

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L19-850-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-8-L19-850-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	16171
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
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	19723	17485	15479
55	17264	14922	12674
65	14689	12274	10197
75	11794	9217	7507
85	7637	4734	3623

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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	7490.620	7490.620	7490.620	7490.620	7490.620
0.5	7527.239	7474.345	7492.655	7486.552	7482.483
1.0	7525.205	7472.311	7490.620	7484.517	7480.448
1.5	7523.171	7468.242	7488.586	7480.448	7476.380
2.0	7519.102	7466.208	7482.483	7472.311	7474.345
2.5	7517.067	7462.139	7478.414	7468.242	7466.208
3.0	7510.964	7456.036	7472.311	7458.070	7456.036
3.5	7506.895	7449.933	7464.173	7449.933	7445.864
4.0	7496.724	7441.795	7456.036	7439.761	7433.657
4.5	7492.655	7433.657	7445.864	7427.554	7419.417
5.0	7482.483	7425.520	7433.657	7415.348	7407.210
5.5	7478.414	7413.314	7421.451	7399.073	7388.901
6.0	7460.105	7403.142	7407.210	7382.798	7372.626
6.5	7449.933	7392.970	7390.935	7364.488	7352.282
7.0	7437.726	7378.729	7376.695	7346.179	7333.972
7.5	7425.520	7364.488	7358.385	7325.835	7311.594
8.0	7411.279	7348.213	7342.110	7303.457	7287.181
8.5	7397.038	7333.972	7323.800	7279.044	7262.769
9.0	7380.763	7317.697	7301.422	7254.631	7238.356
9.5	7362.454	7297.353	7281.078	7228.184	7209.875
10.0	7348.213	7279.044	7256.666	7203.772	7183.428
10.5	7325.835	7258.700	7234.287	7177.324	7154.946
11.0	7305.491	7238.356	7207.840	7146.809	7126.465
11.5	7285.147	7215.978	7181.393	7116.293	7091.880
12.0	7262.769	7193.600	7154.946	7083.743	7059.330
12.5	7236.322	7167.153	7126.465	7051.192	7022.711
13.0	7213.943	7142.740	7095.949	7016.608	6988.126
13.5	7191.565	7116.293	7065.433	6982.023	6953.542
14.0	7163.084	7089.846	7034.917	6943.370	6912.854
14.5	7138.671	7059.330	7000.333	6906.751	6874.200
15.0	7110.190	7030.848	6965.748	6868.097	6833.513
15.5	7081.708	7000.333	6931.163	6827.410	6792.825
16.0	7051.192	6969.817	6894.544	6786.722	6748.068
16.5	7022.711	6939.301	6857.925	6744.000	6705.346
17.0	6990.161	6904.716	6819.272	6701.277	6658.555
17.5	6959.645	6870.132	6782.653	6656.521	6611.764
18.0	6925.060	6837.581	6741.965	6611.764	6564.973
18.5	6894.544	6800.962	6701.277	6564.973	6514.114
19.0	6857.925	6764.343	6658.555	6516.148	6463.254
19.5	6823.341	6727.724	6615.833	6469.357	6412.394
20.0	6786.722	6689.071	6571.077	6420.532	6361.534
20.5	6750.103	6650.418	6526.320	6369.672	6308.640
21.0	6711.449	6611.764	6481.563	6318.812	6253.712
21.5	6674.830	6569.042	6434.772	6265.918	6200.818
22.0	6634.143	6528.354	6385.947	6213.024	6147.924
22.5	6593.455	6485.632	6337.122	6160.130	6090.961
23.0	6554.801	6444.944	6290.331	6103.167	6033.998
23.5	6514.114	6400.188	6239.471	6048.239	5977.035
24.0	6471.391	6355.431	6188.611	5993.310	5918.038
24.5	6428.669	6310.675	6135.717	5936.347	5861.075
25.0	6383.913	6265.918	6084.858	5879.384	5802.077
25.5	6337.122	6217.093	6031.963	5820.387	5739.011
26.0	6292.365	6170.302	5975.001	5761.390	5677.980
26.5	6247.609	6121.477	5922.106	5702.392	5614.914

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CANDELA TABULATION - (Cont.)

27.0	6198.783	6072.651	5865.144	5641.361	5553.882
27.5	6147.924	6021.791	5810.215	5580.329	5492.850
28.0	6101.133	5972.966	5753.252	5517.263	5427.750
28.5	6052.307	5922.106	5698.324	5456.231	5364.684
29.0	6003.482	5871.247	5641.361	5393.165	5303.652
29.5	5946.519	5818.353	5582.363	5330.099	5238.552
30.0	5891.591	5763.424	5523.366	5267.033	5175.486
30.5	5840.731	5710.530	5466.403	5206.001	5110.385
31.0	5787.837	5657.636	5407.406	5142.935	5045.285
31.5	5736.977	5602.707	5348.409	5077.835	4980.184
32.0	5680.014	5547.779	5287.377	5014.769	4917.118
32.5	5627.120	5490.816	5228.380	4949.668	4849.983
33.0	5572.192	5435.887	5165.314	4886.602	4786.917
33.5	5517.263	5378.925	5108.351	4821.502	4717.748
34.0	5464.369	5321.962	5045.285	4758.436	4654.682
34.5	5409.440	5267.033	4984.253	4695.370	4591.616
35.0	5354.512	5208.036	4921.187	4630.269	4526.516
35.5	5297.549	5149.039	4860.155	4569.238	4459.381
36.0	5244.655	5092.076	4799.124	4504.137	4398.349
36.5	5187.692	5033.078	4736.058	4441.071	4333.249
37.0	5128.695	4974.081	4677.060	4378.005	4272.217
37.5	5071.732	4915.084	4616.029	4312.905	4207.116
38.0	5014.769	4854.052	4552.963	4249.839	4142.016
38.5	4955.772	4797.089	4491.931	4186.773	4078.950
39.0	4894.740	4736.058	4430.899	4123.707	4015.884
39.5	4837.777	4677.060	4367.833	4060.640	3952.818
40.0	4778.780	4616.029	4306.802	4001.643	3891.786
40.5	4715.714	4557.031	4243.735	3938.577	3826.686
41.0	4656.716	4496.000	4182.704	3875.511	3759.551
41.5	4597.719	4437.002	4121.672	3812.445	3696.485
42.0	4534.653	4375.971	4060.640	3747.345	3631.384
42.5	4469.553	4312.905	3999.609	3686.313	3568.318
43.0	4408.521	4251.873	3938.577	3619.178	3505.252
43.5	4349.524	4192.876	3877.545	3556.112	3446.255
44.0	4284.423	4131.844	3816.514	3497.115	3385.223
44.5	4223.392	4070.812	3749.379	3436.083	3324.192
45.0	4160.326	4011.815	3688.347	3377.086	3265.194
45.5	4097.259	3948.749	3625.281	3318.088	3204.163
46.0	4036.228	3889.752	3566.284	3259.091	3145.165
46.5	3975.196	3828.720	3507.287	3202.128	3088.203
47.0	3912.130	3767.688	3448.289	3143.131	3029.205
47.5	3849.064	3702.588	3391.326	3086.168	2972.242
48.0	3788.032	3639.522	3334.364	3029.205	2913.245
48.5	3724.966	3580.525	3275.366	2972.242	2856.282
49.0	3657.831	3519.493	3218.403	2915.279	2801.354
49.5	3598.834	3462.530	3163.475	2858.317	2746.425
50.0	3537.803	3403.533	3106.512	2803.388	2691.497
50.5	3480.840	3344.536	3049.549	2748.460	2636.568
51.0	3419.808	3287.573	2992.586	2691.497	2581.640
51.5	3360.811	3228.575	2937.658	2638.603	2528.746
52.0	3303.848	3169.578	2880.695	2583.674	2475.851
52.5	3244.850	3112.615	2825.766	2530.780	2424.992
53.0	3185.853	3055.652	2770.838	2477.886	2374.132
53.5	3126.856	2998.689	2717.944	2424.992	2321.238
54.0	3069.893	2941.727	2660.981	2374.132	2270.378
54.5	3010.896	2886.798	2608.087	2321.238	2219.518

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55.0	2953.933	2829.835	2553.158	2272.413	2168.659
55.5	2894.936	2774.907	2500.264	2219.518	2119.833
56.0	2835.938	2717.944	2447.370	2170.693	2071.008
56.5	2778.975	2663.015	2394.476	2121.868	2025.234
57.0	2719.978	2608.087	2339.547	2073.042	1977.019
57.5	2663.015	2555.193	2288.688	2024.217	1930.025
58.0	2606.052	2500.264	2235.794	1976.205	1883.844
58.5	2549.089	2445.336	2182.899	1928.804	1837.664
59.0	2492.127	2392.441	2132.040	1882.217	1791.890
59.5	2435.164	2339.547	2081.180	1835.629	1747.337
60.0	2380.235	2286.653	2029.913	1788.838	1702.987
60.5	2325.307	2233.759	1980.274	1743.268	1658.637
61.0	2270.378	2182.899	1929.618	1698.105	1615.101
61.5	2217.484	2130.005	1880.386	1652.534	1572.176
62.0	2162.556	2077.111	1830.747	1608.998	1530.674
62.5	2109.661	2026.862	1782.735	1565.259	1488.359
63.0	2056.767	1976.612	1734.927	1521.723	1446.857
63.5	2004.890	1926.363	1687.119	1477.780	1404.949
64.0	1954.438	1876.520	1640.531	1435.465	1364.668
64.5	1902.357	1826.678	1593.537	1393.353	1324.591
65.0	1851.904	1777.853	1547.356	1351.241	1285.530
65.5	1801.858	1728.417	1500.769	1309.943	1245.656
66.0	1752.016	1679.388	1455.809	1269.662	1206.596
66.5	1702.580	1630.970	1410.645	1228.771	1167.129
67.0	1652.534	1582.958	1366.092	1188.287	1129.289
67.5	1602.488	1534.947	1322.149	1149.226	1091.450
68.0	1554.477	1487.749	1277.800	1109.963	1053.203
68.5	1505.448	1440.958	1234.467	1071.309	1016.381
69.0	1456.826	1394.167	1191.542	1032.859	979.762
69.5	1409.628	1347.579	1149.633	994.816	944.160
70.0	1361.820	1301.195	1106.911	957.587	908.151
70.5	1314.622	1255.625	1065.003	920.561	873.363
71.0	1267.424	1210.461	1024.315	884.552	838.168
71.5	1221.244	1164.891	983.627	848.747	804.194
72.0	1175.267	1120.541	943.346	813.145	770.220
72.5	1129.493	1076.599	903.269	778.357	737.263
73.0	1084.940	1033.266	864.005	743.366	704.916
73.5	1040.387	989.323	825.352	710.002	672.569
74.0	996.647	946.194	787.105	676.434	640.426
74.5	953.315	903.879	749.265	643.884	609.910
75.0	910.593	862.174	711.629	611.130	579.597
75.5	868.684	821.283	675.214	580.004	549.488
76.0	827.793	780.799	639.612	548.878	520.397
76.5	786.698	740.314	604.010	518.973	491.915
77.0	747.841	700.847	569.832	489.067	463.637
77.5	708.374	661.990	535.858	460.179	435.970
78.0	669.111	623.744	502.291	431.901	409.726
78.5	630.254	585.904	470.147	404.437	383.075
79.0	593.228	549.488	438.614	377.379	357.442
79.5	556.812	512.463	407.895	350.322	332.419
80.0	520.600	477.064	377.379	324.892	308.210
80.5	484.591	441.869	347.677	299.666	284.204
81.0	449.803	407.692	319.196	275.660	261.419
81.5	415.422	374.531	291.325	251.857	238.837
82.0	382.262	340.964	264.877	228.665	216.459
82.5	349.915	309.227	238.837	206.084	195.098

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CANDELA TABULATION - (Cont.)

83.0	317.975	277.898	213.611	184.112	173.330
83.5	286.442	247.992	189.808	162.548	152.579
84.0	256.333	218.697	166.616	141.390	132.439
84.5	226.631	191.029	144.442	121.250	113.112
85.0	198.556	164.379	123.081	102.330	94.192
85.5	171.296	138.745	102.737	83.003	73.848
86.0	145.662	114.333	84.427	63.066	51.470
86.5	120.232	92.361	66.728	39.874	31.736
87.0	96.837	71.610	47.605	25.226	22.582
87.5	75.069	53.301	27.464	19.327	17.699
88.0	54.929	36.416	17.292	14.851	13.834
88.5	37.840	20.344	12.817	10.782	9.562
89.0	23.802	10.172	8.544	6.917	6.103
89.5	11.799	5.493	4.679	3.458	3.052
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-L19-850-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-8-L19-850-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-8-L19-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2660.73	N.A.	16.50
0-30	5454.03	N.A.	33.70
0-40	8531.03	N.A.	52.80
0-60	13671.33	N.A.	84.50
0-80	16003.89	N.A.	99.00
0-90	16171.37	N.A.	100.00
10-90	15467.89	N.A.	95.60
20-40	5870.3	N.A.	36.30
20-50	8723.69	N.A.	53.90
40-70	6690.27	N.A.	41.40
60-80	2332.56	N.A.	14.40
70-80	782.59	N.A.	4.80
80-90	167.48	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	16171.37	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	703.48
10-20	1957.25
20-30	2793.3
30-40	3077.00
40-50	2853.4
50-60	2286.91
60-70	1549.97
70-80	782.59
80-90	167.48
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-L19-850-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	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-L19-850-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	21.8	23.4	22.2	23.7	24.0	20.1	21.6	20.5	21.9	22.3
	3H	23.4	24.8	23.8	25.1	25.5	21.4	22.8	21.8	23.1	23.5
	4H	24.0	25.3	24.4	25.6	26.0	21.9	23.2	22.3	23.5	23.9
	6H	24.3	25.5	24.7	25.9	26.3	22.1	23.3	22.5	23.7	24.1
	8H	24.4	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.1
	12H	24.5	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.1

UGR Viewed Endwise

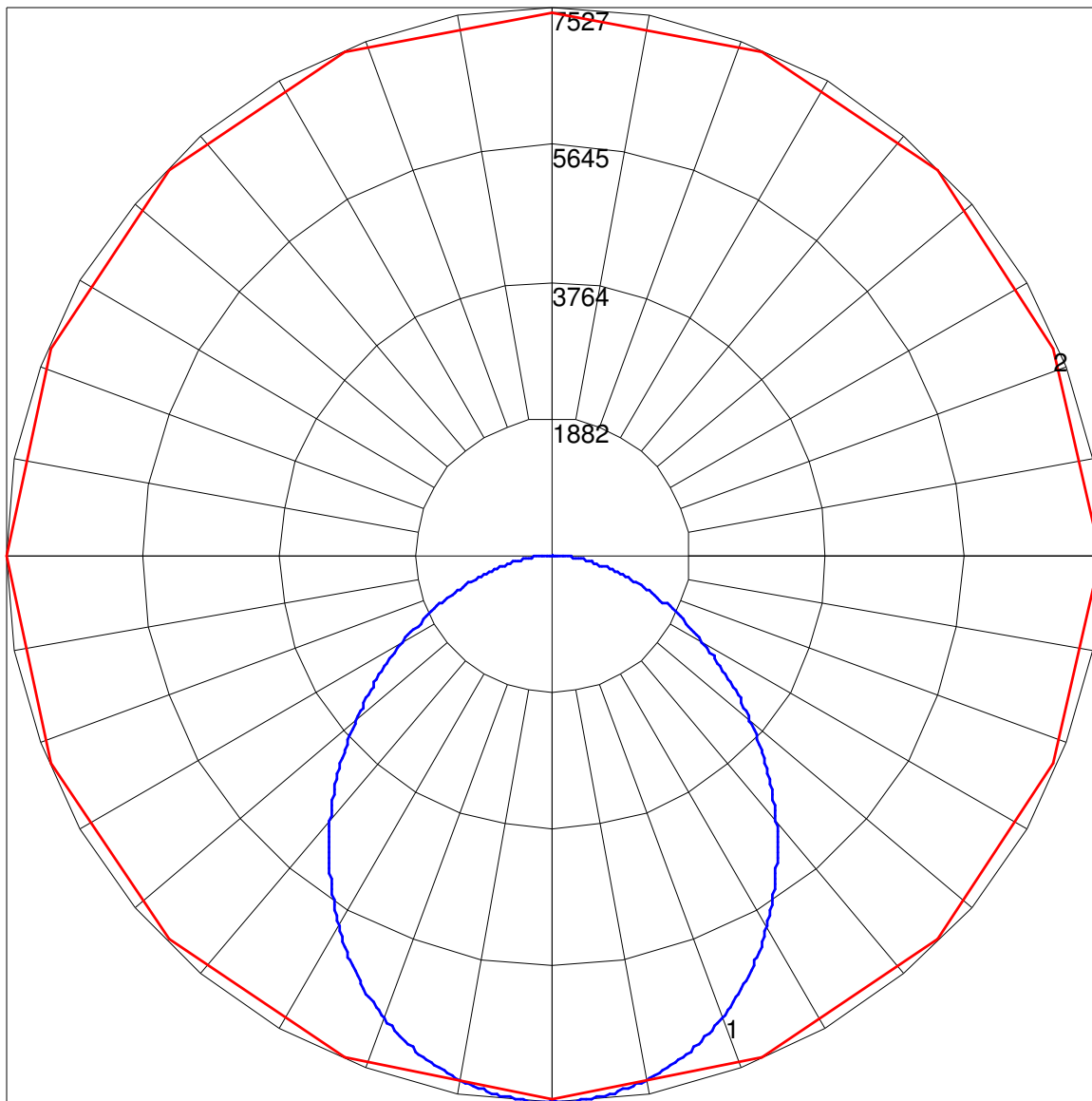
4H	2H	22.2	23.5	22.6	23.8	24.2	20.8	22.1	21.2	22.4	22.8
	3H	24.0	25.1	24.4	25.5	25.9	22.3	23.4	22.7	23.8	24.2
	4H	24.7	25.6	25.1	26.1	26.5	22.8	23.8	23.2	24.2	24.6
	6H	25.2	26.0	25.6	26.5	26.9	23.2	24.0	23.6	24.5	24.9
	8H	25.3	26.1	25.8	26.6	27.0	23.2	24.0	23.7	24.5	24.9
	12H	25.4	26.1	25.9	26.6	27.1	23.3	24.0	23.8	24.5	24.9

8H	4H	24.8	25.6	25.3	26.0	26.5	23.1	23.9	23.6	24.4	24.8
	6H	25.4	26.0	25.9	26.5	27.0	23.5	24.2	24.0	24.7	25.2
	8H	25.6	26.2	26.1	26.7	27.2	23.7	24.3	24.2	24.8	25.3
	12H	25.7	26.2	26.2	26.7	27.3	23.7	24.3	24.2	24.7	25.3

12H	4H	24.8	25.5	25.3	26.0	26.4	23.2	23.9	23.6	24.3	24.8
	6H	25.4	26.0	25.9	26.4	27.0	23.6	24.2	24.1	24.7	25.2
	8H	25.6	26.1	26.1	26.6	27.2	23.8	24.3	24.3	24.8	25.3

Maximum UGR = 27.3

POLAR GRAPH



Maximum Candela = 7527.239 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.)