

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-830-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-8-L19-830-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 8' 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	15103
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	132.8
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)	8.00 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	18420	16331	14457
55	16124	13936	11837
65	13719	11463	9523
75	11015	8608	7011
85	7133	4421	3384

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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	6995.958	6995.958	6995.958	6995.958	6995.958
0.5	7030.159	6980.758	6997.858	6992.158	6988.358
1.0	7028.259	6978.858	6995.958	6990.258	6986.458
1.5	7026.359	6975.058	6994.058	6986.458	6982.658
2.0	7022.559	6973.158	6988.358	6978.858	6980.758
2.5	7020.659	6969.358	6984.558	6975.058	6973.158
3.0	7014.959	6963.658	6978.858	6965.558	6963.658
3.5	7011.159	6957.958	6971.258	6957.958	6954.157
4.0	7001.658	6950.357	6963.658	6948.457	6942.757
4.5	6997.858	6942.757	6954.157	6937.057	6929.457
5.0	6988.358	6935.157	6942.757	6925.657	6918.057
5.5	6984.558	6923.757	6931.357	6910.456	6900.956
6.0	6967.458	6914.257	6918.057	6895.256	6885.756
6.5	6957.958	6904.756	6902.856	6878.156	6866.755
7.0	6946.557	6891.456	6889.556	6861.055	6849.655
7.5	6935.157	6878.156	6872.456	6842.055	6828.755
8.0	6921.857	6862.955	6857.255	6821.154	6805.954
8.5	6908.556	6849.655	6840.155	6798.354	6783.154
9.0	6893.356	6834.455	6819.254	6775.553	6760.353
9.5	6876.256	6815.454	6800.254	6750.853	6733.752
10.0	6862.955	6798.354	6777.453	6728.052	6709.052
10.5	6842.055	6779.353	6756.553	6703.352	6682.451
11.0	6823.054	6760.353	6731.852	6674.851	6655.851
11.5	6804.054	6739.453	6707.152	6646.350	6623.550
12.0	6783.154	6718.552	6682.451	6615.950	6593.149
12.5	6758.453	6693.852	6655.851	6585.549	6558.948
13.0	6737.553	6671.051	6627.350	6553.248	6526.648
13.5	6716.652	6646.350	6598.849	6520.948	6494.347
14.0	6690.051	6621.650	6570.349	6484.847	6456.346
14.5	6667.251	6593.149	6538.048	6450.646	6420.245
15.0	6640.650	6566.549	6505.747	6414.545	6382.244
15.5	6614.050	6538.048	6473.447	6376.544	6344.244
16.0	6585.549	6509.547	6439.246	6338.543	6302.443
16.5	6558.948	6481.047	6405.045	6298.643	6262.542
17.0	6528.548	6448.746	6368.944	6258.742	6218.841
17.5	6500.047	6416.445	6334.743	6216.941	6175.140
18.0	6467.746	6386.045	6296.743	6175.140	6131.439
18.5	6439.246	6351.844	6258.742	6131.439	6083.938
19.0	6405.045	6317.643	6218.841	6085.838	6036.437
19.5	6372.744	6283.442	6178.940	6042.137	5988.936
20.0	6338.543	6247.341	6137.139	5996.536	5941.434
20.5	6304.343	6211.241	6095.338	5949.035	5892.033
21.0	6268.242	6175.140	6053.537	5901.534	5840.732
21.5	6234.041	6135.239	6009.836	5852.132	5791.331
22.0	6196.040	6097.238	5964.235	5802.731	5741.930
22.5	6158.039	6057.337	5918.634	5753.330	5688.729
23.0	6121.939	6019.336	5874.933	5700.129	5635.528
23.5	6083.938	5977.535	5827.432	5648.828	5582.326
24.0	6044.037	5935.734	5779.931	5597.527	5527.225
24.5	6004.136	5893.933	5730.530	5544.326	5474.024
25.0	5962.335	5852.132	5683.029	5491.124	5418.923
25.5	5918.634	5806.531	5633.628	5436.023	5360.021
26.0	5876.833	5762.830	5580.426	5380.922	5303.020
26.5	5835.032	5717.229	5531.025	5325.821	5244.119

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CANDELA TABULATION - (Cont.)

27.0	5789.431	5671.628	5477.824	5268.819	5187.117
27.5	5741.930	5624.127	5426.523	5211.818	5130.116
28.0	5698.229	5578.526	5373.322	5152.917	5069.315
28.5	5652.628	5531.025	5322.020	5095.915	5010.413
29.0	5607.027	5483.524	5268.819	5037.014	4953.412
29.5	5553.826	5434.123	5213.718	4978.113	4892.611
30.0	5502.525	5382.822	5158.617	4919.211	4833.709
30.5	5455.023	5333.421	5105.416	4862.210	4772.908
31.0	5405.622	5284.020	5050.314	4803.309	4712.107
31.5	5358.121	5232.718	4995.213	4742.507	4651.305
32.0	5304.920	5181.417	4938.212	4683.606	4592.404
32.5	5255.519	5128.216	4883.111	4622.805	4529.703
33.0	5204.218	5076.915	4824.209	4563.903	4470.801
33.5	5152.917	5023.714	4771.008	4503.102	4406.200
34.0	5103.516	4970.513	4712.107	4444.201	4347.298
34.5	5052.214	4919.211	4655.105	4385.299	4288.397
35.0	5000.913	4864.110	4596.204	4324.498	4227.596
35.5	4947.712	4809.009	4539.203	4267.497	4164.894
36.0	4898.311	4755.808	4482.201	4206.695	4107.893
36.5	4845.110	4700.706	4423.300	4147.794	4047.092
37.0	4790.008	4645.605	4368.199	4088.893	3990.090
37.5	4736.807	4590.504	4311.198	4028.091	3929.289
38.0	4683.606	4533.503	4252.296	3969.190	3868.488
38.5	4628.505	4480.301	4195.295	3910.289	3809.586
39.0	4571.503	4423.300	4138.294	3851.387	3750.685
39.5	4518.302	4368.199	4079.392	3792.486	3691.784
40.0	4463.201	4311.198	4022.391	3737.385	3634.782
40.5	4404.300	4256.096	3963.490	3678.483	3573.981
41.0	4349.198	4199.095	3906.488	3619.582	3511.279
41.5	4294.097	4143.994	3849.487	3560.681	3452.378
42.0	4235.196	4086.993	3792.486	3499.879	3391.577
42.5	4174.394	4028.091	3735.485	3442.878	3332.675
43.0	4117.393	3971.090	3678.483	3380.177	3273.774
43.5	4062.292	3915.989	3621.482	3321.275	3218.673
44.0	4001.491	3858.987	3564.481	3266.174	3161.672
44.5	3944.489	3801.986	3501.779	3209.173	3104.670
45.0	3885.588	3746.885	3444.778	3154.071	3049.569
45.5	3826.687	3687.983	3385.877	3098.970	2992.568
46.0	3769.685	3632.882	3330.775	3043.869	2937.466
46.5	3712.684	3575.881	3275.674	2990.668	2884.265
47.0	3653.783	3518.880	3220.573	2935.566	2829.164
47.5	3594.881	3458.078	3167.372	2882.365	2775.963
48.0	3537.880	3399.177	3114.170	2829.164	2720.862
48.5	3478.979	3344.076	3059.069	2775.963	2667.660
49.0	3416.277	3287.074	3005.868	2722.762	2616.359
49.5	3361.176	3233.873	2954.567	2669.560	2565.058
50.0	3304.175	3178.772	2901.366	2618.259	2513.757
50.5	3250.974	3123.671	2848.164	2566.958	2462.456
51.0	3193.972	3070.470	2794.963	2513.757	2411.155
51.5	3138.871	3015.368	2743.662	2464.356	2361.753
52.0	3085.670	2960.267	2690.461	2413.055	2312.352
52.5	3030.569	2907.066	2639.160	2363.654	2264.851
53.0	2975.467	2853.865	2587.859	2314.252	2217.350
53.5	2920.366	2800.663	2538.457	2264.851	2167.949
54.0	2867.165	2747.462	2485.256	2217.350	2120.448
54.5	2812.064	2696.161	2435.855	2167.949	2072.947

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CANDELA TABULATION - (Cont.)

55.0	2758.862	2642.960	2384.554	2122.348	2025.446
55.5	2703.761	2591.659	2335.153	2072.947	1979.845
56.0	2648.660	2538.457	2285.752	2027.346	1934.244
56.5	2595.459	2487.156	2236.351	1981.745	1891.493
57.0	2540.358	2435.855	2185.049	1936.144	1846.462
57.5	2487.156	2386.454	2137.548	1890.543	1802.571
58.0	2433.955	2335.153	2088.147	1845.702	1759.440
58.5	2380.754	2283.852	2038.746	1801.431	1716.309
59.0	2327.553	2234.451	1991.245	1757.920	1673.558
59.5	2274.351	2185.049	1943.744	1714.409	1631.947
60.0	2223.050	2135.648	1895.863	1670.708	1590.526
60.5	2171.749	2086.247	1849.502	1628.147	1549.105
61.0	2120.448	2038.746	1802.191	1585.966	1508.444
61.5	2071.047	1989.345	1756.210	1543.405	1468.353
62.0	2019.746	1939.944	1709.849	1502.744	1429.592
62.5	1970.345	1893.013	1665.008	1461.893	1390.071
63.0	1920.943	1846.082	1620.357	1421.232	1351.311
63.5	1872.492	1799.151	1575.706	1380.191	1312.170
64.0	1825.371	1752.600	1532.195	1340.670	1274.549
64.5	1776.730	1706.049	1488.304	1301.339	1237.118
65.0	1729.609	1660.448	1445.173	1262.009	1200.637
65.5	1682.868	1614.277	1401.662	1223.438	1163.396
66.0	1636.317	1568.486	1359.671	1185.817	1126.916
66.5	1590.146	1523.264	1317.490	1147.626	1090.055
67.0	1543.405	1478.423	1275.879	1109.815	1054.714
67.5	1496.664	1433.582	1234.838	1073.334	1019.373
68.0	1451.823	1389.501	1193.417	1036.663	983.652
68.5	1406.032	1345.800	1152.946	1000.563	949.261
69.0	1360.621	1302.099	1112.855	964.652	915.061
69.5	1316.540	1258.588	1073.714	929.121	881.810
70.0	1271.889	1215.268	1033.813	894.350	848.179
70.5	1227.808	1172.707	994.673	859.769	815.688
71.0	1183.727	1130.526	956.672	826.139	782.818
71.5	1140.596	1087.965	918.671	792.698	751.087
72.0	1097.655	1046.544	881.050	759.447	719.356
72.5	1054.904	1005.503	843.619	726.956	688.576
73.0	1013.293	965.032	806.948	694.276	658.365
73.5	971.682	923.991	770.847	663.115	628.154
74.0	930.831	883.710	735.127	631.764	598.134
74.5	890.360	844.189	699.786	601.364	569.633
75.0	850.459	805.238	664.635	570.773	541.322
75.5	811.318	767.047	630.624	541.702	513.202
76.0	773.128	729.237	597.374	512.632	486.031
76.5	734.747	691.426	564.123	484.701	459.430
77.0	698.456	654.565	532.202	456.770	433.020
77.5	661.595	618.274	500.471	429.790	407.179
78.0	624.924	582.553	469.121	403.379	382.669
78.5	588.633	547.212	439.100	377.729	357.778
79.0	554.053	513.202	409.649	352.458	333.838
79.5	520.042	478.621	380.959	327.187	310.467
80.0	486.221	445.560	352.458	303.437	287.857
80.5	452.590	412.689	324.717	279.876	265.436
81.0	420.100	380.769	298.117	257.456	244.156
81.5	387.989	349.798	272.086	235.225	223.065
82.0	357.018	318.447	247.386	213.565	202.165
82.5	326.807	288.807	223.065	192.474	182.214

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CANDELA TABULATION - (Cont.)

83.0	296.977	259.546	199.505	171.954	161.884
83.5	267.526	231.615	177.274	151.813	142.503
84.0	239.405	204.255	155.614	132.053	123.693
84.5	211.665	178.414	134.903	113.243	105.642
85.0	185.444	153.523	114.953	95.572	87.972
85.5	159.984	129.583	95.952	77.522	68.972
86.0	136.043	106.782	78.852	58.901	48.071
86.5	112.293	86.262	62.321	37.241	29.641
87.0	90.442	66.882	44.461	23.561	21.090
87.5	70.112	49.781	25.651	18.050	16.530
88.0	51.301	34.011	16.150	13.870	12.920
88.5	35.341	19.000	11.970	10.070	8.930
89.0	22.231	9.500	7.980	6.460	5.700
89.5	11.020	5.130	4.370	3.230	2.850
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-8-L19-830-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 : LRX4X-8-L19-830-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 : LRX4X-8-L19-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2485.02	N.A.	16.50
0-30	5093.86	N.A.	33.70
0-40	7967.66	N.A.	52.80
0-60	12768.51	N.A.	84.50
0-80	14947.03	N.A.	99.00
0-90	15103.45	N.A.	100.00
10-90	14446.43	N.A.	95.60
20-40	5482.64	N.A.	36.30
20-50	8147.6	N.A.	53.90
40-70	6248.46	N.A.	41.40
60-80	2178.52	N.A.	14.40
70-80	730.91	N.A.	4.80
80-90	156.42	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	15103.45	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	657.03
10-20	1828.00
20-30	2608.84
30-40	2873.8
40-50	2664.97
50-60	2135.88
60-70	1447.61
70-80	730.91
80-90	156.42
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-8-L19-830-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	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	52	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-8-L19-830-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

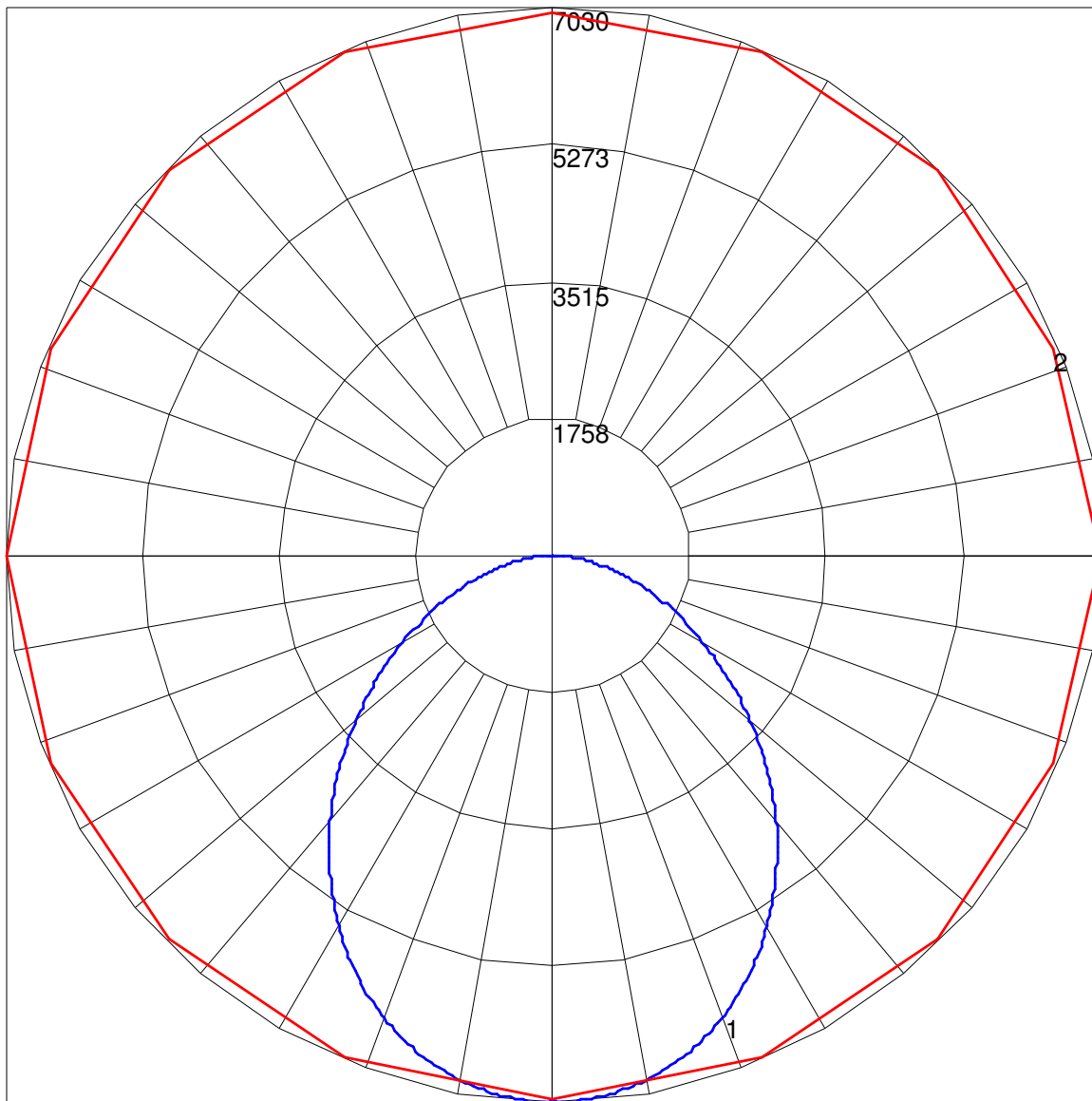
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	21.5	23.1	21.9	23.4	23.7	19.8	21.3	20.2	21.6	22.0
	3H	23.1	24.5	23.5	24.8	25.2	21.1	22.5	21.5	22.8	23.2
	4H	23.7	25.0	24.1	25.3	25.7	21.6	22.9	22.0	23.2	23.6
	6H	24.0	25.2	24.4	25.6	26.0	21.8	23.0	22.2	23.4	23.8
	8H	24.1	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8
	12H	24.2	25.3	24.6	25.7	26.1	21.9	23.0	22.3	23.4	23.8
4H	2H	21.9	23.2	22.3	23.5	23.9	20.5	21.8	20.9	22.1	22.5
	3H	23.7	24.8	24.1	25.2	25.6	22.0	23.1	22.4	23.5	23.9
	4H	24.4	25.3	24.8	25.8	26.2	22.5	23.5	22.9	23.9	24.3
	6H	24.9	25.7	25.3	26.2	26.6	22.9	23.7	23.3	24.2	24.6
	8H	25.0	25.8	25.5	26.3	26.7	22.9	23.7	23.4	24.2	24.6
	12H	25.1	25.8	25.6	26.3	26.8	23.0	23.7	23.5	24.2	24.6
8H	4H	24.5	25.3	25.0	25.7	26.2	22.8	23.6	23.3	24.1	24.5
	6H	25.1	25.7	25.6	26.2	26.7	23.2	23.9	23.7	24.4	24.9
	8H	25.3	25.9	25.8	26.4	26.9	23.4	24.0	23.9	24.5	25.0
	12H	25.4	25.9	25.9	26.4	27.0	23.4	24.0	23.9	24.4	25.0
12H	4H	24.5	25.2	25.0	25.7	26.1	22.9	23.6	23.3	24.0	24.5
	6H	25.1	25.7	25.6	26.1	26.7	23.3	23.9	23.8	24.4	24.9
	8H	25.3	25.8	25.8	26.3	26.9	23.5	24.0	24.0	24.5	25.0

Maximum UGR = 27.0

POLAR GRAPH



Maximum Candela = 7030.159 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.)