

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-927-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-2-L12-927-DMA-DIM-UNV_

[LUMINAIRE] Nominal 4" x 2' 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	1928
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	19.8
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)	2.00 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	9406	8339	7382
55	8233	7116	6044
65	7005	5853	4863
75	5624	4396	3580
85	3642	2258	1728

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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	893.055	893.055	893.055	893.055	893.055
0.5	897.421	891.115	893.298	892.570	892.085
1.0	897.178	890.872	893.055	892.327	891.842
1.5	896.936	890.387	892.813	891.842	891.357
2.0	896.451	890.145	892.085	890.872	891.115
2.5	896.208	889.659	891.600	890.387	890.145
3.0	895.481	888.932	890.872	889.174	888.932
3.5	894.995	888.204	889.902	888.204	887.719
4.0	893.783	887.234	888.932	886.991	886.264
4.5	893.298	886.264	887.719	885.536	884.566
5.0	892.085	885.294	886.264	884.081	883.111
5.5	891.600	883.838	884.809	882.141	880.928
6.0	889.417	882.626	883.111	880.200	878.987
6.5	888.204	881.413	881.170	878.017	876.562
7.0	886.749	879.715	879.473	875.834	874.379
7.5	885.294	878.017	877.290	873.409	871.711
8.0	883.596	876.077	875.349	870.741	868.800
8.5	881.898	874.379	873.166	867.830	865.890
9.0	879.958	872.439	870.498	864.920	862.979
9.5	877.775	870.013	868.073	861.767	859.584
10.0	876.077	867.830	865.162	858.856	856.431
10.5	873.409	865.405	862.494	855.703	853.035
11.0	870.983	862.979	859.341	852.065	849.639
11.5	868.558	860.311	856.188	848.427	845.516
12.0	865.890	857.643	853.035	844.546	841.635
12.5	862.737	854.490	849.639	840.665	837.269
13.0	860.069	851.580	846.001	836.542	833.146
13.5	857.401	848.427	842.363	832.419	829.023
14.0	854.005	845.274	838.725	827.810	824.172
14.5	851.095	841.635	834.601	823.444	819.564
15.0	847.699	838.240	830.478	818.836	814.713
15.5	844.303	834.601	826.355	813.985	809.862
16.0	840.665	830.963	821.989	809.134	804.526
16.5	837.269	827.325	817.623	804.041	799.432
17.0	833.389	823.202	813.015	798.947	793.854
17.5	829.751	819.079	808.649	793.611	788.275
18.0	825.627	815.198	803.798	788.275	782.697
18.5	821.989	810.832	798.947	782.697	776.633
19.0	817.623	806.466	793.854	776.875	770.569
19.5	813.500	802.100	788.760	771.297	764.506
20.0	809.134	797.492	783.424	765.476	758.442
20.5	804.768	792.884	778.088	759.412	752.136
21.0	800.160	788.275	772.752	753.348	745.587
21.5	795.794	783.182	767.174	747.042	739.281
22.0	790.943	778.331	761.353	740.736	732.975
22.5	786.092	773.237	755.531	734.430	726.183
23.0	781.484	768.386	749.953	727.639	719.392
23.5	776.633	763.050	743.889	721.090	712.601
24.0	771.539	757.714	737.826	714.541	705.567
24.5	766.446	752.378	731.519	707.750	698.776
25.0	761.110	747.042	725.456	700.959	691.742
25.5	755.531	741.221	719.149	693.925	684.223
26.0	750.195	735.643	712.358	686.891	676.946
26.5	744.859	729.822	706.052	679.857	669.428

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CANDELA TABULATION - (Cont.)

27.0	739.038	724.000	699.261	672.581	662.151
27.5	732.975	717.937	692.712	665.304	654.875
28.0	727.396	712.116	685.921	657.785	647.113
28.5	721.575	706.052	679.372	650.509	639.594
29.0	715.754	699.988	672.581	642.990	632.318
29.5	708.963	693.682	665.547	635.471	624.556
30.0	702.414	687.133	658.513	627.952	617.038
30.5	696.350	680.827	651.722	620.676	609.276
31.0	690.044	674.521	644.688	613.157	601.515
31.5	683.980	667.972	637.654	605.395	593.753
32.0	677.189	661.423	630.378	597.876	586.234
32.5	670.883	654.632	623.344	590.115	578.230
33.0	664.334	648.083	615.825	582.596	570.711
33.5	657.785	641.292	609.034	574.834	562.465
34.0	651.479	634.501	601.515	567.316	554.946
34.5	644.930	627.952	594.238	559.797	547.427
35.0	638.382	620.918	586.719	552.035	539.665
35.5	631.590	613.884	579.443	544.759	531.661
36.0	625.284	607.093	572.166	536.997	524.385
36.5	618.493	600.059	564.648	529.478	516.623
37.0	611.459	593.025	557.614	521.959	509.347
37.5	604.668	585.992	550.337	514.198	501.586
38.0	597.876	578.715	542.818	506.679	493.824
38.5	590.843	571.924	535.542	499.160	486.305
39.0	583.566	564.648	528.266	491.641	478.786
39.5	576.775	557.614	520.747	484.122	471.267
40.0	569.741	550.337	513.470	477.088	463.991
40.5	562.222	543.303	505.951	469.569	456.229
41.0	555.188	536.027	498.675	462.051	448.225
41.5	548.154	528.993	491.399	454.532	440.706
42.0	540.635	521.717	484.122	446.770	432.945
42.5	532.874	514.198	476.846	439.494	425.426
43.0	525.598	506.922	469.569	431.490	417.907
43.5	518.564	499.888	462.293	423.971	410.873
44.0	510.802	492.611	455.017	416.937	403.597
44.5	503.526	485.335	447.013	409.661	396.320
45.0	496.007	478.301	439.736	402.627	389.287
45.5	488.488	470.782	432.217	395.593	382.010
46.0	481.212	463.748	425.183	388.559	374.976
46.5	473.935	456.472	418.150	381.768	368.185
47.0	466.416	449.196	411.116	374.734	361.151
47.5	458.897	441.434	404.325	367.943	354.360
48.0	451.621	433.915	397.533	361.151	347.326
48.5	444.102	426.881	390.499	354.360	340.535
49.0	436.098	419.605	383.708	347.569	333.986
49.5	429.064	412.814	377.159	340.777	327.437
50.0	421.788	405.780	370.368	334.229	320.889
50.5	414.997	398.746	363.577	327.680	314.340
51.0	407.720	391.955	356.785	320.889	307.791
51.5	400.686	384.921	350.237	314.582	301.485
52.0	393.895	377.887	343.445	308.034	295.179
52.5	386.861	371.096	336.897	301.727	289.115
53.0	379.827	364.304	330.348	295.421	283.051
53.5	372.794	357.513	324.042	289.115	276.745
54.0	366.002	350.722	317.250	283.051	270.682
54.5	358.968	344.173	310.944	276.745	264.618

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CANDELA TABULATION - (Cont.)

55.0	352.177	337.382	304.395	270.924	258.554
55.5	345.143	330.833	298.089	264.618	252.733
56.0	338.109	324.042	291.783	258.797	246.912
56.5	331.318	317.493	285.477	252.976	241.455
57.0	324.284	310.944	278.928	247.155	235.706
57.5	317.493	304.638	272.864	241.333	230.104
58.0	310.702	298.089	266.558	235.609	224.598
58.5	303.910	291.541	260.252	229.958	219.092
59.0	297.119	285.234	254.188	224.404	213.635
59.5	290.328	278.928	248.125	218.849	208.323
60.0	283.779	272.622	242.013	213.271	203.035
60.5	277.230	266.316	236.094	207.838	197.748
61.0	270.682	260.252	230.055	202.453	192.557
61.5	264.375	253.946	224.185	197.020	187.440
62.0	257.827	247.640	218.267	191.830	182.492
62.5	251.520	241.649	212.543	186.615	177.447
63.0	245.214	235.658	206.843	181.425	172.499
63.5	239.029	229.667	201.144	176.186	167.502
64.0	233.014	223.725	195.589	171.141	162.700
64.5	226.805	217.782	189.986	166.120	157.922
65.0	220.790	211.961	184.481	161.099	153.265
65.5	214.823	206.067	178.926	156.175	148.511
66.0	208.881	200.222	173.566	151.373	143.854
66.5	202.987	194.449	168.182	146.498	139.149
67.0	197.020	188.725	162.870	141.671	134.637
67.5	191.054	183.001	157.631	137.014	130.126
68.0	185.330	177.374	152.343	132.333	125.566
68.5	179.484	171.795	147.177	127.725	121.176
69.0	173.687	166.217	142.059	123.141	116.810
69.5	168.060	160.663	137.063	118.605	112.566
70.0	162.360	155.133	131.969	114.166	108.273
70.5	156.733	149.700	126.973	109.752	104.125
71.0	151.106	144.315	122.122	105.459	99.929
71.5	145.600	138.882	117.271	101.190	95.879
72.0	140.119	133.594	112.469	96.946	91.828
72.5	134.662	128.355	107.691	92.798	87.899
73.0	129.350	123.189	103.009	88.626	84.042
73.5	124.038	117.950	98.401	84.649	80.186
74.0	118.823	112.808	93.841	80.647	76.354
74.5	113.657	107.763	89.330	76.766	72.715
75.0	108.564	102.791	84.843	72.861	69.101
75.5	103.567	97.916	80.501	69.150	65.512
76.0	98.692	93.089	76.257	65.439	62.043
76.5	93.793	88.263	72.012	61.874	58.648
77.0	89.160	83.557	67.937	58.308	55.276
77.5	84.455	78.925	63.887	54.864	51.978
78.0	79.773	74.365	59.885	51.493	48.849
78.5	75.141	69.853	56.052	48.218	45.671
79.0	70.726	65.512	52.293	44.992	42.615
79.5	66.385	61.097	48.631	41.766	39.632
80.0	62.068	56.877	44.992	38.735	36.746
80.5	57.775	52.681	41.451	35.727	33.884
81.0	53.627	48.606	38.055	32.865	31.167
81.5	49.528	44.653	34.733	30.027	28.475
82.0	45.574	40.651	31.580	27.262	25.807
82.5	41.718	36.867	28.475	24.570	23.260

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CANDELA TABULATION - (Cont.)

83.0	37.910	33.132	25.467	21.950	20.665
83.5	34.151	29.566	22.630	19.379	18.191
84.0	30.561	26.074	19.865	16.857	15.790
84.5	27.020	22.775	17.221	14.456	13.486
85.0	23.673	19.598	14.674	12.200	11.230
85.5	20.422	16.542	12.249	9.896	8.804
86.0	17.366	13.631	10.066	7.519	6.136
86.5	14.334	11.012	7.956	4.754	3.784
87.0	11.545	8.538	5.676	3.008	2.692
87.5	8.950	6.355	3.274	2.304	2.110
88.0	6.549	4.342	2.062	1.771	1.649
88.5	4.511	2.425	1.528	1.285	1.140
89.0	2.838	1.213	1.019	0.825	0.728
89.5	1.407	0.655	0.558	0.412	0.364
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

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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
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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-2-L12-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	317.22	N.A.	16.50
0-30	650.25	N.A.	33.70
0-40	1017.1	N.A.	52.80
0-60	1629.94	N.A.	84.50
0-80	1908.03	N.A.	99.00
0-90	1928.00	N.A.	100.00
10-90	1844.13	N.A.	95.60
20-40	699.88	N.A.	36.30
20-50	1040.07	N.A.	53.90
40-70	797.64	N.A.	41.40
60-80	278.09	N.A.	14.40
70-80	93.30	N.A.	4.80
80-90	19.97	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	1928.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	83.87
10-20	233.35
20-30	333.03
30-40	366.85
40-50	340.19
50-60	272.65
60-70	184.79
70-80	93.30
80-90	19.97
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-2-L12-927-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-2-L12-927-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	19.2	20.8	19.6	21.1	21.4	17.5	19.0	17.9	19.4	19.7
	3H	20.8	22.2	21.2	22.5	22.9	18.8	20.2	19.2	20.6	20.9
	4H	21.4	22.7	21.8	23.0	23.4	19.3	20.6	19.7	20.9	21.3
	6H	21.8	22.9	22.2	23.3	23.7	19.5	20.7	19.9	21.1	21.5
	8H	21.8	23.0	22.3	23.4	23.8	19.6	20.7	20.0	21.1	21.5
	12H	21.9	23.0	22.3	23.4	23.8	19.6	20.7	20.0	21.1	21.5

UGR Viewed Endwise

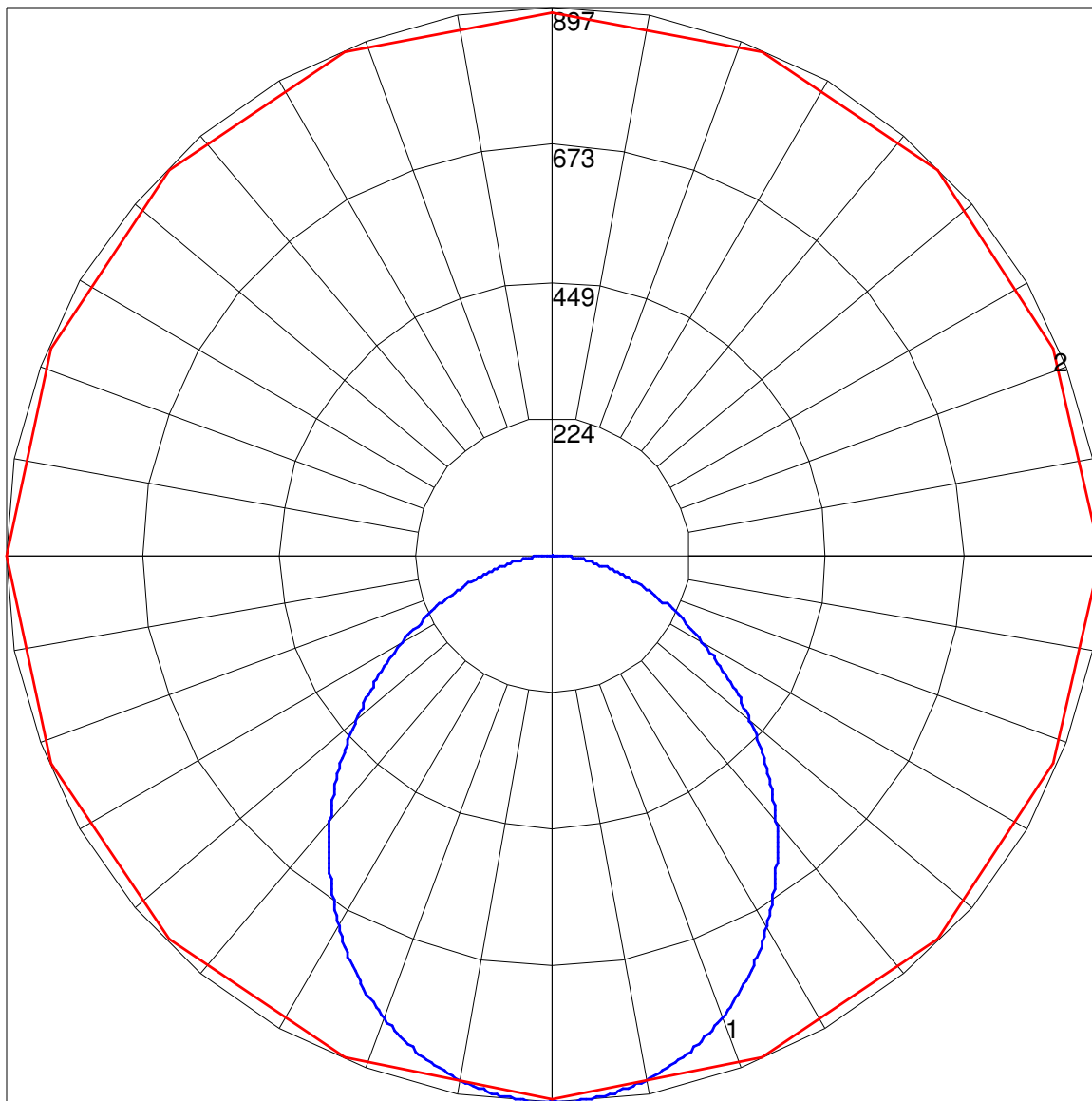
4H	2H	19.6	20.9	20.0	21.3	21.6	18.2	19.5	18.6	19.8	20.2
	3H	21.4	22.5	21.8	22.9	23.3	19.7	20.8	20.1	21.2	21.6
	4H	22.1	23.1	22.5	23.5	23.9	20.2	21.2	20.7	21.6	22.1
	6H	22.6	23.4	23.0	23.9	24.3	20.6	21.4	21.0	21.9	22.3
	8H	22.7	23.5	23.2	24.0	24.4	20.7	21.5	21.1	21.9	22.4
	12H	22.8	23.5	23.3	24.0	24.5	20.7	21.4	21.2	21.9	22.4

8H	4H	22.2	23.0	22.7	23.4	23.9	20.5	21.3	21.0	21.8	22.2
	6H	22.8	23.5	23.3	23.9	24.4	21.0	21.6	21.5	22.1	22.6
	8H	23.0	23.6	23.5	24.1	24.6	21.1	21.7	21.6	22.2	22.7
	12H	23.1	23.7	23.7	24.2	24.7	21.2	21.7	21.7	22.2	22.7

12H	4H	22.2	22.9	22.7	23.4	23.9	20.6	21.3	21.1	21.8	22.2
	6H	22.8	23.4	23.3	23.9	24.4	21.0	21.6	21.5	22.1	22.6
	8H	23.0	23.6	23.5	24.0	24.6	21.2	21.7	21.7	22.2	22.7

Maximum UGR = 24.7

POLAR GRAPH



Maximum Candela = 897.421 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.)