321.893	1277.862	1259.197
20.5	1375.496	1353.959	1312.321	1266.854	1247.710
21.0	1367.839	1345.345	1301.792	1255.846	1235.745
21.5	1359.703	1336.730	1291.263	1244.360	1223.780
22.0	1351.566	1328.115	1281.212	1232.395	1211.815
22.5	1343.430	1319.022	1271.162	1220.430	1199.850
23.0	1334.815	1310.407	1260.154	1208.465	1187.407
23.5	1326.679	1301.313	1249.146	1196.979	1174.963
24.0	1317.107	1291.741	1238.138	1184.535	1162.998
24.5	1308.492	1282.169	1226.652	1172.570	1150.554
25.0	1299.399	1272.597	1216.123	1160.126	1138.111
25.5	1290.306	1263.025	1204.636	1147.683	1125.189
26.0	1281.212	1252.496	1193.150	1135.718	1112.745
26.5	1271.640	1242.924	1181.663	1123.274	1099.823

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CANDELA TABULATION - (Cont.)

27.0	1261.590	1232.395	1170.177	1110.831	1087.379
27.5	1251.539	1222.344	1158.212	1098.387	1074.457
28.0	1240.531	1211.815	1146.726	1085.943	1061.535
28.5	1229.523	1201.286	1135.239	1073.978	1048.613
29.0	1219.473	1190.757	1122.796	1061.056	1035.690
29.5	1209.422	1179.749	1110.831	1048.134	1022.290
30.0	1198.414	1168.741	1099.344	1035.690	1010.325
30.5	1188.364	1158.212	1087.379	1022.768	997.402
31.0	1177.356	1147.204	1075.414	1009.846	984.959
31.5	1167.305	1135.718	1062.971	997.402	972.515
32.0	1156.298	1124.231	1051.006	984.480	959.593
32.5	1145.290	1112.745	1038.562	971.079	946.671
33.0	1134.761	1101.259	1026.597	958.636	934.227
33.5	1123.753	1090.251	1014.632	946.671	921.784
34.0	1112.266	1078.286	1002.188	933.749	908.861
34.5	1101.259	1066.799	990.223	921.305	896.896
35.0	1089.772	1055.313	977.780	908.861	883.496
35.5	1079.243	1043.348	965.336	896.418	870.573
36.0	1067.757	1031.862	953.371	883.496	856.694
36.5	1056.270	1019.897	940.928	870.573	844.729
37.0	1045.262	1007.932	928.484	857.173	832.285
37.5	1033.297	995.967	916.998	844.729	820.320
38.0	1020.854	984.480	904.554	832.764	807.877
38.5	1009.367	972.037	892.110	820.799	795.912
39.0	998.360	960.072	878.710	808.355	783.947
39.5	985.916	948.107	865.787	796.390	771.982
40.0	974.430	936.142	853.344	784.904	760.017
40.5	962.465	924.177	841.379	772.460	748.052
41.0	949.542	912.212	829.414	760.974	736.087
41.5	937.577	899.768	816.970	749.009	724.600
42.0	925.134	887.324	805.484	737.523	712.635
42.5	912.690	874.402	793.040	725.558	701.149
43.0	900.725	861.001	782.032	714.071	689.184
43.5	887.803	849.036	770.067	702.585	677.219
44.0	874.402	837.071	758.102	691.098	665.254
44.5	860.523	824.628	746.616	679.612	653.289
45.0	848.558	812.663	734.651	668.126	640.845
45.5	836.593	800.698	723.165	656.639	628.880
46.0	824.149	788.733	711.200	644.674	617.394
46.5	811.706	776.768	699.713	633.188	605.429
47.0	799.262	764.803	688.705	621.223	593.943
47.5	787.297	752.838	677.219	609.736	582.456
48.0	774.853	740.873	665.733	597.771	570.970
48.5	762.888	729.386	654.246	586.285	559.483
49.0	750.923	717.421	643.238	574.799	547.997
49.5	738.480	705.456	631.752	563.312	536.989
50.0	726.993	693.970	620.744	552.304	526.460
50.5	715.028	682.005	609.736	540.818	515.452
51.0	703.063	670.519	598.729	529.810	504.444
51.5	691.098	659.032	587.721	518.802	493.915
52.0	679.133	647.546	576.713	507.795	483.386
52.5	667.647	636.059	565.705	497.265	472.761
53.0	655.682	625.052	554.697	486.258	462.088
53.5	643.717	613.565	543.690	475.681	452.421
54.0	631.752	602.079	532.682	465.103	441.939
54.5	620.266	590.592	521.195	454.718	431.889

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CANDELA TABULATION - (Cont.)

55.0	608.301	579.585	510.188	444.141	422.125
55.5	596.814	568.577	499.180	433.947	412.362
56.0	584.849	557.569	487.693	423.705	402.503
56.5	573.363	546.083	476.877	413.750	392.596
57.0	561.398	535.553	466.013	403.699	383.119
57.5	550.390	524.546	455.149	393.888	373.547
58.0	538.904	513.538	444.332	384.124	364.310
58.5	526.939	502.530	433.755	374.457	354.930
59.0	515.931	491.522	423.082	364.932	345.645
59.5	504.444	480.993	412.505	355.408	336.647
60.0	493.437	470.177	402.120	346.171	327.841
60.5	481.950	459.647	391.926	336.791	318.891
61.0	470.847	449.070	381.731	327.506	310.181
61.5	459.743	438.541	371.537	318.413	301.709
62.0	448.687	428.012	361.391	309.702	293.142
62.5	437.871	417.722	351.340	300.848	284.623
63.0	427.055	407.480	341.433	292.042	276.391
63.5	416.478	397.334	331.526	283.379	268.351
64.0	405.566	387.140	321.811	274.860	260.071
64.5	394.941	377.089	312.143	266.389	252.079
65.0	384.459	366.990	302.523	258.061	244.182
65.5	373.930	356.988	292.999	249.733	236.285
66.0	363.592	347.224	283.570	241.645	228.484
66.5	353.350	337.365	274.334	233.461	220.874
67.0	342.965	327.506	265.001	225.468	213.312
67.5	332.771	317.790	255.955	217.572	205.702
68.0	322.768	307.883	246.766	209.723	198.284
68.5	312.717	297.928	237.960	202.065	190.914
69.0	302.762	287.782	229.154	194.359	183.639
69.5	292.855	277.923	220.443	186.845	176.556
70.0	282.900	268.016	211.828	179.427	169.281
70.5	273.041	258.109	203.309	172.057	162.389
71.0	263.230	248.346	194.886	164.734	155.401
71.5	253.706	238.726	186.606	157.603	148.414
72.0	244.325	229.202	178.470	150.424	141.570
72.5	234.705	219.917	170.429	143.436	134.822
73.0	225.373	210.584	162.533	136.497	128.265
73.5	215.992	201.299	154.779	129.605	121.612
74.0	206.947	192.349	147.122	123.000	115.247
74.5	197.853	183.400	139.608	116.252	108.881
75.0	188.903	174.498	132.094	109.695	102.612
75.5	180.001	165.883	124.819	103.234	96.581
76.0	171.435	157.268	117.688	97.012	90.551
76.5	162.915	148.940	110.604	90.886	84.760
77.0	154.492	140.517	103.713	84.808	79.208
77.5	146.260	132.333	96.916	78.969	73.657
78.0	138.076	124.292	90.216	73.274	68.248
78.5	130.131	116.396	83.564	67.722	62.984
79.0	122.282	108.594	77.150	62.266	57.815
79.5	114.720	100.889	70.929	57.001	52.694
80.0	107.254	93.375	64.898	51.880	47.764
80.5	99.932	86.004	59.059	46.759	42.835
81.0	92.705	78.730	53.507	41.782	38.049
81.5	85.669	71.694	48.051	36.852	33.167
82.0	78.825	64.898	42.883	32.114	28.333
82.5	72.173	58.293	37.809	27.232	23.212

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CANDELA TABULATION - (Cont.)

83.0	65.712	51.880	32.832	22.255	17.708
83.5	59.442	45.658	28.046	16.751	11.821
84.0	53.364	39.772	23.356	11.151	9.141
84.5	47.525	34.124	18.618	8.519	8.088
85.0	41.877	28.764	13.257	7.466	7.179
85.5	36.469	23.739	8.040	6.557	6.318
86.0	31.253	18.953	6.318	5.647	5.456
86.5	26.179	14.454	5.360	4.786	4.595
87.0	21.441	10.051	4.451	3.972	3.781
87.5	16.895	5.312	3.542	3.111	3.015
88.0	12.635	3.350	2.728	2.345	2.202
88.5	8.711	2.489	1.914	1.627	1.532
89.0	5.312	1.627	1.149	0.957	0.909
89.5	2.393	0.861	0.574	0.479	0.383
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 : LRX2X-4-L8-835-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 : LRX2X-4-L8-835-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 : LRX2X-4-L8-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	539.94	N.A.	16.70
0-30	1099.17	N.A.	34.10
0-40	1712.74	N.A.	53.10
0-60	2742.24	N.A.	85.00
0-80	3200.69	N.A.	99.20
0-90	3227.99	N.A.	100.00
10-90	3084.24	N.A.	95.50
20-40	1172.8	N.A.	36.30
20-50	1743.77	N.A.	54.00
40-70	1337.72	N.A.	41.40
60-80	458.45	N.A.	14.20
70-80	150.23	N.A.	4.70
80-90	27.30	N.A.	0.80
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	3227.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	143.75
10-20	396.19
20-30	559.23
30-40	613.57
40-50	570.97
50-60	458.53
60-70	308.22
70-80	150.23
80-90	27.30
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 : LRX2X-4-L8-835-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	227	227	227	227	222	222	222	222	212	212	212	203	203	203	195	195	195	191
1	210	202	194	188	205	197	191	185	189	184	179	182	178	174	175	172	168	165
2	193	178	167	157	188	175	164	155	168	159	151	162	154	148	156	150	145	141
3	177	158	144	133	172	156	142	132	150	139	129	145	135	127	140	132	125	121
4	163	142	126	114	159	139	125	114	135	122	112	130	119	111	126	117	109	105
5	151	128	112	100	147	126	111	99	122	108	98	118	106	97	115	104	96	92
6	140	116	100	88	136	114	99	88	111	97	87	108	96	86	105	94	86	82
7	130	106	90	79	127	104	89	79	101	88	78	99	87	77	96	85	77	73
8	122	97	82	71	119	96	81	71	93	80	70	91	79	70	89	78	70	66
9	114	89	75	64	111	88	74	64	86	73	64	84	72	64	82	71	63	60
10	107	83	68	59	105	82	68	59	80	67	59	78	67	58	77	66	58	55

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-4-L8-835-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

X=2H	Y=2H	19.7	21.3	20.1	21.6	21.9	17.6	19.1	18.0	19.5	19.8
	3H	21.3	22.7	21.7	23.0	23.4	18.9	20.3	19.2	20.6	20.9
	4H	21.9	23.2	22.3	23.5	23.9	19.2	20.5	19.6	20.9	21.3
	6H	22.3	23.5	22.7	23.8	24.2	19.4	20.6	19.8	21.0	21.4
	8H	22.4	23.5	22.8	23.9	24.3	19.4	20.6	19.9	21.0	21.4
	12H	22.4	23.5	22.8	23.9	24.3	19.4	20.5	19.8	20.9	21.3

UGR Viewed Endwise

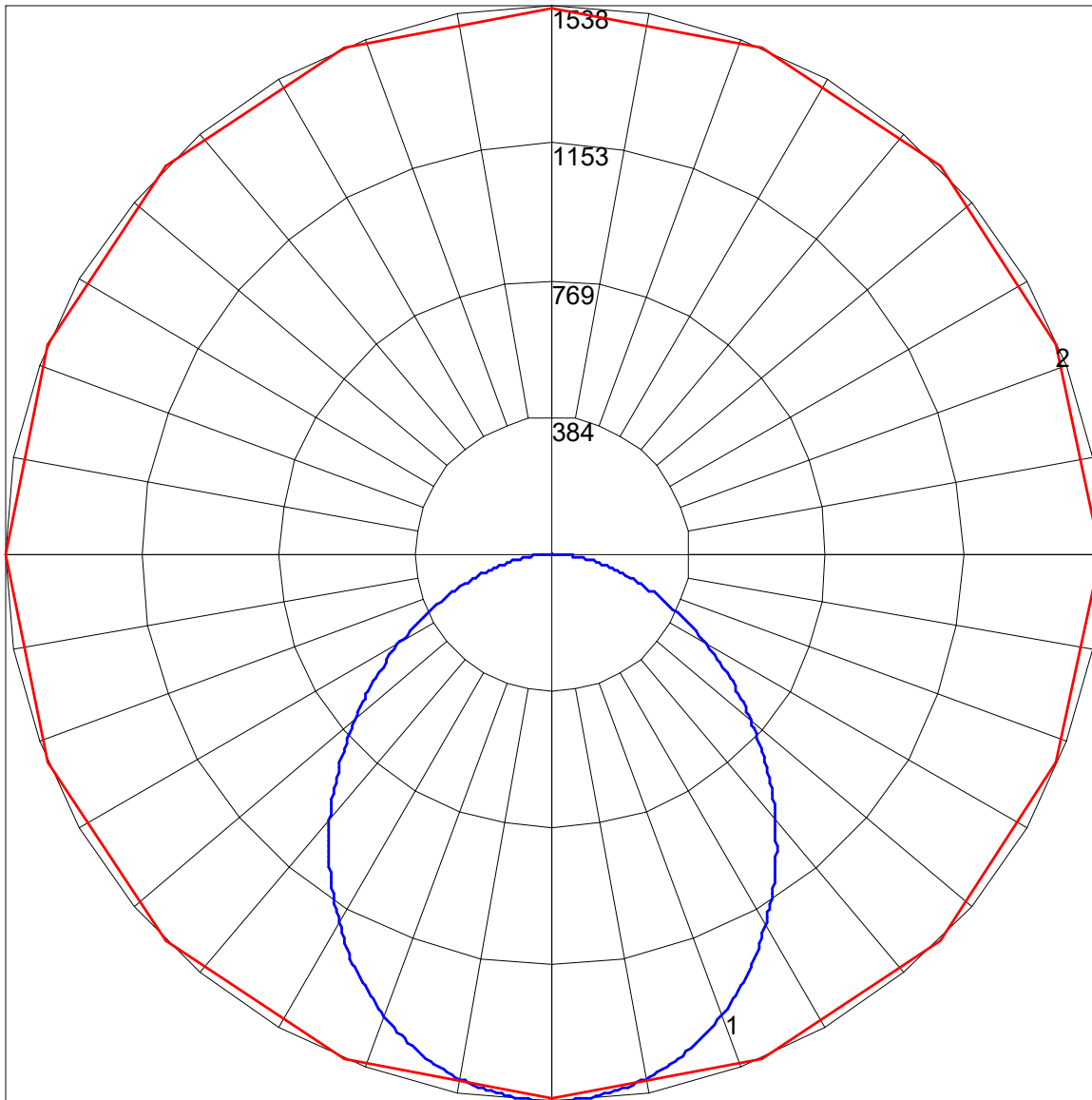
4H	2H	20.0	21.3	20.4	21.7	22.1	18.3	19.6	18.7	19.9	20.3
	3H	21.9	22.9	22.3	23.3	23.7	19.8	20.8	20.2	21.2	21.6
	4H	22.6	23.5	23.0	23.9	24.4	20.2	21.2	20.6	21.6	22.0
	6H	23.0	23.9	23.5	24.3	24.8	20.4	21.3	20.9	21.7	22.2
	8H	23.2	24.0	23.6	24.4	24.9	20.5	21.3	20.9	21.7	22.2
	12H	23.3	24.0	23.7	24.4	24.9	20.4	21.2	20.9	21.6	22.1

8H	4H	22.6	23.4	23.1	23.9	24.3	20.5	21.3	21.0	21.7	22.2
	6H	23.2	23.9	23.7	24.3	24.8	20.8	21.5	21.3	21.9	22.4
	8H	23.4	24.0	23.9	24.5	25.0	20.8	21.4	21.4	21.9	22.4
	12H	23.5	24.0	24.0	24.5	25.1	20.8	21.3	21.3	21.8	22.4

12H	4H	22.6	23.3	23.1	23.8	24.3	20.5	21.2	21.0	21.7	22.2
	6H	23.2	23.8	23.7	24.2	24.8	20.9	21.4	21.4	21.9	22.4
	8H	23.4	23.9	23.9	24.4	25.0	20.9	21.4	21.4	21.9	22.5

Maximum UGR = 25.1

POLAR GRAPH



Maximum Candela = 1537.742 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.)