

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L16-827-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-L16-827-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	12462
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
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	26614	23041	20099
55	23520	19726	16321
65	20175	15875	12814
75	16187	11319	8792
85	10656	3373	1827

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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	5927.338	5927.338	5927.338	5927.338	5927.338
0.5	5936.577	5918.100	5932.881	5929.186	5912.557
1.0	5932.881	5916.252	5932.881	5927.338	5910.709
1.5	5931.034	5912.557	5927.338	5921.795	5905.166
2.0	5929.186	5910.709	5925.491	5918.100	5899.623
2.5	5925.491	5907.014	5919.948	5910.709	5894.080
3.0	5921.795	5903.318	5914.405	5903.318	5884.842
3.5	5916.252	5897.775	5905.166	5892.232	5875.603
4.0	5910.709	5890.385	5897.775	5882.994	5862.670
4.5	5905.166	5882.994	5886.689	5870.060	5847.888
5.0	5901.471	5875.603	5877.451	5855.279	5834.955
5.5	5890.385	5866.365	5864.517	5842.345	5820.173
6.0	5882.994	5857.127	5851.584	5825.716	5803.544
6.5	5873.756	5846.041	5838.650	5807.239	5785.067
7.0	5862.670	5833.107	5823.868	5790.610	5762.895
7.5	5851.584	5822.021	5807.239	5768.438	5740.723
8.0	5840.498	5809.087	5790.610	5748.114	5716.703
8.5	5827.564	5794.306	5772.134	5725.942	5696.379
9.0	5812.782	5779.524	5753.657	5701.922	5672.359
9.5	5799.849	5766.591	5733.332	5677.902	5644.644
10.0	5785.067	5749.962	5713.008	5652.035	5616.929
10.5	5772.134	5733.332	5690.836	5624.320	5587.366
11.0	5755.505	5714.856	5666.816	5596.605	5554.108
11.5	5740.723	5698.227	5642.796	5567.042	5526.393
12.0	5729.637	5681.598	5616.929	5537.479	5494.983
12.5	5705.617	5663.121	5591.062	5504.221	5463.572
13.0	5683.445	5640.949	5565.194	5472.810	5428.466
13.5	5664.969	5615.081	5537.479	5441.400	5393.360
14.0	5642.796	5591.062	5507.916	5406.294	5358.255
14.5	5620.624	5565.194	5478.353	5371.188	5321.301
15.0	5598.452	5541.174	5450.638	5336.083	5282.500
15.5	5576.280	5517.155	5421.076	5297.281	5243.699
16.0	5552.260	5491.287	5391.513	5260.328	5206.745
16.5	5530.088	5463.572	5358.255	5223.374	5166.097
17.0	5502.373	5435.857	5321.301	5182.726	5123.600
17.5	5476.506	5408.142	5286.195	5143.924	5082.951
18.0	5452.486	5378.579	5251.090	5103.276	5038.607
18.5	5422.923	5349.016	5214.136	5060.779	4996.111
19.0	5395.208	5319.453	5177.183	5021.978	4953.614
19.5	5369.341	5288.043	5140.229	4977.634	4905.575
20.0	5337.930	5256.633	5103.276	4933.290	4861.230
20.5	5310.215	5227.070	5066.322	4890.793	4816.886
21.0	5280.652	5193.812	5025.673	4848.297	4770.694
21.5	5249.242	5160.554	4985.024	4803.952	4724.502
22.0	5217.831	5127.295	4946.223	4757.761	4678.311
22.5	5186.421	5092.190	4907.422	4711.569	4632.119
23.0	5153.163	5058.931	4864.926	4665.377	4584.079
23.5	5121.752	5023.826	4822.429	4621.033	4536.040
24.0	5084.799	4986.872	4779.933	4572.993	4489.848
24.5	5051.541	4949.919	4735.588	4526.801	4441.808
25.0	5016.435	4912.965	4694.940	4478.762	4393.769
25.5	4981.329	4876.012	4650.595	4430.722	4343.882
26.0	4946.223	4835.363	4606.251	4384.530	4295.842
26.5	4909.270	4798.409	4561.907	4336.491	4245.955

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CANDELA TABULATION - (Cont.)

27.0	4870.469	4757.761	4517.563	4288.451	4197.915
27.5	4831.668	4718.959	4471.371	4240.412	4148.028
28.0	4789.171	4678.311	4427.027	4192.372	4098.141
28.5	4746.675	4637.662	4382.683	4146.180	4048.254
29.0	4707.873	4597.013	4334.643	4096.293	3998.367
29.5	4669.072	4554.516	4288.451	4046.406	3946.632
30.0	4626.576	4512.020	4244.107	3998.367	3900.440
30.5	4587.775	4471.371	4197.915	3948.479	3850.553
31.0	4545.278	4428.875	4151.724	3898.592	3802.513
31.5	4506.477	4384.530	4103.684	3850.553	3754.474
32.0	4463.980	4340.186	4057.492	3800.665	3704.586
32.5	4421.484	4295.842	4009.453	3748.931	3654.699
33.0	4380.835	4251.498	3963.261	3700.891	3606.660
33.5	4338.339	4209.001	3917.069	3654.699	3558.620
34.0	4293.994	4162.810	3869.029	3604.812	3508.733
34.5	4251.498	4118.465	3822.838	3556.772	3462.541
35.0	4207.154	4074.121	3774.798	3508.733	3410.806
35.5	4166.505	4027.929	3726.758	3460.693	3360.919
36.0	4122.161	3983.585	3680.567	3410.806	3307.336
36.5	4077.817	3937.393	3632.527	3360.919	3261.145
37.0	4035.320	3891.201	3584.488	3309.184	3213.105
37.5	3989.128	3845.010	3540.143	3261.145	3166.913
38.0	3941.089	3800.665	3492.104	3214.953	3118.874
38.5	3896.744	3752.626	3444.064	3168.761	3072.682
39.0	3854.248	3706.434	3392.329	3120.721	3026.490
39.5	3806.208	3660.242	3342.442	3074.530	2980.298
40.0	3761.864	3614.050	3294.403	3030.185	2934.106
40.5	3715.672	3567.859	3248.211	2982.146	2887.914
41.0	3665.785	3521.667	3202.019	2937.802	2841.723
41.5	3619.593	3473.627	3153.980	2891.610	2797.378
42.0	3571.554	3425.588	3109.635	2847.266	2751.187
42.5	3523.514	3375.700	3061.596	2801.074	2706.842
43.0	3477.322	3323.966	3019.099	2756.730	2660.651
43.5	3427.435	3277.774	2972.907	2712.385	2614.459
44.0	3375.700	3231.582	2926.716	2668.041	2568.267
44.5	3322.118	3183.542	2882.371	2623.697	2522.075
45.0	3275.926	3137.350	2836.180	2579.353	2474.036
45.5	3229.734	3091.159	2791.835	2535.009	2427.844
46.0	3181.695	3044.967	2745.644	2488.817	2383.499
46.5	3133.655	2998.775	2701.299	2444.473	2337.308
47.0	3085.616	2952.583	2658.803	2398.281	2292.963
47.5	3039.424	2906.391	2614.459	2353.937	2248.619
48.0	2991.384	2860.199	2570.115	2307.745	2204.275
48.5	2945.192	2815.855	2525.770	2263.401	2159.931
49.0	2899.001	2769.663	2483.274	2219.056	2115.587
49.5	2850.961	2723.471	2438.930	2174.712	2073.090
50.0	2806.617	2679.127	2396.433	2132.216	2032.441
50.5	2760.425	2632.935	2353.937	2087.872	1989.945
51.0	2714.233	2588.591	2311.440	2045.375	1947.448
51.5	2668.041	2544.247	2268.944	2002.879	1906.800
52.0	2621.849	2499.903	2226.447	1960.382	1866.151
52.5	2577.505	2455.559	2183.951	1919.733	1825.132
53.0	2531.313	2413.062	2141.454	1877.237	1783.929
53.5	2485.122	2368.718	2098.958	1836.403	1746.606
54.0	2438.930	2324.374	2056.461	1795.570	1706.142
54.5	2394.586	2280.030	2012.117	1755.475	1667.341

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CANDELA TABULATION - (Cont.)

55.0	2348.394	2237.533	1969.620	1714.641	1629.648
55.5	2304.049	2195.037	1927.124	1675.286	1591.956
56.0	2257.858	2152.540	1882.780	1635.746	1553.894
56.5	2213.513	2108.196	1841.022	1597.314	1515.647
57.0	2167.322	2067.547	1799.080	1558.513	1479.063
57.5	2124.825	2025.051	1757.138	1520.636	1442.110
58.0	2080.481	1982.554	1715.381	1482.943	1406.449
58.5	2034.289	1940.058	1674.547	1445.620	1370.235
59.0	1991.793	1897.561	1633.344	1408.851	1334.390
59.5	1947.448	1856.912	1592.510	1372.083	1299.654
60.0	1904.952	1815.155	1552.416	1336.423	1265.657
60.5	1860.608	1774.506	1513.060	1300.208	1231.105
61.0	1817.742	1733.673	1473.705	1264.363	1197.478
61.5	1774.876	1693.024	1434.349	1229.258	1164.774
62.0	1732.194	1652.375	1395.179	1195.630	1131.700
62.5	1690.437	1612.650	1356.377	1161.448	1098.812
63.0	1648.680	1573.110	1318.131	1127.451	1067.032
63.5	1607.846	1533.939	1279.884	1094.008	1035.991
64.0	1565.719	1494.584	1242.376	1061.119	1004.026
64.5	1524.701	1455.782	1205.053	1028.415	973.170
65.0	1484.237	1416.796	1167.915	996.266	942.683
65.5	1443.588	1378.180	1131.146	964.116	912.197
66.0	1403.678	1340.487	1094.747	932.891	882.080
66.5	1364.138	1302.425	1059.087	901.295	852.702
67.0	1324.043	1264.363	1023.057	870.439	823.508
67.5	1284.688	1226.856	988.136	839.953	794.130
68.0	1246.071	1188.609	952.661	809.651	765.491
68.5	1207.270	1150.177	918.664	780.088	737.037
69.0	1168.839	1111.006	884.666	750.340	708.953
69.5	1130.592	1072.944	851.039	721.332	681.607
70.0	1092.160	1034.697	817.781	692.693	653.522
70.5	1054.098	996.451	784.892	664.239	626.916
71.0	1016.221	958.758	752.373	635.969	599.940
71.5	979.452	921.620	720.408	608.439	572.964
72.0	943.238	884.851	688.998	580.724	546.542
72.5	906.099	849.006	657.957	553.748	520.490
73.0	870.070	812.977	627.470	526.957	495.177
73.5	833.855	777.132	597.538	500.350	469.494
74.0	798.934	742.580	567.975	474.852	444.920
74.5	763.828	708.029	538.967	448.800	420.346
75.0	729.277	673.662	509.958	423.487	396.141
75.5	694.910	640.404	481.873	398.543	372.861
76.0	661.837	607.146	454.343	374.524	349.580
76.5	628.948	574.996	426.997	350.873	327.223
77.0	596.429	542.477	400.391	327.408	305.790
77.5	564.649	510.882	374.154	304.866	284.357
78.0	533.054	479.841	348.287	282.879	263.478
78.5	502.383	449.354	322.604	261.446	243.154
79.0	472.081	419.237	297.845	240.382	223.199
79.5	442.887	389.490	273.825	220.058	203.429
80.0	414.064	360.481	250.545	200.288	184.398
80.5	385.794	332.027	228.003	180.518	165.367
81.0	357.894	303.942	206.570	161.302	146.890
81.5	330.734	276.782	185.506	142.271	128.044
82.0	304.312	250.545	165.552	123.979	109.382
82.5	278.629	225.047	145.966	105.133	89.612

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CANDELA TABULATION - (Cont.)

83.0	253.686	200.288	126.750	85.917	68.364
83.5	229.481	176.268	108.274	64.669	45.638
84.0	206.016	153.542	90.166	43.051	35.291
84.5	183.474	131.739	71.875	32.889	31.226
85.0	161.671	111.045	51.181	28.824	27.715
85.5	140.793	91.645	31.041	25.313	24.389
86.0	120.653	73.168	24.389	21.803	21.063
86.5	101.068	55.800	20.694	18.477	17.738
87.0	82.776	38.801	17.183	15.336	14.597
87.5	65.223	20.509	13.673	12.010	11.640
88.0	48.779	12.934	10.532	9.054	8.499
88.5	33.628	9.608	7.391	6.282	5.913
89.0	20.509	6.282	4.434	3.695	3.511
89.5	9.238	3.326	2.217	1.848	1.478
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-L16-827-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 : LRX2X-8-L16-827-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 : LRX2X-8-L16-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2084.46	N.A.	16.70
0-30	4243.43	N.A.	34.10
0-40	6612.17	N.A.	53.10
0-60	10586.66	N.A.	85.00
0-80	12356.52	N.A.	99.20
0-90	12461.91	N.A.	100.00
10-90	11906.97	N.A.	95.50
20-40	4527.71	N.A.	36.30
20-50	6731.98	N.A.	54.00
40-70	5164.39	N.A.	41.40
60-80	1769.87	N.A.	14.20
70-80	579.96	N.A.	4.70
80-90	105.39	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	12461.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	554.94
10-20	1529.52
20-30	2158.97
30-40	2368.74
40-50	2204.27
50-60	1770.21
60-70	1189.9
70-80	579.96
80-90	105.39
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-L16-827-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	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-L16-827-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	23.0	24.5	23.4	24.9	25.2	20.9	22.4	21.2	22.7	23.0
	3H	24.6	26.0	25.0	26.3	26.7	22.1	23.5	22.5	23.8	24.2
	4H	25.2	26.5	25.6	26.8	27.2	22.5	23.8	22.9	24.2	24.5
	6H	25.5	26.7	25.9	27.1	27.5	22.7	23.9	23.1	24.3	24.6
	8H	25.6	26.8	26.1	27.2	27.6	22.7	23.8	23.1	24.2	24.6
	12H	25.7	26.8	26.1	27.2	27.6	22.7	23.8	23.1	24.2	24.6

UGR Viewed Endwise

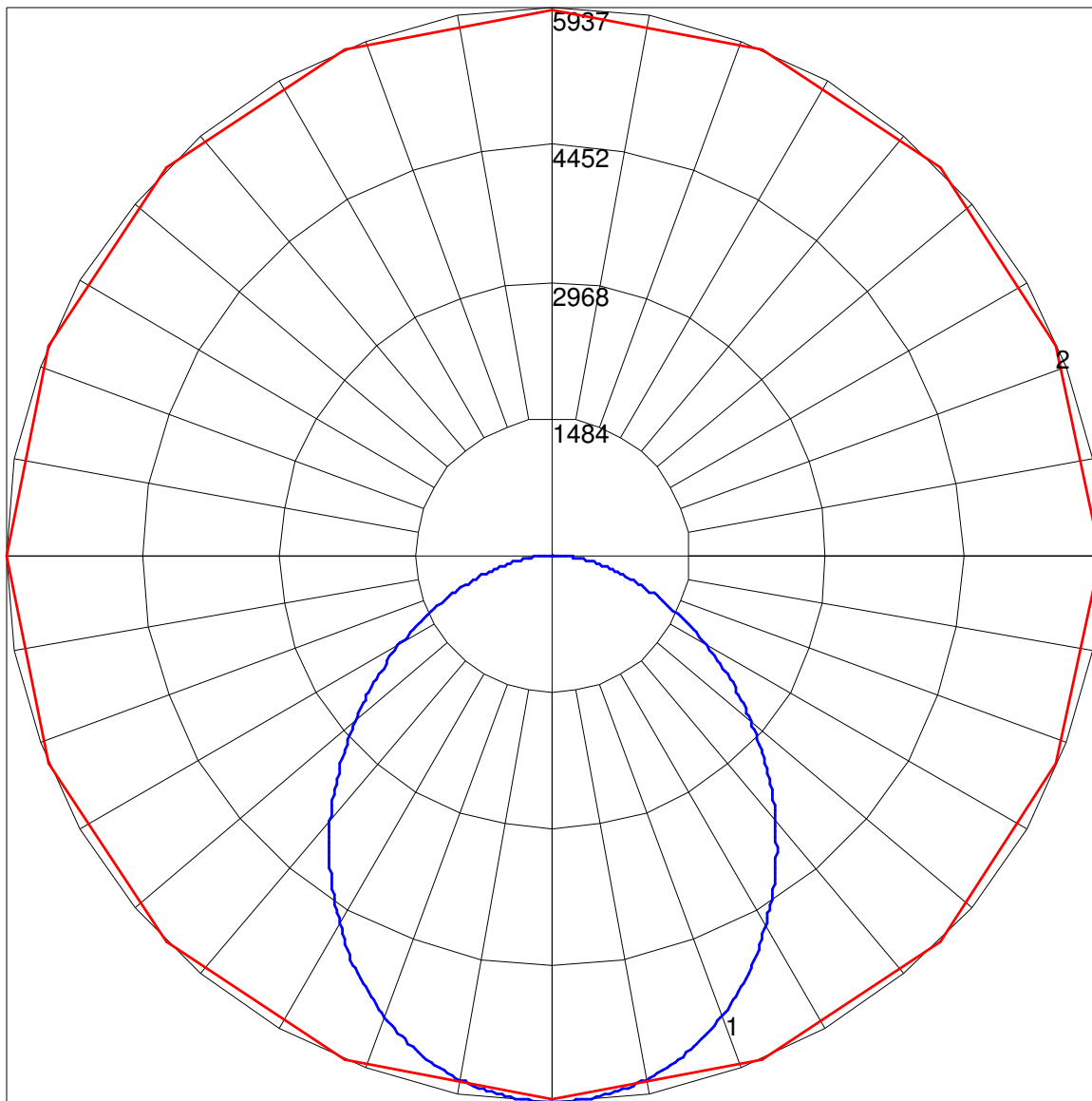
4H	2H	23.3	24.6	23.7	25.0	25.3	21.6	22.9	22.0	23.2	23.6
	3H	25.1	26.2	25.6	26.6	27.0	23.0	24.1	23.4	24.5	24.9
	4H	25.8	26.8	26.3	27.2	27.6	23.5	24.4	23.9	24.9	25.3
	6H	26.3	27.2	26.8	27.6	28.1	23.7	24.6	24.2	25.0	25.5
	8H	26.4	27.2	26.9	27.7	28.1	23.7	24.5	24.2	25.0	25.4
	12H	26.5	27.2	27.0	27.7	28.2	23.7	24.4	24.2	24.9	25.4

8H	4H	25.9	26.7	26.4	27.1	27.6	23.8	24.5	24.2	25.0	25.5
	6H	26.5	27.1	27.0	27.6	28.1	24.1	24.7	24.6	25.2	25.7
	8H	26.7	27.2	27.2	27.8	28.2	24.1	24.7	24.6	25.2	25.7
	12H	26.8	27.3	27.3	27.8	28.4	24.1	24.6	24.6	25.1	25.7

12H	4H	25.9	26.6	26.4	27.1	27.5	23.8	24.5	24.3	25.0	25.4
	6H	26.5	27.1	27.0	27.5	28.1	24.1	24.7	24.7	25.2	25.7
	8H	26.7	27.2	27.2	27.7	28.2	24.2	24.7	24.7	25.2	25.7

Maximum UGR = 28.4

POLAR GRAPH



Maximum Candela = 5936.577 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.)