

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-8-L12-827-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-L12-827-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	9351
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	79.2
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	11404	10111	8951
55	9983	8628	7329
65	8494	7097	5896
75	6820	5330	4341
85	4416	2737	2095

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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	4331.317	4331.317	4331.317	4331.317	4331.317
0.5	4352.491	4321.906	4332.494	4328.964	4326.612
1.0	4351.315	4320.730	4331.317	4327.788	4325.435
1.5	4350.139	4318.377	4330.141	4325.435	4323.083
2.0	4347.786	4317.201	4326.612	4320.730	4321.906
2.5	4346.610	4314.848	4324.259	4318.377	4317.201
3.0	4343.081	4311.319	4320.730	4312.496	4311.319
3.5	4340.728	4307.790	4316.025	4307.790	4305.438
4.0	4334.846	4303.085	4311.319	4301.908	4298.379
4.5	4332.494	4298.379	4305.438	4294.850	4290.145
5.0	4326.612	4293.674	4298.379	4287.792	4283.087
5.5	4324.259	4286.616	4291.321	4278.381	4272.500
6.0	4313.672	4280.734	4283.087	4268.971	4263.089
6.5	4307.790	4274.852	4273.676	4258.384	4251.325
7.0	4300.732	4266.618	4265.442	4247.796	4240.738
7.5	4293.674	4258.384	4254.854	4236.033	4227.798
8.0	4285.440	4248.973	4245.444	4223.093	4213.682
8.5	4277.205	4240.738	4234.857	4208.977	4199.566
9.0	4267.794	4231.328	4221.917	4194.861	4185.450
9.5	4257.207	4219.564	4210.153	4179.568	4168.981
10.0	4248.973	4208.977	4196.037	4165.452	4153.688
10.5	4236.033	4197.213	4183.097	4150.159	4137.220
11.0	4224.269	4185.450	4167.805	4132.514	4120.751
11.5	4212.506	4172.510	4152.512	4114.869	4100.753
12.0	4199.566	4159.570	4137.220	4096.047	4081.931
12.5	4184.274	4144.278	4120.751	4077.226	4060.757
13.0	4171.334	4130.161	4103.105	4057.228	4040.759
13.5	4158.394	4114.869	4085.460	4037.230	4020.761
14.0	4141.925	4099.576	4067.815	4014.879	3997.234
14.5	4127.809	4081.931	4047.817	3993.705	3974.883
15.0	4111.340	4065.462	4027.819	3971.354	3951.356
15.5	4094.871	4047.817	4007.821	3947.827	3927.829
16.0	4077.226	4030.172	3986.647	3924.300	3901.950
16.5	4060.757	4012.527	3965.473	3899.597	3877.246
17.0	4041.935	3992.529	3943.122	3874.894	3850.190
17.5	4024.290	3972.531	3921.948	3849.014	3823.134
18.0	4004.292	3953.709	3898.421	3823.134	3796.078
18.5	3986.647	3932.535	3874.894	3796.078	3766.670
19.0	3965.473	3911.361	3850.190	3767.846	3737.261
19.5	3945.475	3890.186	3825.487	3740.790	3707.852
20.0	3924.300	3867.836	3799.607	3712.558	3678.443
20.5	3903.126	3845.485	3773.728	3683.149	3647.858
21.0	3880.775	3823.134	3747.848	3653.740	3616.097
21.5	3859.601	3798.431	3720.792	3623.155	3585.512
22.0	3836.074	3774.904	3692.560	3592.570	3554.927
22.5	3812.547	3750.201	3664.327	3561.985	3521.989
23.0	3790.197	3726.674	3637.271	3529.047	3489.051
23.5	3766.670	3700.794	3607.863	3497.286	3456.113
24.0	3741.966	3674.914	3578.454	3465.524	3421.999
24.5	3717.263	3649.035	3547.869	3432.587	3389.062
25.0	3691.383	3623.155	3518.460	3399.649	3354.947
25.5	3664.327	3594.923	3487.875	3365.535	3318.481
26.0	3638.448	3567.867	3454.937	3331.420	3283.190
26.5	3612.568	3539.634	3424.352	3297.306	3246.723

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CANDELA TABULATION - (Cont.)

27.0	3584.336	3511.402	3391.414	3262.016	3211.433
27.5	3554.927	3481.993	3359.653	3226.725	3176.142
28.0	3527.871	3453.761	3326.715	3190.259	3138.499
28.5	3499.638	3424.352	3294.954	3154.968	3102.032
29.0	3471.406	3394.943	3262.016	3118.501	3066.742
29.5	3438.468	3364.358	3227.902	3082.034	3029.099
30.0	3406.707	3332.597	3193.788	3045.568	2992.632
30.5	3377.298	3302.012	3160.850	3010.277	2954.989
31.0	3346.713	3271.427	3126.736	2973.810	2917.346
31.5	3317.304	3239.665	3092.622	2936.167	2879.702
32.0	3284.367	3207.904	3057.331	2899.700	2843.236
32.5	3253.781	3174.966	3023.217	2862.057	2804.416
33.0	3222.020	3143.205	2986.750	2825.590	2767.949
33.5	3190.259	3110.267	2953.812	2787.947	2727.953
34.0	3159.674	3077.329	2917.346	2751.480	2691.487
34.5	3127.912	3045.568	2882.055	2715.014	2655.020
35.0	3096.151	3011.454	2845.588	2677.370	2617.377
35.5	3063.213	2977.339	2810.298	2642.080	2578.557
36.0	3032.628	2944.402	2775.007	2604.437	2543.267
36.5	2999.690	2910.288	2738.541	2567.970	2505.623
37.0	2965.576	2876.173	2704.426	2531.503	2470.333
37.5	2932.638	2842.059	2669.136	2493.860	2432.690
38.0	2899.700	2806.769	2632.669	2457.393	2395.047
38.5	2865.586	2773.831	2597.379	2420.926	2358.580
39.0	2830.296	2738.541	2562.088	2384.460	2322.113
39.5	2797.358	2704.426	2525.621	2347.993	2285.646
40.0	2763.244	2669.136	2490.331	2313.879	2250.356
40.5	2726.777	2635.022	2453.864	2277.412	2212.713
41.0	2692.663	2599.731	2418.574	2240.945	2173.893
41.5	2658.549	2565.617	2383.283	2204.478	2137.426
42.0	2622.082	2530.327	2347.993	2166.835	2099.783
42.5	2584.439	2493.860	2312.702	2131.544	2063.316
43.0	2549.148	2458.570	2277.412	2092.725	2026.849
43.5	2515.034	2424.455	2242.121	2056.258	1992.735
44.0	2477.391	2389.165	2206.831	2022.144	1957.445
44.5	2442.101	2353.874	2168.011	1986.854	1922.154
45.0	2405.634	2319.760	2132.721	1952.739	1888.040
45.5	2369.167	2283.293	2096.254	1918.625	1852.750
46.0	2333.877	2249.179	2062.140	1884.511	1818.636
46.5	2298.586	2213.889	2028.026	1851.573	1785.698
47.0	2262.119	2178.598	1993.912	1817.459	1751.584
47.5	2225.652	2140.955	1960.974	1784.521	1718.646
48.0	2190.362	2104.488	1928.036	1751.584	1684.532
48.5	2153.895	2070.374	1893.922	1718.646	1651.594
49.0	2115.076	2035.084	1860.984	1685.708	1619.833
49.5	2080.961	2002.146	1829.223	1652.770	1588.071
50.0	2045.671	1968.032	1796.285	1621.009	1556.310
50.5	2012.733	1933.918	1763.347	1589.248	1524.548
51.0	1977.443	1900.980	1730.409	1556.310	1492.787
51.5	1943.329	1866.866	1698.648	1525.725	1462.202
52.0	1910.391	1832.752	1665.710	1493.963	1431.617
52.5	1876.277	1799.814	1633.949	1463.378	1402.208
53.0	1842.163	1766.876	1602.187	1432.793	1372.799
53.5	1808.048	1733.938	1571.602	1402.208	1342.214
54.0	1775.111	1701.001	1538.665	1372.799	1312.806
54.5	1740.997	1669.239	1508.079	1342.214	1283.397

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55.0	1708.059	1636.302	1476.318	1313.982	1253.988
55.5	1673.945	1604.540	1445.733	1283.397	1225.756
56.0	1639.831	1571.602	1415.148	1255.164	1197.523
56.5	1606.893	1539.841	1384.563	1226.932	1171.055
57.0	1572.779	1508.079	1352.801	1198.700	1143.176
57.5	1539.841	1477.494	1323.393	1170.467	1116.002
58.0	1506.903	1445.733	1292.808	1142.705	1089.299
58.5	1473.965	1413.972	1262.223	1115.297	1062.596
59.0	1441.028	1383.386	1232.814	1088.358	1036.128
59.5	1408.090	1352.801	1203.405	1061.420	1010.366
60.0	1376.328	1322.216	1173.761	1034.364	984.722
60.5	1344.567	1291.631	1145.058	1008.013	959.077
61.0	1312.806	1262.223	1115.767	981.899	933.904
61.5	1282.220	1231.637	1087.299	955.548	909.083
62.0	1250.459	1201.052	1058.597	930.374	885.085
62.5	1219.874	1171.997	1030.835	905.083	860.617
63.0	1189.289	1142.941	1003.190	879.909	836.619
63.5	1159.292	1113.885	975.546	854.500	812.387
64.0	1130.119	1085.064	948.608	830.032	789.095
64.5	1100.004	1056.244	921.434	805.681	765.921
65.0	1070.831	1028.011	894.731	781.331	743.335
65.5	1041.892	999.426	867.793	757.451	720.279
66.0	1013.072	971.076	841.795	734.159	697.693
66.5	984.487	943.079	815.680	710.515	674.871
67.0	955.548	915.317	789.918	687.105	652.991
67.5	926.610	887.555	764.509	664.520	631.111
68.0	898.848	860.264	738.865	641.816	608.996
68.5	870.498	833.208	713.809	619.465	587.704
69.0	842.384	806.152	688.988	597.232	566.530
69.5	815.092	779.214	664.755	575.235	545.944
70.0	787.448	752.393	640.052	553.707	525.122
70.5	760.157	726.043	615.819	532.298	505.007
71.0	732.865	699.928	592.292	511.477	484.656
71.5	706.162	673.577	568.765	490.773	465.011
72.0	679.577	647.933	545.473	470.187	445.366
72.5	653.109	622.524	522.299	450.071	426.309
73.0	627.347	597.468	499.595	429.838	407.605
73.5	601.585	572.059	477.245	410.546	388.901
74.0	576.293	547.120	455.129	391.136	370.315
74.5	551.237	522.652	433.249	372.314	352.669
75.0	526.534	498.537	411.487	353.375	335.142
75.5	502.301	474.892	390.430	335.377	317.732
76.0	478.656	451.483	369.844	317.379	300.910
76.5	454.894	428.073	349.258	300.087	284.441
77.0	432.426	405.252	329.495	282.794	268.090
77.5	409.605	382.784	309.850	266.090	252.092
78.0	386.901	360.669	290.441	249.739	236.917
78.5	364.433	338.789	271.854	233.858	221.507
79.0	343.023	317.732	253.621	218.213	206.685
79.5	321.967	296.322	235.858	202.567	192.215
80.0	301.028	275.854	218.213	187.863	178.217
80.5	280.206	255.503	201.038	173.276	164.336
81.0	260.091	235.740	184.569	159.395	151.161
81.5	240.210	216.566	168.453	145.632	138.103
82.0	221.036	197.156	153.161	132.222	125.164
82.5	202.332	178.805	138.103	119.164	112.812

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CANDELA TABULATION - (Cont.)

83.0	183.863	160.689	123.517	106.460	100.225
83.5	165.630	143.397	109.753	93.990	88.226
84.0	148.220	126.458	96.343	81.756	76.580
84.5	131.045	110.459	83.521	70.110	65.405
85.0	114.812	95.049	71.169	59.170	54.465
85.5	99.049	80.227	59.406	47.995	42.701
86.0	84.227	66.111	48.818	36.467	29.762
86.5	69.522	53.406	38.584	23.056	18.351
87.0	55.994	41.407	27.527	14.587	13.057
87.5	43.407	30.820	15.881	11.175	10.234
88.0	31.761	21.057	9.999	8.587	7.999
88.5	21.880	11.763	7.411	6.235	5.529
89.0	13.763	5.882	4.941	4.000	3.529
89.5	6.823	3.176	2.706	2.000	1.765
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-L12-827-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 : LRX4X-8-L12-827-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 : LRX4X-8-L12-827-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1538.52	N.A.	16.50
0-30	3153.7	N.A.	33.70
0-40	4932.91	N.A.	52.80
0-60	7905.2	N.A.	84.50
0-80	9253.96	N.A.	99.00
0-90	9350.8	N.A.	100.00
10-90	8944.03	N.A.	95.60
20-40	3394.39	N.A.	36.30
20-50	5044.32	N.A.	53.90
40-70	3868.53	N.A.	41.40
60-80	1348.76	N.A.	14.40
70-80	452.52	N.A.	4.80
80-90	96.84	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	9350.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	406.78
10-20	1131.75
20-30	1615.17
30-40	1779.22
40-50	1649.93
50-60	1322.36
60-70	896.24
70-80	452.52
80-90	96.84
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-L12-827-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	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	51	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-L12-827-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

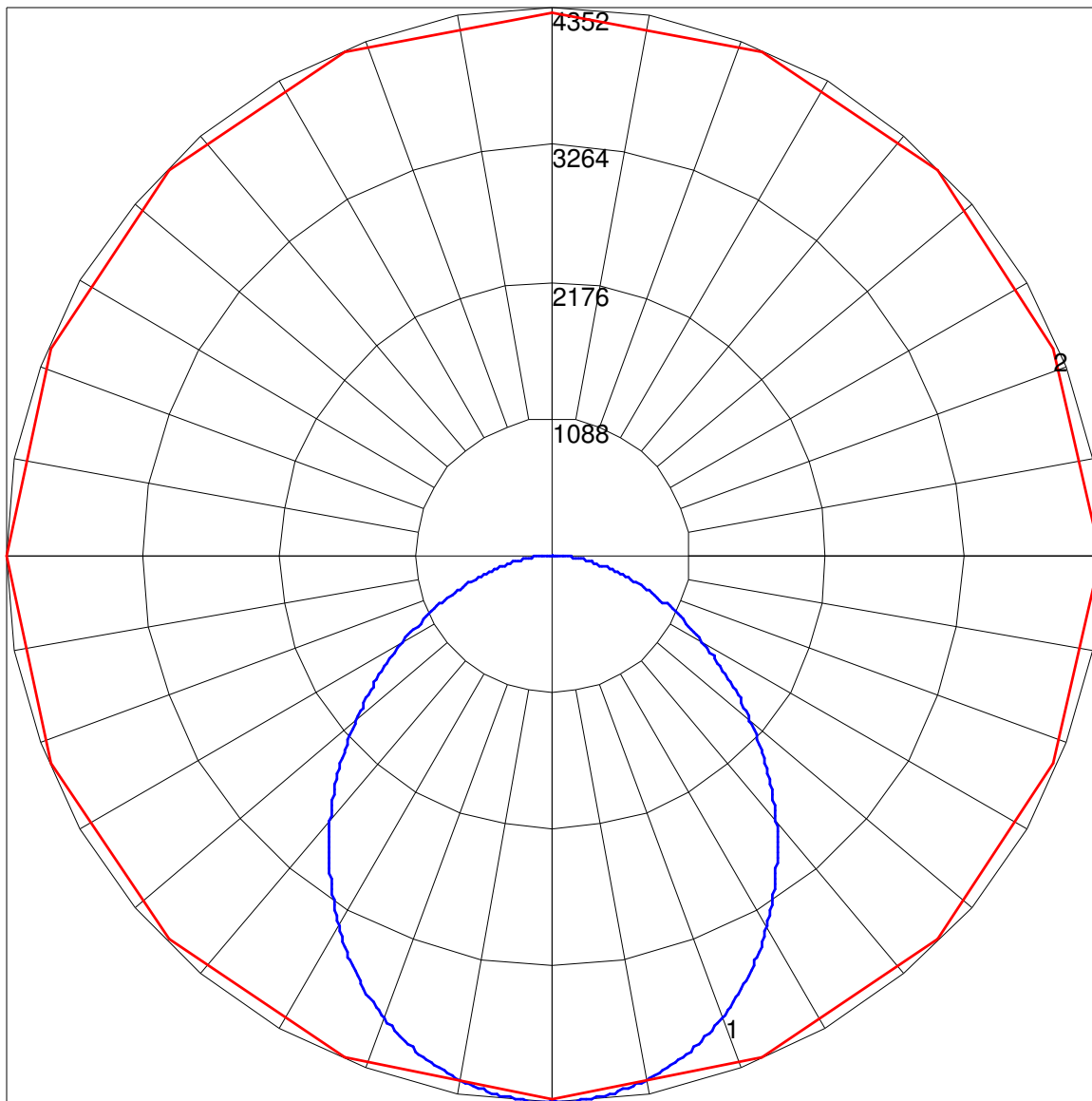
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	19.9	21.5	20.3	21.8	22.1	18.2	19.7	18.6	20.0	20.4
	3H	21.5	22.9	21.9	23.2	23.6	19.5	20.9	19.9	21.2	21.6
	4H	22.1	23.4	22.5	23.7	24.1	20.0	21.3	20.4	21.6	22.0
	6H	22.4	23.6	22.8	24.0	24.4	20.2	21.4	20.6	21.8	22.2
	8H	22.5	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
	12H	22.6	23.7	23.0	24.1	24.5	20.3	21.4	20.7	21.8	22.2
4H	2H	20.3	21.6	20.7	21.9	22.3	18.9	20.2	19.3	20.5	20.9
	3H	22.1	23.2	22.5	23.6	24.0	20.4	21.5	20.8	21.9	22.3
	4H	22.8	23.7	23.2	24.2	24.6	20.9	21.9	21.3	22.3	22.7
	6H	23.3	24.1	23.7	24.6	25.0	21.3	22.1	21.7	22.6	23.0
	8H	23.4	24.2	23.9	24.7	25.1	21.3	22.1	21.8	22.6	23.0
	12H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.0
8H	4H	22.9	23.7	23.4	24.1	24.6	21.2	22.0	21.7	22.5	22.9
	6H	23.5	24.1	24.0	24.6	25.1	21.6	22.3	22.1	22.8	23.3
	8H	23.7	24.3	24.2	24.8	25.3	21.8	22.4	22.3	22.9	23.4
	12H	23.8	24.3	24.3	24.8	25.4	21.8	22.4	22.3	22.8	23.4
12H	4H	22.9	23.6	23.4	24.1	24.5	21.3	22.0	21.7	22.4	22.9
	6H	23.5	24.1	24.0	24.5	25.1	21.7	22.3	22.2	22.8	23.3
	8H	23.7	24.2	24.2	24.7	25.3	21.9	22.4	22.4	22.9	23.4

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 4352.491 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.)