

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-4-L8-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-4-L8-850-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	3473
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
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	8470	7509	6648
55	7414	6408	5443
65	6309	5271	4379
75	5065	3958	3224
85	3280	2033	1556

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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	1608.500	1608.500	1608.500	1608.500	1608.500
0.5	1616.363	1605.005	1608.937	1607.626	1606.753
1.0	1615.927	1604.568	1608.500	1607.190	1606.316
1.5	1615.490	1603.695	1608.063	1606.316	1605.442
2.0	1614.616	1603.258	1606.753	1604.568	1605.005
2.5	1614.179	1602.384	1605.879	1603.695	1603.258
3.0	1612.869	1601.074	1604.568	1601.510	1601.074
3.5	1611.995	1599.763	1602.821	1599.763	1598.889
4.0	1609.811	1598.016	1601.074	1597.579	1596.268
4.5	1608.937	1596.268	1598.889	1594.958	1593.210
5.0	1606.753	1594.521	1596.268	1592.336	1590.589
5.5	1605.879	1591.900	1593.647	1588.842	1586.657
6.0	1601.947	1589.715	1590.589	1585.347	1583.162
6.5	1599.763	1587.531	1587.094	1581.415	1578.794
7.0	1597.142	1584.473	1584.036	1577.483	1574.862
7.5	1594.521	1581.415	1580.104	1573.115	1570.057
8.0	1591.463	1577.920	1576.610	1568.309	1564.815
8.5	1588.405	1574.862	1572.678	1563.067	1559.572
9.0	1584.910	1571.367	1567.873	1557.825	1554.330
9.5	1580.978	1566.999	1563.504	1552.146	1548.214
10.0	1577.920	1563.067	1558.262	1546.904	1542.535
10.5	1573.115	1558.699	1553.456	1541.224	1536.419
11.0	1568.746	1554.330	1547.777	1534.672	1530.303
11.5	1564.378	1549.525	1542.098	1528.119	1522.876
12.0	1559.572	1544.719	1536.419	1521.129	1515.887
12.5	1553.893	1539.040	1530.303	1514.139	1508.023
13.0	1549.088	1533.798	1523.750	1506.713	1500.597
13.5	1544.282	1528.119	1517.197	1499.286	1493.170
14.0	1538.166	1522.440	1510.645	1490.986	1484.433
14.5	1532.924	1515.887	1503.218	1483.123	1476.133
15.0	1526.808	1509.771	1495.791	1474.822	1467.396
15.5	1520.692	1503.218	1488.365	1466.085	1458.659
16.0	1514.139	1496.665	1480.502	1457.348	1449.048
16.5	1508.023	1490.112	1472.638	1448.174	1439.874
17.0	1501.034	1482.686	1464.338	1439.000	1429.826
17.5	1494.481	1475.259	1456.475	1429.390	1419.779
18.0	1487.054	1468.270	1447.737	1419.779	1409.731
18.5	1480.502	1460.406	1439.000	1409.731	1398.810
19.0	1472.638	1452.543	1429.826	1399.247	1387.888
19.5	1465.212	1444.679	1420.652	1389.199	1376.967
20.0	1457.348	1436.379	1411.042	1378.714	1366.046
20.5	1449.485	1428.079	1401.431	1367.793	1354.687
21.0	1441.185	1419.779	1391.820	1356.872	1342.892
21.5	1433.321	1410.605	1381.772	1345.513	1331.534
22.0	1424.584	1401.868	1371.288	1334.155	1320.176
22.5	1415.847	1392.694	1360.803	1322.797	1307.944
23.0	1407.547	1383.957	1350.756	1310.565	1295.712
23.5	1398.810	1374.346	1339.834	1298.770	1283.480
24.0	1389.636	1364.735	1328.913	1286.975	1270.811
24.5	1380.462	1355.124	1317.555	1274.743	1258.579
25.0	1370.851	1345.513	1306.633	1262.511	1245.910
25.5	1360.803	1335.029	1295.275	1249.842	1232.368
26.0	1351.192	1324.981	1283.043	1237.173	1219.262
26.5	1341.582	1314.497	1271.685	1224.505	1205.720

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CANDELA TABULATION - (Cont.)

27.0	1331.097	1304.012	1259.453	1211.399	1192.614
27.5	1320.176	1293.091	1247.658	1198.293	1179.508
28.0	1310.128	1282.606	1235.426	1184.751	1165.529
28.5	1299.644	1271.685	1223.631	1171.645	1151.987
29.0	1289.159	1260.763	1211.399	1158.103	1138.881
29.5	1276.927	1249.405	1198.730	1144.560	1124.902
30.0	1265.132	1237.610	1186.061	1131.018	1111.359
30.5	1254.211	1226.252	1173.829	1117.912	1097.380
31.0	1242.852	1214.894	1161.161	1104.369	1083.400
31.5	1231.931	1203.099	1148.492	1090.390	1069.421
32.0	1219.699	1191.304	1135.386	1076.848	1055.879
32.5	1208.341	1179.072	1122.717	1062.868	1041.462
33.0	1196.546	1167.277	1109.175	1049.326	1027.920
33.5	1184.751	1155.045	1096.943	1035.346	1013.067
34.0	1173.392	1142.813	1083.400	1021.804	999.524
34.5	1161.597	1131.018	1070.295	1008.261	985.982
35.0	1149.802	1118.349	1056.752	994.282	972.002
35.5	1137.570	1105.680	1043.647	981.176	957.586
36.0	1126.212	1093.448	1030.541	967.197	944.480
36.5	1113.980	1080.779	1016.998	953.654	930.501
37.0	1101.311	1068.110	1004.330	940.112	917.395
37.5	1089.079	1055.442	991.224	926.133	903.416
38.0	1076.848	1042.336	977.681	912.590	889.437
38.5	1064.179	1030.104	964.576	899.048	875.894
39.0	1051.073	1016.998	951.470	885.505	862.352
39.5	1038.841	1004.330	937.928	871.963	848.809
40.0	1026.172	991.224	924.822	859.294	835.704
40.5	1012.630	978.555	911.280	845.751	821.724
41.0	999.961	965.450	898.174	832.209	807.308
41.5	987.292	952.781	885.068	818.666	793.766
42.0	973.750	939.675	871.963	804.687	779.786
42.5	959.770	926.133	858.857	791.581	766.244
43.0	946.665	913.027	845.751	777.165	752.701
43.5	933.996	900.358	832.646	763.623	740.032
44.0	920.017	887.252	819.540	750.954	726.927
44.5	906.911	874.147	805.124	737.848	713.821
45.0	893.368	861.478	792.018	725.179	701.152
45.5	879.826	847.936	778.476	712.510	688.047
46.0	866.720	835.267	765.807	699.842	675.378
46.5	853.615	822.161	753.138	687.610	663.146
47.0	840.072	809.055	740.469	674.941	650.477
47.5	826.530	795.076	728.237	662.709	638.245
48.0	813.424	781.534	716.005	650.477	625.576
48.5	799.881	768.865	703.337	638.245	613.344
49.0	785.465	755.759	691.105	626.013	601.549
49.5	772.796	743.527	679.310	613.781	589.754
50.0	759.691	730.858	667.078	601.986	577.959
50.5	747.459	718.190	654.846	590.191	566.164
51.0	734.353	705.958	642.614	577.959	554.369
51.5	721.684	693.289	630.819	566.601	543.011
52.0	709.453	680.620	618.587	554.806	531.653
52.5	696.784	668.388	606.792	543.448	520.731
53.0	684.115	656.156	594.996	532.089	509.810
53.5	671.446	643.924	583.638	520.731	498.452
54.0	659.214	631.692	571.406	509.810	487.530
54.5	646.545	619.897	560.048	498.452	476.609

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CANDELA TABULATION - (Cont.)

55.0	634.313	607.665	548.253	487.967	465.687
55.5	621.645	595.870	536.895	476.609	455.203
56.0	608.976	583.638	525.537	466.124	444.718
56.5	596.744	571.843	514.178	455.640	434.889
57.0	584.075	560.048	502.383	445.155	424.536
57.5	571.843	548.690	491.462	434.671	414.444
58.0	559.611	536.895	480.104	424.361	404.528
58.5	547.379	525.100	468.745	414.182	394.611
59.0	535.147	513.741	457.824	404.178	384.782
59.5	522.915	502.383	446.903	394.174	375.215
60.0	511.120	491.025	435.894	384.127	365.691
60.5	499.325	479.667	425.235	374.341	356.168
61.0	487.530	468.745	414.357	364.643	346.819
61.5	476.172	457.387	403.785	354.857	337.602
62.0	464.377	446.029	393.126	345.509	328.690
62.5	453.019	435.239	382.816	336.116	319.603
63.0	441.660	424.448	372.550	326.768	310.691
63.5	430.521	413.658	362.284	317.331	301.692
64.0	419.687	402.955	352.280	308.245	293.042
64.5	408.503	392.252	342.189	299.202	284.436
65.0	397.669	381.768	332.272	290.159	276.049
65.5	386.922	371.152	322.268	281.291	267.486
66.0	376.220	360.624	312.613	272.641	259.099
66.5	365.604	350.227	302.915	263.860	250.624
67.0	354.857	339.917	293.348	255.167	242.498
67.5	344.111	329.607	283.912	246.779	234.373
68.0	333.801	319.472	274.389	238.348	226.160
68.5	323.273	309.424	265.084	230.048	218.253
69.0	312.832	299.377	255.866	221.791	210.389
69.5	302.697	289.373	246.867	213.622	202.744
70.0	292.431	279.412	237.693	205.628	195.012
70.5	282.296	269.627	228.694	197.677	187.542
71.0	272.161	259.929	219.956	189.945	179.984
71.5	262.244	250.143	211.219	182.256	172.689
72.0	252.371	240.620	202.570	174.611	165.393
72.5	242.542	231.184	193.964	167.141	158.316
73.0	232.975	221.879	185.532	159.627	151.370
73.5	223.408	212.443	177.232	152.462	144.424
74.0	214.015	203.181	169.019	145.254	137.522
74.5	204.710	194.095	160.894	138.265	130.969
75.0	195.536	185.139	152.812	131.231	124.460
75.5	186.537	176.358	144.992	124.547	117.995
76.0	177.756	167.665	137.347	117.863	111.748
76.5	168.932	158.972	129.702	111.442	105.632
77.0	160.588	150.497	122.363	105.020	99.559
77.5	152.113	142.153	115.068	98.817	93.618
78.0	143.682	133.940	107.859	92.744	87.983
78.5	135.338	125.814	100.957	86.847	82.260
79.0	127.387	117.995	94.186	81.037	76.755
79.5	119.567	110.044	87.589	75.226	71.382
80.0	111.791	102.442	81.037	69.766	66.184
80.5	104.059	94.885	74.659	64.349	61.029
81.0	96.589	87.546	68.543	59.194	56.136
81.5	89.206	80.425	62.558	54.083	51.287
82.0	82.085	73.217	56.879	49.103	46.481
82.5	75.139	66.402	51.287	44.253	41.894

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CANDELA TABULATION - (Cont.)

83.0	68.280	59.674	45.870	39.535	37.220
83.5	61.509	53.253	40.759	34.905	32.764
84.0	55.044	46.962	35.778	30.361	28.439
84.5	48.666	41.021	31.017	26.037	24.289
85.0	42.637	35.298	26.430	21.974	20.226
85.5	36.783	29.794	22.061	17.824	15.858
86.0	31.279	24.551	18.129	13.543	11.052
86.5	25.818	19.833	14.329	8.562	6.815
87.0	20.794	15.377	10.222	5.417	4.849
87.5	16.120	11.446	5.898	4.150	3.801
88.0	11.795	7.820	3.713	3.189	2.971
88.5	8.126	4.369	2.752	2.315	2.053
89.0	5.111	2.184	1.835	1.485	1.311
89.5	2.534	1.180	1.005	0.743	0.655
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-L8-850-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-L8-850-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-L8-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	571.35	N.A.	16.50
0-30	1171.17	N.A.	33.70
0-40	1831.91	N.A.	52.80
0-60	2935.72	N.A.	84.50
0-80	3436.6	N.A.	99.00
0-90	3472.56	N.A.	100.00
10-90	3321.5	N.A.	95.60
20-40	1260.56	N.A.	36.30
20-50	1873.28	N.A.	53.90
40-70	1436.64	N.A.	41.40
60-80	500.88	N.A.	14.40
70-80	168.05	N.A.	4.80
80-90	35.96	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	3472.56	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	151.06
10-20	420.29
20-30	599.82
30-40	660.74
40-50	612.73
50-60	491.08
60-70	332.83
70-80	168.05
80-90	35.96
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-L8-850-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-L8-850-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

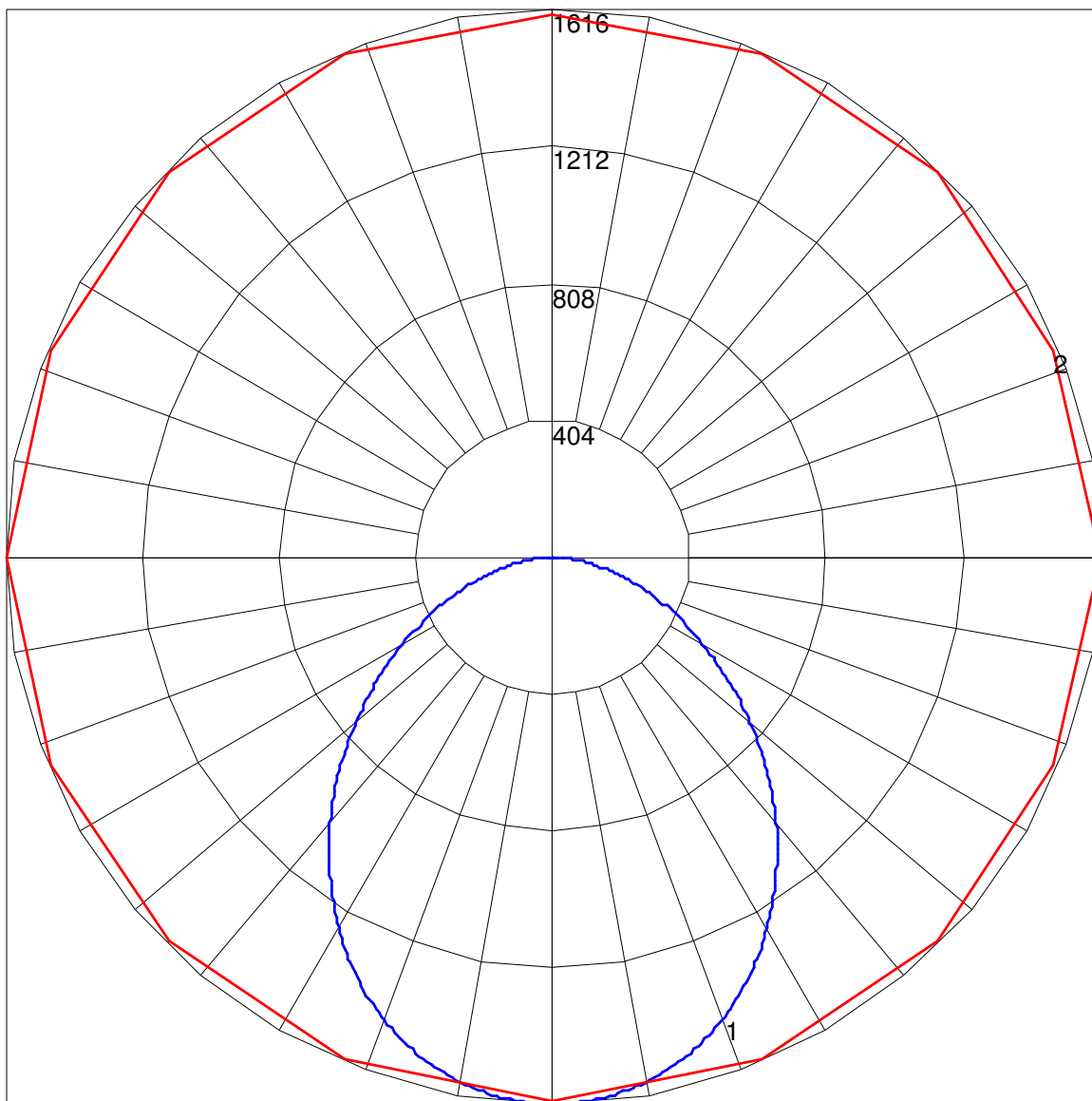
X=2H	Y=2H	18.8	20.4	19.2	20.7	21.0	17.1	18.6	17.5	18.9	19.3
	3H	20.4	21.8	20.8	22.1	22.5	18.4	19.8	18.8	20.1	20.5
	4H	21.0	22.3	21.4	22.6	23.0	18.9	20.2	19.3	20.5	20.9
	6H	21.3	22.5	21.8	22.9	23.3	19.1	20.3	19.5	20.7	21.1
	8H	21.4	22.6	21.9	23.0	23.4	19.2	20.3	19.6	20.7	21.1
	12H	21.5	22.6	21.9	23.0	23.4	19.2	20.3	19.6	20.7	21.1

UGR Viewed Endwise

4H	2H	19.2	20.5	19.6	20.8	21.2	17.8	19.1	18.2	19.4	19.8
	3H	21.0	22.1	21.4	22.5	22.9	19.3	20.4	19.7	20.8	21.2
	4H	21.7	22.6	22.1	23.1	23.5	19.8	20.8	20.3	21.2	21.7
	6H	22.2	23.0	22.6	23.5	23.9	20.2	21.0	20.6	21.5	21.9
	8H	22.3	23.1	22.8	23.6	24.0	20.3	21.0	20.7	21.5	22.0
	12H	22.4	23.1	22.9	23.6	24.1	20.3	21.0	20.8	21.5	21.9
8H	4H	21.8	22.6	22.3	23.0	23.5	20.1	20.9	20.6	21.4	21.8
	6H	22.4	23.0	22.9	23.5	24.0	20.6	21.2	21.0	21.7	22.2
	8H	22.6	23.2	23.1	23.7	24.2	20.7	21.3	21.2	21.8	22.3
	12H	22.7	23.3	23.2	23.7	24.3	20.7	21.3	21.3	21.8	22.3
12H	4H	21.8	22.5	22.3	23.0	23.5	20.2	20.9	20.6	21.3	21.8
	6H	22.4	23.0	22.9	23.5	24.0	20.6	21.2	21.1	21.7	22.2
	8H	22.6	23.1	23.1	23.6	24.2	20.8	21.3	21.3	21.8	22.3

Maximum UGR = 24.3

POLAR GRAPH



Maximum Candela = 1616.363 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.)