

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L16-840-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-12

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L16-840-DMA-DIM-UNV_

[LUMINAIRE] Nominal 2" x 8' 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	13233
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	132.8
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)	8.00 ft
Luminous Width (90-270)	0.23 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	28260	24466	21342
55	24975	20947	17331
65	21423	16857	13606
75	17188	12019	9336
85	11315	3582	1940

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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	6293.977	6293.977	6293.977	6293.977	6293.977
0.5	6303.787	6284.168	6299.863	6295.939	6278.282
1.0	6299.863	6282.206	6299.863	6293.977	6276.320
1.5	6297.901	6278.282	6293.977	6288.092	6270.434
2.0	6295.939	6276.320	6292.016	6284.168	6264.548
2.5	6292.016	6272.396	6286.130	6276.320	6258.662
3.0	6288.092	6268.472	6280.244	6268.472	6248.852
3.5	6282.206	6262.586	6270.434	6256.700	6239.043
4.0	6276.320	6254.738	6262.586	6246.890	6225.309
4.5	6270.434	6246.890	6250.814	6233.157	6209.613
5.0	6266.510	6239.043	6241.004	6217.461	6195.879
5.5	6254.738	6229.233	6227.271	6203.727	6180.184
6.0	6246.890	6219.423	6213.537	6186.070	6162.526
6.5	6237.081	6207.651	6199.803	6166.450	6142.906
7.0	6225.309	6193.917	6184.108	6148.792	6119.363
7.5	6213.537	6182.146	6166.450	6125.249	6095.819
8.0	6201.765	6168.412	6148.792	6103.667	6070.314
8.5	6188.031	6152.716	6129.173	6080.124	6048.732
9.0	6172.336	6137.020	6109.553	6054.618	6023.227
9.5	6158.602	6123.287	6087.971	6029.112	5993.797
10.0	6142.906	6105.629	6066.390	6001.645	5964.368
10.5	6129.173	6087.971	6042.846	5972.216	5932.976
11.0	6111.515	6068.352	6017.341	5942.786	5897.661
11.5	6095.819	6050.694	5991.835	5911.395	5868.232
12.0	6084.047	6033.036	5964.368	5880.003	5834.878
12.5	6058.542	6013.417	5936.900	5844.688	5801.525
13.0	6034.998	5989.873	5909.433	5811.335	5764.247
13.5	6015.379	5962.406	5880.003	5777.981	5726.970
14.0	5991.835	5936.900	5848.612	5740.704	5689.693
14.5	5968.292	5909.433	5817.220	5703.427	5650.454
15.0	5944.748	5883.927	5787.791	5666.149	5609.252
15.5	5921.205	5858.422	5756.400	5624.948	5568.051
16.0	5895.699	5830.954	5725.008	5585.709	5528.812
16.5	5872.155	5801.525	5689.693	5546.470	5485.649
17.0	5842.726	5772.095	5650.454	5503.306	5440.524
17.5	5815.259	5742.666	5613.176	5462.105	5397.360
18.0	5789.753	5711.274	5575.899	5418.942	5350.273
18.5	5758.362	5679.883	5536.660	5373.817	5305.148
19.0	5728.932	5648.492	5497.420	5332.616	5260.023
19.5	5701.465	5615.138	5458.181	5285.528	5209.012
20.0	5668.111	5581.785	5418.942	5238.441	5161.925
20.5	5638.682	5550.393	5379.703	5193.316	5114.838
21.0	5607.290	5515.078	5336.540	5148.191	5065.789
21.5	5573.937	5479.763	5293.376	5101.104	5016.740
22.0	5540.584	5444.447	5252.175	5052.055	4967.690
22.5	5507.230	5407.170	5210.974	5003.006	4918.641
23.0	5471.915	5371.855	5165.849	4953.957	4867.630
23.5	5438.562	5334.578	5120.724	4906.870	4816.619
24.0	5399.322	5295.338	5075.598	4855.859	4767.570
24.5	5364.007	5256.099	5028.511	4806.809	4716.559
25.0	5326.730	5216.860	4985.348	4755.798	4665.548
25.5	5289.452	5177.621	4938.261	4704.787	4612.575
26.0	5252.175	5134.457	4891.174	4655.738	4561.564
26.5	5212.936	5095.218	4844.087	4604.727	4508.591

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CANDELA TABULATION - (Cont.)

27.0	5171.735	5052.055	4797.000	4553.716	4457.580
27.5	5130.533	5010.854	4747.951	4502.705	4404.607
28.0	5085.408	4967.690	4700.863	4451.694	4351.634
28.5	5040.283	4924.527	4653.776	4402.645	4298.661
29.0	4999.082	4881.364	4602.765	4349.672	4245.688
29.5	4957.881	4836.239	4553.716	4296.699	4190.753
30.0	4912.755	4791.114	4506.629	4245.688	4141.704
30.5	4871.554	4747.951	4457.580	4192.715	4088.731
31.0	4826.429	4702.825	4408.531	4139.742	4037.720
31.5	4785.228	4655.738	4357.520	4088.731	3986.709
32.0	4740.103	4608.651	4308.471	4035.758	3933.736
32.5	4694.978	4561.564	4257.460	3980.823	3880.763
33.0	4651.814	4514.477	4208.411	3929.812	3829.752
33.5	4606.689	4469.352	4159.362	3880.763	3778.741
34.0	4559.602	4420.303	4108.351	3827.790	3725.768
34.5	4514.477	4373.216	4059.302	3776.779	3676.719
35.0	4467.390	4326.129	4008.291	3725.768	3621.784
35.5	4424.227	4277.079	3957.279	3674.757	3568.811
36.0	4377.140	4229.992	3908.230	3621.784	3511.914
36.5	4330.052	4180.943	3857.219	3568.811	3462.865
37.0	4284.927	4131.894	3806.208	3513.876	3411.854
37.5	4235.878	4082.845	3759.121	3462.865	3362.805
38.0	4184.867	4035.758	3708.110	3413.816	3311.794
38.5	4137.780	3984.747	3657.099	3364.767	3262.745
39.0	4092.655	3935.698	3602.164	3313.756	3213.695
39.5	4041.644	3886.649	3549.191	3264.707	3164.646
40.0	3994.557	3837.600	3498.180	3217.619	3115.597
40.5	3945.508	3788.551	3449.131	3166.608	3066.548
41.0	3892.535	3739.502	3400.082	3119.521	3017.499
41.5	3843.486	3688.491	3349.071	3070.472	2970.412
42.0	3792.475	3637.480	3301.984	3023.385	2921.363
42.5	3741.464	3584.507	3250.973	2974.336	2874.276
43.0	3692.414	3529.572	3205.848	2927.249	2825.227
43.5	3639.441	3480.522	3156.799	2880.162	2776.178
44.0	3584.507	3431.473	3107.749	2833.075	2727.129
44.5	3527.610	3380.462	3060.662	2785.988	2678.080
45.0	3478.561	3331.413	3011.613	2738.900	2627.069
45.5	3429.511	3282.364	2964.526	2691.813	2578.019
46.0	3378.500	3233.315	2915.477	2642.764	2530.932
46.5	3327.489	3184.266	2868.390	2595.677	2481.883
47.0	3276.478	3135.217	2823.265	2546.628	2434.796
47.5	3227.429	3086.168	2776.178	2499.541	2387.709
48.0	3176.418	3037.119	2729.091	2450.492	2340.622
48.5	3127.369	2990.032	2682.003	2403.405	2293.535
49.0	3078.320	2940.983	2636.878	2356.318	2246.448
49.5	3027.309	2891.934	2589.791	2309.231	2201.323
50.0	2980.222	2844.846	2544.666	2264.105	2158.159
50.5	2931.173	2795.797	2499.541	2217.018	2113.034
51.0	2882.124	2748.710	2454.416	2171.893	2067.909
51.5	2833.075	2701.623	2409.291	2126.768	2024.746
52.0	2784.026	2654.536	2364.165	2081.643	1981.583
52.5	2736.938	2607.449	2319.040	2038.480	1938.027
53.0	2687.889	2562.324	2273.915	1993.354	1894.275
53.5	2638.840	2515.237	2228.790	1949.995	1854.644
54.0	2589.791	2468.150	2183.665	1906.636	1811.677
54.5	2542.704	2421.062	2136.578	1864.061	1770.475

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55.0	2493.655	2375.937	2091.453	1820.702	1730.451
55.5	2446.568	2330.812	2046.327	1778.912	1690.427
56.0	2397.519	2285.687	1999.240	1736.926	1650.011
56.5	2350.432	2238.600	1954.900	1696.117	1609.398
57.0	2301.383	2195.437	1910.363	1654.916	1570.551
57.5	2256.258	2150.312	1865.827	1614.696	1531.312
58.0	2209.170	2105.186	1821.487	1574.672	1493.446
58.5	2160.121	2060.061	1778.127	1535.040	1454.992
59.0	2114.996	2014.936	1734.375	1495.997	1416.930
59.5	2067.909	1971.773	1691.016	1456.954	1380.045
60.0	2022.784	1927.433	1648.441	1419.088	1343.945
60.5	1975.697	1884.269	1606.652	1380.633	1307.256
61.0	1930.179	1840.910	1564.862	1342.571	1271.548
61.5	1884.662	1797.747	1523.072	1305.294	1236.822
62.0	1839.340	1754.584	1481.478	1269.586	1201.702
62.5	1795.000	1712.401	1440.277	1233.290	1166.779
63.0	1750.660	1670.415	1399.664	1197.190	1133.034
63.5	1707.300	1628.822	1359.052	1161.678	1100.073
64.0	1662.567	1587.032	1319.224	1126.755	1066.131
64.5	1619.012	1545.831	1279.592	1092.029	1033.366
65.0	1576.045	1504.433	1240.157	1057.890	1000.994
65.5	1532.882	1463.428	1201.114	1023.752	968.621
66.0	1490.503	1423.404	1162.463	990.595	936.641
66.5	1448.517	1382.988	1124.597	957.046	905.446
67.0	1405.943	1342.571	1086.339	924.281	874.447
67.5	1364.153	1302.743	1049.258	891.908	843.252
68.0	1323.148	1262.131	1011.588	859.732	812.841
68.5	1281.947	1221.322	975.488	828.341	782.627
69.0	1241.138	1179.728	939.388	796.753	752.805
69.5	1200.525	1139.312	903.680	765.950	723.768
70.0	1159.716	1098.699	868.365	735.540	693.946
70.5	1119.300	1058.087	833.442	705.326	665.694
71.0	1079.080	1018.063	798.911	675.308	637.049
71.5	1040.037	978.627	764.969	646.074	608.405
72.0	1001.582	939.584	731.616	616.645	580.349
72.5	962.147	901.522	698.655	588.000	552.685
73.0	923.888	863.264	666.283	559.552	525.806
73.5	885.434	825.202	634.499	531.300	498.535
74.0	848.353	788.513	603.107	504.225	472.441
74.5	811.076	751.824	572.305	476.561	446.347
75.0	774.387	715.332	541.502	449.682	420.645
75.5	737.894	680.016	511.680	423.195	395.924
76.0	702.775	644.701	482.447	397.690	371.203
76.5	667.852	610.563	453.410	372.577	347.464
77.0	633.322	576.032	425.157	347.660	324.705
77.5	599.576	542.483	397.298	323.724	301.946
78.0	566.026	509.522	369.830	300.377	279.776
78.5	533.458	477.149	342.559	277.618	258.194
79.0	501.282	445.169	316.268	255.251	237.005
79.5	470.283	413.582	290.763	233.670	216.012
80.0	439.676	382.779	266.042	212.677	195.804
80.5	409.658	352.565	242.106	191.684	175.596
81.0	380.032	322.743	219.347	171.279	155.976
81.5	351.191	293.902	196.981	151.071	135.964
82.0	323.135	266.042	175.792	131.648	116.148
82.5	295.864	238.967	154.995	111.636	95.155

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CANDELA TABULATION - (Cont.)

83.0	269.378	212.677	134.591	91.231	72.593
83.5	243.676	187.171	114.971	68.669	48.460
84.0	218.759	163.039	95.744	45.714	37.473
84.5	194.823	139.888	76.320	34.923	33.157
85.0	171.672	117.914	54.346	30.607	29.429
85.5	149.502	97.313	32.961	26.879	25.898
86.0	128.116	77.694	25.898	23.151	22.366
86.5	107.319	59.251	21.974	19.620	18.835
87.0	87.896	41.201	18.246	16.284	15.500
87.5	69.257	21.778	14.519	12.753	12.360
88.0	51.796	13.734	11.183	9.614	9.025
88.5	35.708	10.202	7.848	6.671	6.278
89.0	21.778	6.671	4.709	3.924	3.728
89.5	9.810	3.532	2.354	1.962	1.570
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-8-L16-840-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-8-L16-840-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-8-L16-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2213.4	N.A.	16.70
0-30	4505.91	N.A.	34.10
0-40	7021.17	N.A.	53.10
0-60	11241.5	N.A.	85.00
0-80	13120.84	N.A.	99.20
0-90	13232.75	N.A.	100.00
10-90	12643.48	N.A.	95.50
20-40	4807.77	N.A.	36.30
20-50	7148.39	N.A.	54.00
40-70	5483.84	N.A.	41.40
60-80	1879.34	N.A.	14.20
70-80	615.84	N.A.	4.70
80-90	111.91	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	13232.75	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	589.27
10-20	1624.13
20-30	2292.51
30-40	2515.26
40-50	2340.62
50-60	1879.71
60-70	1263.51
70-80	615.84
80-90	111.91
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 : LRX2X-8-L16-840-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	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	67	55	47	41	53	46	41	52	45	41	50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37	48	41	37	47	41	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	29

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX2X-8-L16-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

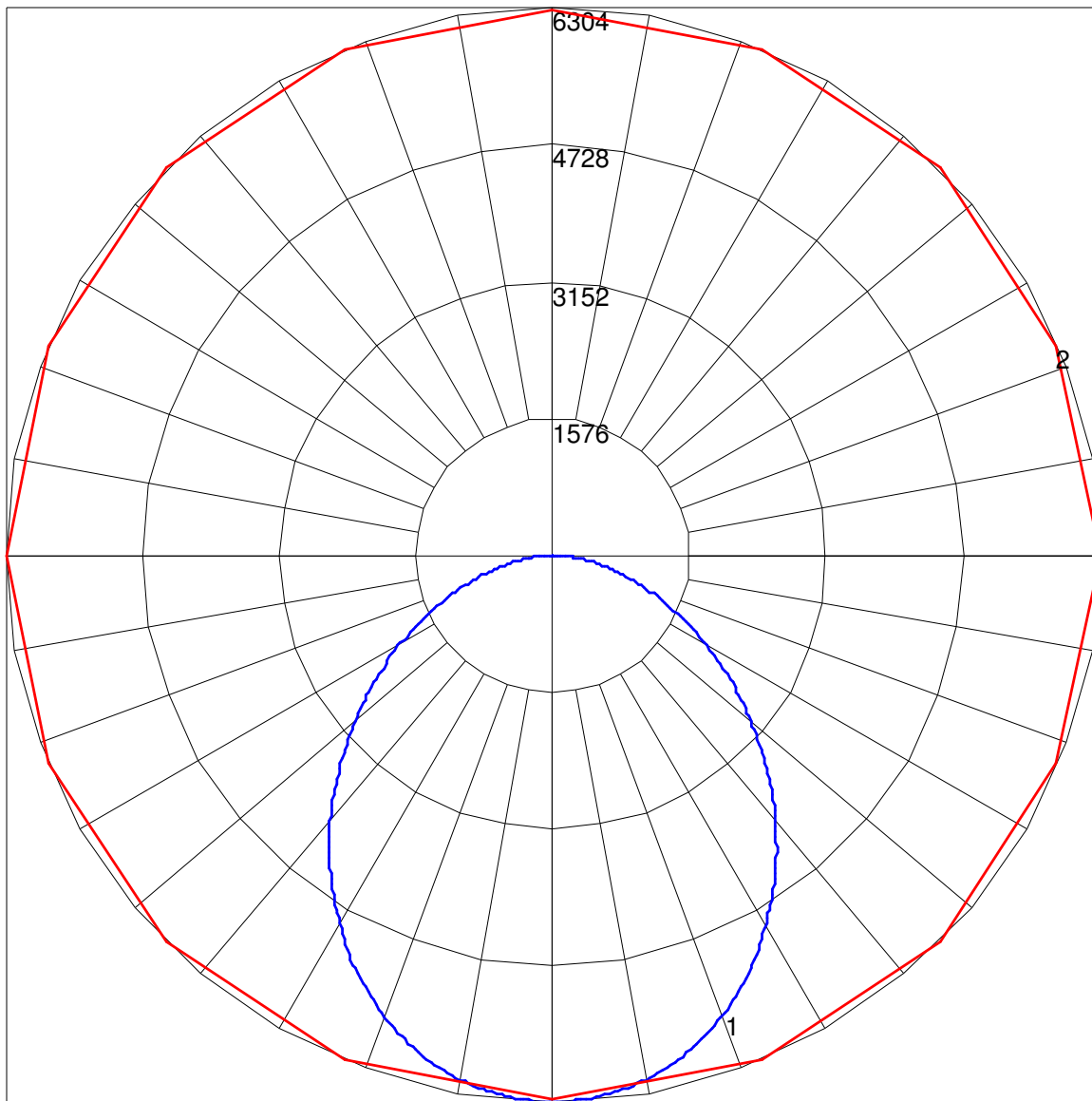
Reflectances

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	23.2	24.7	23.6	25.1	25.4	21.1	22.6	21.4	22.9	23.2
	3H	24.8	26.2	25.2	26.5	26.9	22.3	23.7	22.7	24.0	24.4
	4H	25.4	26.7	25.8	27.0	27.4	22.7	24.0	23.1	24.4	24.7
	6H	25.7	26.9	26.1	27.3	27.7	22.9	24.1	23.3	24.5	24.8
	8H	25.8	27.0	26.3	27.4	27.8	22.9	24.0	23.3	24.4	24.8
	12H	25.9	27.0	26.3	27.4	27.8	22.9	24.0	23.3	24.4	24.8
4H	2H	23.5	24.8	23.9	25.2	25.5	21.8	23.1	22.2	23.4	23.8
	3H	25.3	26.4	25.8	26.8	27.2	23.2	24.3	23.6	24.7	25.1
	4H	26.0	27.0	26.5	27.4	27.8	23.7	24.6	24.1	25.1	25.5
	6H	26.5	27.4	27.0	27.8	28.3	23.9	24.8	24.4	25.2	25.7
	8H	26.6	27.4	27.1	27.9	28.3	23.9	24.7	24.4	25.2	25.6
	12H	26.7	27.4	27.2	27.9	28.4	23.9	24.6	24.4	25.1	25.6
8H	4H	26.1	26.9	26.6	27.3	27.8	24.0	24.8	24.4	25.2	25.7
	6H	26.7	27.3	27.2	27.8	28.3	24.3	24.9	24.8	25.4	25.9
	8H	26.9	27.4	27.4	28.0	28.4	24.3	24.9	24.8	25.4	25.9
	12H	27.0	27.5	27.5	28.0	28.6	24.3	24.8	24.8	25.3	25.9
12H	4H	26.1	26.8	26.6	27.3	27.7	24.0	24.7	24.5	25.2	25.6
	6H	26.7	27.3	27.2	27.7	28.3	24.3	24.9	24.9	25.4	25.9
	8H	26.9	27.4	27.4	27.9	28.4	24.4	24.9	24.9	25.4	25.9

Maximum UGR = 28.6

POLAR GRAPH



Maximum Candela = 6303.787 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.)