

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2X-8-L16-850-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.01

[TESTLAB] UL, LLC

[ISSUE DATE] 2026-05-12

[TEST DATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX2x-8-L16-850-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	13618
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
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	29083	25179	21964
55	25702	21557	17836
65	22047	17348	14003
75	17688	12369	9608
85	11645	3686	1996

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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	6477.299	6477.299	6477.299	6477.299	6477.299
0.5	6487.394	6467.203	6483.356	6479.318	6461.146
1.0	6483.356	6465.184	6483.356	6477.299	6459.127
1.5	6481.337	6461.146	6477.299	6471.241	6453.069
2.0	6479.318	6459.127	6475.280	6467.203	6447.012
2.5	6475.280	6455.088	6469.222	6459.127	6440.955
3.0	6471.241	6451.050	6463.165	6451.050	6430.859
3.5	6465.184	6444.993	6453.069	6438.936	6420.764
4.0	6459.127	6436.916	6444.993	6428.840	6406.630
4.5	6453.069	6428.840	6432.878	6414.706	6390.477
5.0	6449.031	6420.764	6422.783	6398.553	6376.343
5.5	6436.916	6410.668	6408.649	6384.420	6360.190
6.0	6428.840	6400.573	6394.515	6366.248	6342.018
6.5	6418.745	6388.458	6380.381	6346.057	6321.827
7.0	6406.630	6374.324	6364.229	6327.885	6297.598
7.5	6394.515	6362.209	6346.057	6303.655	6273.369
8.0	6382.401	6348.076	6327.885	6281.445	6247.120
8.5	6368.267	6331.923	6307.694	6257.216	6224.910
9.0	6352.114	6315.770	6287.502	6230.967	6198.662
9.5	6337.980	6301.636	6265.292	6204.719	6168.375
10.0	6321.827	6283.464	6243.082	6176.452	6138.088
10.5	6307.694	6265.292	6218.853	6146.165	6105.783
11.0	6289.522	6245.101	6192.604	6115.878	6069.439
11.5	6273.369	6226.929	6166.356	6083.573	6039.152
12.0	6261.254	6208.757	6138.088	6051.267	6004.827
12.5	6235.006	6188.566	6109.821	6014.923	5970.503
13.0	6210.776	6164.337	6081.553	5980.598	5932.139
13.5	6190.585	6136.069	6051.267	5946.273	5893.776
14.0	6166.356	6109.821	6018.961	5907.910	5855.413
14.5	6142.127	6081.553	5986.655	5869.547	5815.031
15.0	6117.897	6055.305	5956.369	5831.184	5772.630
15.5	6093.668	6029.057	5924.063	5788.783	5730.229
16.0	6067.420	6000.789	5891.757	5748.401	5689.847
16.5	6043.190	5970.503	5855.413	5708.018	5645.426
17.0	6012.904	5940.216	5815.031	5663.598	5598.987
17.5	5984.636	5909.929	5776.668	5621.197	5554.566
18.0	5958.388	5877.624	5738.305	5576.776	5506.108
18.5	5926.082	5845.318	5697.923	5530.337	5459.668
19.0	5895.796	5813.012	5657.541	5487.936	5413.229
19.5	5867.528	5778.687	5617.159	5439.477	5360.732
20.0	5833.203	5744.362	5576.776	5391.019	5312.273
20.5	5802.917	5712.057	5536.394	5344.579	5263.815
21.0	5770.611	5675.713	5491.974	5298.140	5213.337
21.5	5736.286	5639.369	5447.554	5249.681	5162.859
22.0	5701.961	5603.025	5405.152	5199.203	5112.382
22.5	5667.636	5564.662	5362.751	5148.726	5061.904
23.0	5631.292	5528.318	5316.312	5098.248	5009.407
23.5	5596.968	5489.955	5269.872	5049.789	4956.910
24.0	5556.585	5449.573	5223.433	4997.292	4906.433
24.5	5520.241	5409.190	5174.974	4946.815	4853.936
25.0	5481.878	5368.808	5130.554	4894.318	4801.439
25.5	5443.515	5328.426	5082.095	4841.821	4746.923
26.0	5405.152	5284.006	5033.636	4791.343	4694.426
26.5	5364.770	5243.624	4985.178	4738.847	4639.910

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CANDELA TABULATION - (Cont.)

27.0	5322.369	5199.203	4936.719	4686.350	4587.414
27.5	5279.968	5156.802	4886.241	4633.853	4532.898
28.0	5233.528	5112.382	4837.783	4581.356	4478.382
28.5	5187.089	5067.961	4789.324	4530.878	4423.866
29.0	5144.687	5023.541	4736.828	4476.363	4369.350
29.5	5102.286	4977.101	4686.350	4421.847	4312.815
30.0	5055.847	4930.662	4637.891	4369.350	4262.337
30.5	5013.445	4886.241	4587.414	4314.834	4207.821
31.0	4967.006	4839.802	4536.936	4260.318	4155.324
31.5	4924.605	4791.343	4484.439	4207.821	4102.828
32.0	4878.165	4742.885	4433.961	4153.305	4048.312
32.5	4831.726	4694.426	4381.464	4096.770	3993.796
33.0	4787.305	4645.968	4330.987	4044.273	3941.299
33.5	4740.866	4599.528	4280.509	3993.796	3888.802
34.0	4692.407	4549.050	4228.012	3939.280	3834.286
34.5	4645.968	4500.592	4177.535	3886.783	3783.808
35.0	4597.509	4452.133	4125.038	3834.286	3727.273
35.5	4553.089	4401.656	4072.541	3781.789	3672.758
36.0	4504.630	4353.197	4022.063	3727.273	3614.203
36.5	4456.171	4302.719	3969.566	3672.758	3563.726
37.0	4409.732	4252.242	3917.070	3616.223	3511.229
37.5	4359.254	4201.764	3868.611	3563.726	3460.751
38.0	4306.757	4153.305	3816.114	3513.248	3408.254
38.5	4258.299	4100.808	3763.617	3462.770	3357.777
39.0	4211.859	4050.331	3707.082	3410.274	3307.299
39.5	4159.363	3999.853	3652.566	3359.796	3256.821
40.0	4110.904	3949.375	3600.070	3311.337	3206.344
40.5	4060.426	3898.898	3549.592	3258.840	3155.866
41.0	4005.910	3848.420	3499.114	3210.382	3105.388
41.5	3955.433	3795.923	3446.617	3159.904	3056.930
42.0	3902.936	3743.426	3398.159	3111.446	3006.452
42.5	3850.439	3688.910	3345.662	3060.968	2957.993
43.0	3799.961	3632.375	3299.223	3012.509	2907.516
43.5	3745.445	3581.898	3248.745	2964.051	2857.038
44.0	3688.910	3531.420	3198.267	2915.592	2806.560
44.5	3630.356	3478.923	3149.809	2867.133	2756.082
45.0	3579.879	3428.445	3099.331	2818.675	2703.586
45.5	3529.401	3377.968	3050.872	2770.216	2653.108
46.0	3476.904	3327.490	3000.395	2719.739	2604.649
46.5	3424.407	3277.012	2951.936	2671.280	2554.172
47.0	3371.910	3226.535	2905.496	2620.802	2505.713
47.5	3321.433	3176.057	2857.038	2572.344	2457.255
48.0	3268.936	3125.579	2808.579	2521.866	2408.796
48.5	3218.458	3077.121	2760.121	2473.407	2360.337
49.0	3167.981	3026.643	2713.681	2424.949	2311.879
49.5	3115.484	2976.165	2665.223	2376.490	2265.439
50.0	3067.025	2927.707	2618.783	2330.051	2221.019
50.5	3016.547	2877.229	2572.344	2281.592	2174.579
51.0	2966.070	2828.770	2525.904	2235.153	2128.140
51.5	2915.592	2780.312	2479.465	2188.713	2083.720
52.0	2865.114	2731.853	2433.025	2142.274	2039.299
52.5	2816.656	2683.395	2386.586	2097.853	1994.475
53.0	2766.178	2636.955	2340.146	2051.414	1949.449
53.5	2715.700	2588.497	2293.707	2006.791	1908.663
54.0	2665.223	2540.038	2247.267	1962.169	1864.444
54.5	2616.764	2491.579	2198.809	1918.355	1822.043

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55.0	2566.286	2445.140	2152.369	1873.732	1780.853
55.5	2517.828	2398.700	2105.930	1830.725	1739.664
56.0	2467.350	2352.261	2057.471	1787.516	1698.070
56.5	2418.891	2303.802	2011.839	1745.519	1656.274
57.0	2368.414	2259.382	1966.006	1703.118	1616.296
57.5	2321.974	2212.942	1920.172	1661.726	1575.914
58.0	2273.516	2166.503	1874.540	1620.536	1536.945
58.5	2223.038	2120.063	1829.918	1579.750	1497.371
59.0	2176.598	2073.624	1784.892	1539.570	1458.200
59.5	2128.140	2029.204	1740.269	1499.390	1420.241
60.0	2081.700	1983.572	1696.455	1460.421	1383.089
60.5	2033.242	1939.151	1653.448	1420.846	1345.332
61.0	1986.399	1894.529	1610.441	1381.676	1308.584
61.5	1939.555	1850.109	1567.434	1343.313	1272.846
62.0	1892.914	1805.688	1524.628	1306.565	1236.704
62.5	1847.282	1762.278	1482.227	1269.211	1200.764
63.0	1801.650	1719.069	1440.432	1232.060	1166.035
63.5	1757.028	1676.264	1398.636	1195.514	1132.114
64.0	1710.992	1633.257	1357.648	1159.574	1097.183
64.5	1666.168	1590.855	1316.862	1123.836	1063.464
65.0	1621.950	1548.252	1276.278	1088.703	1030.149
65.5	1577.529	1506.053	1236.098	1053.571	996.834
66.0	1533.916	1464.863	1196.322	1019.448	963.922
66.5	1490.707	1423.269	1157.353	984.921	931.818
67.0	1446.893	1381.676	1117.980	951.202	899.916
67.5	1403.886	1340.688	1079.819	917.887	867.813
68.0	1361.686	1298.892	1041.052	884.773	836.516
68.5	1319.285	1256.895	1003.901	852.467	805.422
69.0	1277.288	1214.090	966.749	819.960	774.732
69.5	1235.492	1172.496	930.001	788.260	744.849
70.0	1193.495	1130.701	893.657	756.964	714.159
70.5	1151.901	1088.905	857.717	725.869	685.083
71.0	1110.509	1047.715	822.181	694.977	655.604
71.5	1070.329	1007.131	787.250	664.892	626.125
72.0	1030.755	966.951	752.925	634.606	597.252
72.5	990.171	927.780	719.004	605.127	568.783
73.0	950.798	888.408	685.689	575.850	541.121
73.5	911.223	849.237	652.980	546.774	513.055
74.0	873.062	811.480	620.674	518.911	486.201
74.5	834.699	773.722	588.974	490.441	459.347
75.0	796.942	736.167	557.274	462.780	432.897
75.5	759.387	699.823	526.583	435.522	407.456
76.0	723.245	663.479	496.499	409.273	382.015
76.5	687.304	628.346	466.616	383.429	357.584
77.0	651.768	592.810	437.541	357.786	334.162
77.5	617.039	558.283	408.869	333.153	310.741
78.0	582.513	524.362	380.602	309.125	287.925
78.5	548.995	491.047	352.536	285.704	265.715
79.0	515.882	458.136	325.480	262.686	243.908
79.5	483.980	425.628	299.232	240.476	222.304
80.0	452.482	393.928	273.791	218.871	201.507
80.5	421.590	362.834	249.158	197.267	180.710
81.0	391.101	332.143	225.736	176.268	160.519
81.5	361.420	302.462	202.718	155.471	139.924
82.0	332.547	273.791	180.912	135.482	119.531
82.5	304.481	245.927	159.510	114.887	97.927

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CANDELA TABULATION - (Cont.)

83.0	277.224	218.871	138.511	93.889	74.707
83.5	250.773	192.623	118.320	70.669	49.872
84.0	225.131	167.788	98.532	47.045	38.565
84.5	200.497	143.962	78.543	35.940	34.123
85.0	176.672	121.348	55.929	31.498	30.287
85.5	153.856	100.148	33.921	27.662	26.652
86.0	131.848	79.957	26.652	23.825	23.018
86.5	110.445	60.977	22.614	20.191	19.383
87.0	90.456	42.401	18.778	16.759	15.951
87.5	71.275	22.412	14.941	13.124	12.720
88.0	53.304	14.134	11.509	9.894	9.288
88.5	36.748	10.499	8.076	6.865	6.461
89.0	22.412	6.865	4.846	4.038	3.836
89.5	10.096	3.634	2.423	2.019	1.615
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-L16-850-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 : LRX2X-8-L16-850-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 : LRX2X-8-L16-850-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2277.87	N.A.	16.70
0-30	4637.15	N.A.	34.10
0-40	7225.67	N.A.	53.10
0-60	11568.92	N.A.	85.00
0-80	13503.01	N.A.	99.20
0-90	13618.17	N.A.	100.00
10-90	13011.74	N.A.	95.50
20-40	4947.8	N.A.	36.30
20-50	7356.6	N.A.	54.00
40-70	5643.56	N.A.	41.40
60-80	1934.08	N.A.	14.20
70-80	633.77	N.A.	4.70
80-90	115.17	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	13618.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	606.43
10-20	1671.44
20-30	2359.28
30-40	2588.52
40-50	2408.8
50-60	1934.46
60-70	1300.31
70-80	633.77
80-90	115.17
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-L16-850-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	99	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-L16-850-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	23.3	24.8	23.7	25.2	25.5	21.2	22.7	21.5	23.0	23.3
	3H	24.9	26.3	25.3	26.6	27.0	22.4	23.8	22.8	24.1	24.5
	4H	25.5	26.8	25.9	27.1	27.5	22.8	24.1	23.2	24.5	24.8
	6H	25.8	27.0	26.2	27.4	27.8	23.0	24.2	23.4	24.6	24.9
	8H	25.9	27.1	26.4	27.5	27.9	23.0	24.1	23.4	24.5	24.9
	12H	26.0	27.1	26.4	27.5	27.9	23.0	24.1	23.4	24.5	24.9

UGR Viewed Endwise

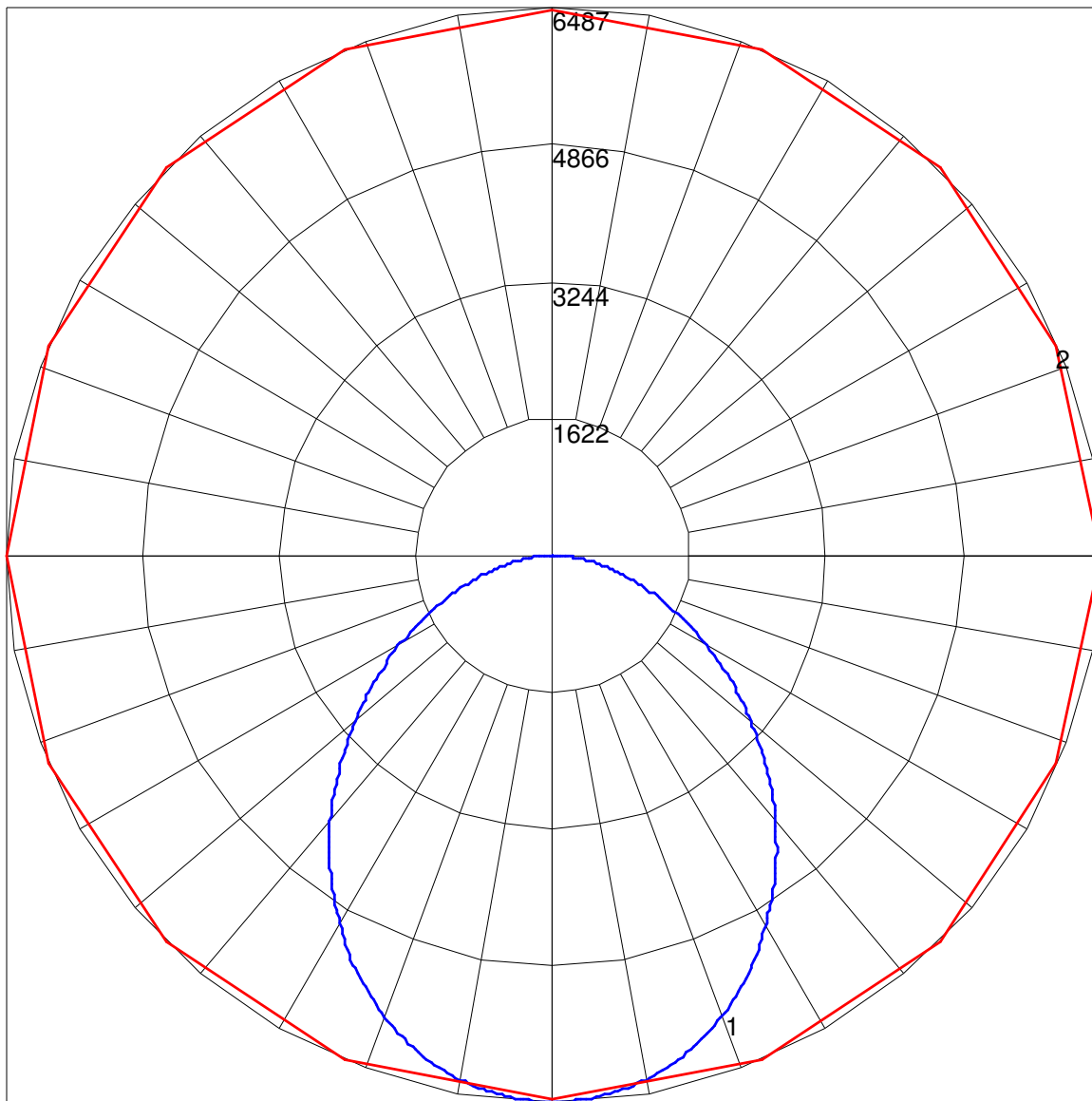
4H	2H	23.6	24.9	24.0	25.3	25.6	21.9	23.2	22.3	23.5	23.9
	3H	25.4	26.5	25.9	26.9	27.3	23.3	24.4	23.7	24.8	25.2
	4H	26.1	27.1	26.6	27.5	27.9	23.8	24.7	24.2	25.2	25.6
	6H	26.6	27.5	27.1	27.9	28.4	24.0	24.9	24.5	25.3	25.8
	8H	26.7	27.5	27.2	28.0	28.4	24.0	24.8	24.5	25.3	25.7
	12H	26.8	27.5	27.3	28.0	28.5	24.0	24.7	24.5	25.2	25.7

8H	4H	26.2	27.0	26.7	27.4	27.9	24.1	24.9	24.5	25.3	25.8
	6H	26.8	27.4	27.3	27.9	28.4	24.4	25.0	24.9	25.5	26.0
	8H	27.0	27.5	27.5	28.1	28.5	24.4	25.0	24.9	25.5	26.0
	12H	27.1	27.6	27.6	28.1	28.7	24.4	24.9	24.9	25.4	26.0

12H	4H	26.2	26.9	26.7	27.4	27.8	24.1	24.8	24.6	25.3	25.7
	6H	26.8	27.4	27.3	27.8	28.4	24.4	25.0	25.0	25.5	26.0
	8H	27.0	27.5	27.5	28.0	28.5	24.5	25.0	25.0	25.5	26.0

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 6487.394 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.)