

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-827-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-13

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L8-827-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 4' suspended linear fixture (CRS construction

[MORE]) with diffused acrylic shielding

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

[MORE] 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	3178
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	26
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.08
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7751	6872	6083
55	6785	5864	4981
65	5773	4824	4007
75	4635	3622	2950
85	3001	1860	1424

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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	1471.929	1471.929	1471.929	1471.929	1471.929
0.5	1479.125	1468.731	1472.329	1471.130	1470.330
1.0	1478.725	1468.331	1471.929	1470.730	1469.930
1.5	1478.325	1467.532	1471.529	1469.930	1469.131
2.0	1477.526	1467.132	1470.330	1468.331	1468.731
2.5	1477.126	1466.332	1469.531	1467.532	1467.132
3.0	1475.927	1465.133	1468.331	1465.533	1465.133
3.5	1475.127	1463.934	1466.732	1463.934	1463.134
4.0	1473.128	1462.335	1465.133	1461.935	1460.736
4.5	1472.329	1460.736	1463.134	1459.537	1457.937
5.0	1470.330	1459.137	1460.736	1457.138	1455.539
5.5	1469.531	1456.738	1458.337	1453.940	1451.941
6.0	1465.933	1454.739	1455.539	1450.742	1448.743
6.5	1463.934	1452.741	1452.341	1447.144	1444.745
7.0	1461.535	1449.942	1449.542	1443.546	1441.147
7.5	1459.137	1447.144	1445.945	1439.548	1436.750
8.0	1456.338	1443.946	1442.746	1435.151	1431.953
8.5	1453.540	1441.147	1439.149	1430.354	1427.156
9.0	1450.342	1437.949	1434.751	1425.557	1422.359
9.5	1446.744	1433.952	1430.754	1420.360	1416.762
10.0	1443.946	1430.354	1425.956	1415.563	1411.565
10.5	1439.548	1426.356	1421.559	1410.366	1405.968
11.0	1435.551	1422.359	1416.362	1404.369	1400.372
11.5	1431.553	1417.961	1411.165	1398.373	1393.576
12.0	1427.156	1413.564	1405.968	1391.976	1387.179
12.5	1421.959	1408.367	1400.372	1385.580	1379.984
13.0	1417.561	1403.570	1394.375	1378.784	1373.188
13.5	1413.164	1398.373	1388.379	1371.988	1366.392
14.0	1407.567	1393.176	1382.382	1364.393	1358.396
14.5	1402.770	1387.179	1375.586	1357.197	1350.801
15.0	1397.173	1381.583	1368.790	1349.602	1342.806
15.5	1391.577	1375.586	1361.994	1341.606	1334.810
16.0	1385.580	1369.590	1354.798	1333.611	1326.016
16.5	1379.984	1363.593	1347.603	1325.216	1317.620
17.0	1373.587	1356.797	1340.007	1316.821	1308.426
17.5	1367.591	1350.001	1332.811	1308.026	1299.231
18.0	1360.795	1343.605	1324.816	1299.231	1290.037
18.5	1354.798	1336.409	1316.821	1290.037	1280.043
19.0	1347.603	1329.214	1308.426	1280.442	1270.049
19.5	1340.807	1322.018	1300.031	1271.248	1260.055
20.0	1333.611	1314.422	1291.236	1261.654	1250.060
20.5	1326.415	1306.827	1282.441	1251.660	1239.667
21.0	1318.820	1299.231	1273.646	1241.665	1228.873
21.5	1311.624	1290.836	1264.452	1231.272	1218.479
22.0	1303.629	1282.841	1254.858	1220.878	1208.085
22.5	1295.633	1274.446	1245.263	1210.484	1196.892
23.0	1288.038	1266.451	1236.069	1199.290	1185.699
23.5	1280.043	1257.656	1226.075	1188.497	1174.505
24.0	1271.648	1248.861	1216.081	1177.703	1162.912
24.5	1263.253	1240.066	1205.687	1166.510	1151.719
25.0	1254.458	1231.272	1195.693	1155.316	1140.125
25.5	1245.263	1221.677	1185.299	1143.723	1127.733
26.0	1236.468	1212.483	1174.105	1132.130	1115.740
26.5	1227.674	1202.888	1163.712	1120.537	1103.347

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CANDELA TABULATION - (Cont.)

27.0	1218.079	1193.294	1152.518	1108.544	1091.354
27.5	1208.085	1183.300	1141.725	1096.551	1079.361
28.0	1198.891	1173.706	1130.531	1084.159	1066.569
28.5	1189.296	1163.712	1119.738	1072.166	1054.176
29.0	1179.702	1153.717	1108.544	1059.773	1042.183
29.5	1168.509	1143.324	1096.951	1047.380	1029.391
30.0	1157.715	1132.530	1085.358	1034.988	1016.998
30.5	1147.721	1122.136	1074.165	1022.995	1004.206
31.0	1137.327	1111.742	1062.571	1010.602	991.413
31.5	1127.333	1100.949	1050.978	997.810	978.621
32.0	1116.140	1090.155	1038.985	985.417	966.228
32.5	1105.746	1078.962	1027.392	972.625	953.036
33.0	1094.952	1068.168	1015.000	960.232	940.644
33.5	1084.159	1056.975	1003.806	947.439	927.052
34.0	1073.765	1045.781	991.413	935.047	914.659
34.5	1062.971	1034.988	979.421	922.654	902.266
35.0	1052.178	1023.395	967.028	909.862	889.474
35.5	1040.984	1011.801	955.035	897.869	876.282
36.0	1030.590	1000.608	943.042	885.076	864.289
36.5	1019.397	989.015	930.649	872.684	851.496
37.0	1007.804	977.422	919.056	860.291	839.503
37.5	996.610	965.829	907.063	847.499	826.711
38.0	985.417	953.836	894.671	835.106	813.918
38.5	973.824	942.642	882.678	822.713	801.526
39.0	961.831	930.649	870.685	810.321	789.133
39.5	950.638	919.056	858.292	797.928	776.740
40.0	939.044	907.063	846.299	786.335	764.748
40.5	926.652	895.470	833.907	773.942	751.955
41.0	915.059	883.477	821.914	761.549	738.763
41.5	903.465	871.884	809.921	749.157	726.370
42.0	891.073	859.891	797.928	736.364	713.578
42.5	878.280	847.499	785.935	724.371	701.185
43.0	866.287	835.506	773.942	711.179	688.793
43.5	854.694	823.913	761.949	698.787	677.199
44.0	841.902	811.920	749.956	687.193	665.206
44.5	829.909	799.927	736.764	675.201	653.214
45.0	817.516	788.334	724.771	663.607	641.620
45.5	805.124	775.941	712.379	652.014	629.628
46.0	793.131	764.348	700.785	640.421	618.034
46.5	781.138	752.355	689.192	629.228	606.841
47.0	768.745	740.362	677.599	617.635	595.248
47.5	756.353	727.570	666.406	606.441	584.054
48.0	744.360	715.177	655.212	595.248	572.461
48.5	731.967	703.584	643.619	584.054	561.268
49.0	718.775	691.591	632.426	572.861	550.474
49.5	707.182	680.397	621.632	561.668	539.681
50.0	695.189	668.804	610.439	550.874	528.887
50.5	683.995	657.211	599.245	540.080	518.093
51.0	672.002	646.018	588.052	528.887	507.300
51.5	660.409	634.425	577.258	518.493	496.906
52.0	649.216	622.832	566.065	507.700	486.512
52.5	637.623	611.638	555.271	497.306	476.518
53.0	626.030	600.445	544.478	486.912	466.524
53.5	614.436	589.251	534.084	476.518	456.130
54.0	603.243	578.058	522.891	466.524	446.136
54.5	591.650	567.264	512.497	456.130	436.142

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CANDELA TABULATION - (Cont.)

55.0	580.457	556.071	501.703	446.536	426.148
55.5	568.863	545.277	491.309	436.142	416.554
56.0	557.270	534.084	480.915	426.548	406.959
56.5	546.077	523.290	470.522	416.953	397.965
57.0	534.484	512.497	459.728	407.359	388.490
57.5	523.290	502.103	449.734	397.765	379.256
58.0	512.097	491.309	439.340	388.330	370.181
58.5	500.904	480.516	428.946	379.016	361.106
59.0	489.710	470.122	418.952	369.861	352.112
59.5	478.517	459.728	408.958	360.707	343.357
60.0	467.723	449.334	398.884	351.512	334.642
60.5	456.930	438.940	389.130	342.557	325.927
61.0	446.136	428.946	379.176	333.683	317.372
61.5	435.742	418.552	369.501	324.728	308.937
62.0	424.949	408.159	359.747	316.173	300.782
62.5	414.555	398.284	350.313	307.578	292.467
63.0	404.161	388.410	340.918	299.023	284.312
63.5	393.967	378.536	331.524	290.388	276.077
64.0	384.053	368.742	322.369	282.073	268.161
64.5	373.819	358.948	313.135	273.798	260.286
65.0	363.905	349.353	304.060	265.523	252.611
65.5	354.071	339.639	294.906	257.408	244.775
66.0	344.276	330.005	286.071	249.492	237.100
66.5	334.562	320.490	277.196	241.457	229.344
67.0	324.728	311.056	268.441	233.502	221.909
67.5	314.894	301.622	259.806	225.826	214.473
68.0	305.459	292.347	251.091	218.111	206.958
68.5	295.825	283.152	242.576	210.515	199.722
69.0	286.271	273.958	234.141	202.960	192.526
69.5	276.996	264.803	225.906	195.484	185.530
70.0	267.602	255.689	217.511	188.169	178.454
70.5	258.327	246.734	209.276	180.893	171.618
71.0	249.053	237.859	201.281	173.817	164.703
71.5	239.978	228.905	193.286	166.781	158.027
72.0	230.943	220.190	185.370	159.785	151.350
72.5	221.949	211.555	177.495	152.950	144.874
73.0	213.194	203.040	169.780	146.074	138.518
73.5	204.439	194.405	162.184	139.517	132.162
74.0	195.844	185.930	154.668	132.921	125.846
74.5	187.329	177.615	147.233	126.525	119.849
75.0	178.934	169.420	139.837	120.089	113.893
75.5	170.699	161.385	132.682	113.973	107.976
76.0	162.664	153.429	125.686	107.856	102.260
76.5	154.589	145.474	118.690	101.980	96.663
77.0	146.953	137.719	111.974	96.103	91.106
77.5	139.198	130.083	105.298	90.427	85.669
78.0	131.482	122.567	98.702	84.870	80.512
78.5	123.847	115.132	92.385	79.473	75.275
79.0	116.571	107.976	86.189	74.156	70.238
79.5	109.415	100.700	80.153	68.839	65.321
80.0	102.299	93.745	74.156	63.842	60.564
80.5	95.224	86.829	68.320	58.885	55.847
81.0	88.388	80.113	62.723	54.168	51.370
81.5	81.632	73.596	57.246	49.491	46.932
82.0	75.116	67.000	52.049	44.933	42.535
82.5	68.759	60.764	46.932	40.496	38.337

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CANDELA TABULATION - (Cont.)

83.0	62.483	54.608	41.975	36.179	34.060
83.5	56.287	48.731	37.298	31.941	29.982
84.0	50.370	42.975	32.741	27.784	26.025
84.5	44.534	37.538	28.383	23.826	22.227
85.0	39.017	32.301	24.186	20.108	18.509
85.5	33.660	27.264	20.188	16.310	14.511
86.0	28.623	22.467	16.590	12.393	10.114
86.5	23.626	18.149	13.112	7.835	6.236
87.0	19.029	14.072	9.354	4.957	4.437
87.5	14.751	10.474	5.397	3.798	3.478
88.0	10.794	7.156	3.398	2.918	2.718
88.5	7.436	3.998	2.519	2.119	1.879
89.0	4.677	1.999	1.679	1.359	1.199
89.5	2.319	1.079	0.919	0.680	0.600
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 : LRX4X-4-L8-827-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 : LRX4X-4-L8-827-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 : LRX4X-4-L8-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	522.84	N.A.	16.50
0-30	1071.73	N.A.	33.70
0-40	1676.37	N.A.	52.80
0-60	2686.46	N.A.	84.50
0-80	3144.81	N.A.	99.00
0-90	3177.72	N.A.	100.00
10-90	3039.49	N.A.	95.60
20-40	1153.53	N.A.	36.30
20-50	1714.23	N.A.	53.90
40-70	1314.66	N.A.	41.40
60-80	458.35	N.A.	14.40
70-80	153.78	N.A.	4.80
80-90	32.91	N.A.	1.00
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	3177.72	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	138.24
10-20	384.61
20-30	548.89
30-40	604.64
40-50	560.70
50-60	449.38
60-70	304.57
70-80	153.78
80-90	32.91
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 : LRX4X-4-L8-827-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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	41	36	34
9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31
10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-4-L8-827-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

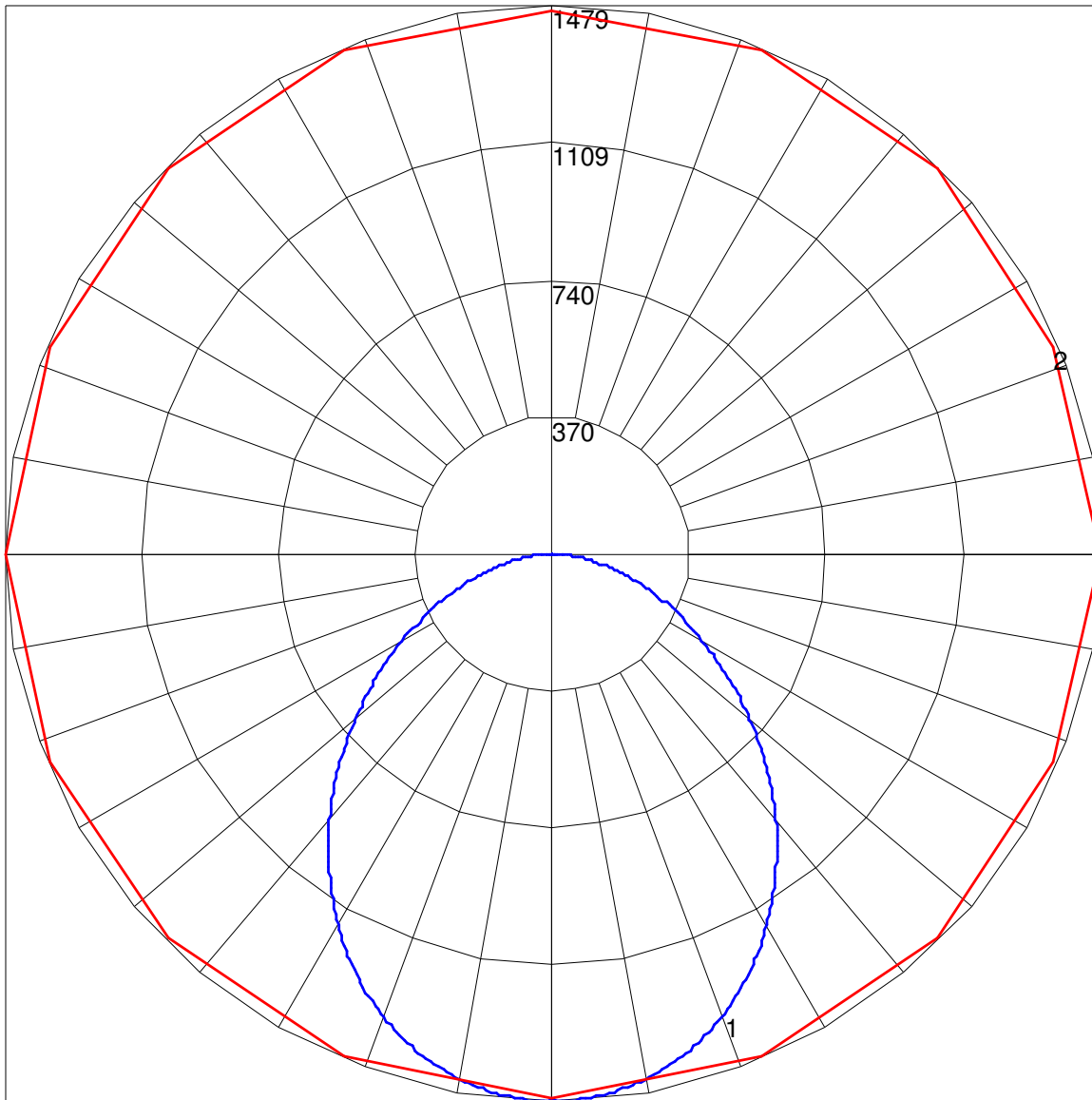
X=2H	Y=2H	18.5	20.1	18.9	20.4	20.7	16.8	18.3	17.2	18.6	19.0
	3H	20.1	21.5	20.5	21.8	22.2	18.1	19.5	18.5	19.8	20.2
	4H	20.7	22.0	21.1	22.3	22.7	18.6	19.9	19.0	20.2	20.6
	6H	21.0	22.2	21.5	22.6	23.0	18.8	20.0	19.2	20.4	20.8
	8H	21.1	22.3	21.6	22.7	23.1	18.9	20.0	19.3	20.4	20.8
	12H	21.2	22.3	21.6	22.7	23.1	18.9	20.0	19.3	20.4	20.8

UGR Viewed Endwise

4H	2H	18.9	20.2	19.3	20.5	20.9	17.5	18.8	17.9	19.1	19.5
	3H	20.7	21.8	21.1	22.2	22.6	19.0	20.1	19.4	20.5	20.9
	4H	21.4	22.3	21.8	22.8	23.2	19.5	20.5	20.0	20.9	21.4
	6H	21.9	22.7	22.3	23.2	23.6	19.9	20.7	20.3	21.2	21.6
	8H	22.0	22.8	22.5	23.3	23.7	20.0	20.7	20.4	21.2	21.7
	12H	22.1	22.8	22.6	23.3	23.8	20.0	20.7	20.5	21.2	21.6
8H	4H	21.5	22.3	22.0	22.7	23.2	19.8	20.6	20.3	21.1	21.5
	6H	22.1	22.7	22.6	23.2	23.7	20.3	20.9	20.7	21.4	21.9
	8H	22.3	22.9	22.8	23.4	23.9	20.4	21.0	20.9	21.5	22.0
	12H	22.4	23.0	22.9	23.4	24.0	20.4	21.0	21.0	21.5	22.0
12H	4H	21.5	22.2	22.0	22.7	23.2	19.9	20.6	20.3	21.0	21.5
	6H	22.1	22.7	22.6	23.1	23.7	20.3	20.9	20.8	21.4	21.9
	8H	22.3	22.8	22.8	23.3	23.9	20.5	21.0	21.0	21.5	22.0

Maximum UGR = 24.0

POLAR GRAPH



Maximum Candela = 1479.125 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.)