

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-840-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-L8-840-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	1687
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	13
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	8231	7297	6460
55	7204	6227	5289
65	6130	5122	4255
75	4922	3846	3133
85	3187	1976	1512

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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	781.488	781.488	781.488	781.488	781.488
0.5	785.309	779.790	781.701	781.064	780.639
1.0	785.096	779.578	781.488	780.852	780.427
1.5	784.884	779.154	781.276	780.427	780.003
2.0	784.460	778.941	780.639	779.578	779.790
2.5	784.247	778.517	780.215	779.154	778.941
3.0	783.611	777.880	779.578	778.092	777.880
3.5	783.186	777.243	778.729	777.243	776.819
4.0	782.125	776.394	777.880	776.182	775.545
4.5	781.701	775.545	776.819	774.909	774.060
5.0	780.639	774.696	775.545	773.635	772.786
5.5	780.215	773.423	774.272	771.937	770.876
6.0	778.305	772.362	772.786	770.239	769.178
6.5	777.243	771.301	771.088	768.329	767.056
7.0	775.970	769.815	769.603	766.419	765.145
7.5	774.696	768.329	767.692	764.296	762.811
8.0	773.211	766.631	765.994	761.962	760.264
8.5	771.725	765.145	764.084	759.415	757.717
9.0	770.027	763.447	761.749	756.868	755.170
9.5	768.117	761.325	759.627	754.109	752.198
10.0	766.631	759.415	757.080	751.562	749.439
10.5	764.296	757.292	754.745	748.802	746.468
11.0	762.174	755.170	751.986	745.619	743.496
11.5	760.051	752.835	749.227	742.435	739.888
12.0	757.717	750.500	746.468	739.039	736.492
12.5	754.958	747.741	743.496	735.643	732.672
13.0	752.623	745.194	740.313	732.035	729.064
13.5	750.288	742.435	737.129	728.427	725.455
14.0	747.317	739.676	733.945	724.394	721.211
14.5	744.770	736.492	730.337	720.574	717.178
15.0	741.798	733.521	726.729	716.541	712.933
15.5	738.827	730.337	723.121	712.296	708.688
16.0	735.643	727.153	719.300	708.051	704.019
16.5	732.672	723.970	715.480	703.594	699.561
17.0	729.276	720.362	711.447	699.137	694.680
17.5	726.092	716.753	707.627	694.468	689.798
18.0	722.484	713.357	703.382	689.798	684.917
18.5	719.300	709.537	699.137	684.917	679.610
19.0	715.480	705.717	694.680	679.823	674.304
19.5	711.872	701.896	690.223	674.941	668.998
20.0	708.051	697.864	685.553	669.847	663.692
20.5	704.231	693.831	680.884	664.541	658.174
21.0	700.198	689.798	676.214	659.235	652.443
21.5	696.378	685.341	671.333	653.716	646.925
22.0	692.133	681.096	666.239	648.198	641.406
22.5	687.888	676.639	661.145	642.680	635.463
23.0	683.855	672.394	656.263	636.737	629.520
23.5	679.610	667.725	650.957	631.006	623.578
24.0	675.153	663.055	645.651	625.276	617.422
24.5	670.696	658.386	640.133	619.333	611.480
25.0	666.027	653.716	634.827	613.390	605.324
25.5	661.145	648.623	629.308	607.235	598.745
26.0	656.476	643.741	623.365	601.080	592.377
26.5	651.806	638.647	617.847	594.924	585.798

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CANDELA TABULATION - (Cont.)

27.0	646.712	633.553	611.904	588.557	579.430
27.5	641.406	628.247	606.173	582.190	573.063
28.0	636.525	623.153	600.231	575.610	566.271
28.5	631.431	617.847	594.500	569.243	559.692
29.0	626.337	612.541	588.557	562.663	553.324
29.5	620.394	607.022	582.402	556.083	546.532
30.0	614.663	601.292	576.247	549.504	539.953
30.5	609.357	595.773	570.304	543.136	533.161
31.0	603.839	590.255	564.149	536.557	526.369
31.5	598.533	584.524	557.994	529.765	519.577
32.0	592.590	578.794	551.626	523.185	512.998
32.5	587.071	572.851	545.471	516.394	505.994
33.0	581.341	567.120	538.892	509.814	499.414
33.5	575.610	561.177	532.949	503.022	492.198
34.0	570.092	555.234	526.369	496.442	485.618
34.5	564.361	549.504	520.002	489.863	479.038
35.0	558.630	543.349	513.422	483.071	472.246
35.5	552.688	537.194	507.055	476.704	465.242
36.0	547.169	531.251	500.687	469.912	458.875
36.5	541.226	525.096	494.108	463.332	452.083
37.0	535.071	518.940	487.953	456.753	445.716
37.5	529.128	512.785	481.585	449.961	438.924
38.0	523.185	506.418	475.006	443.381	432.132
38.5	517.030	500.475	468.638	436.801	425.552
39.0	510.663	494.108	462.271	430.222	418.973
39.5	504.720	487.953	455.691	423.642	412.393
40.0	498.565	481.585	449.324	417.487	406.026
40.5	491.985	475.430	442.744	410.907	399.234
41.0	485.830	469.063	436.377	404.328	392.230
41.5	479.675	462.908	430.010	397.748	385.650
42.0	473.095	456.540	423.642	390.956	378.858
42.5	466.304	449.961	417.275	384.589	372.279
43.0	459.936	443.593	410.907	377.585	365.699
43.5	453.781	437.438	404.540	371.005	359.544
44.0	446.989	431.071	398.173	364.850	353.177
44.5	440.622	424.703	391.169	358.483	346.809
45.0	434.042	418.548	384.801	352.328	340.654
45.5	427.463	411.969	378.222	346.173	334.287
46.0	421.095	405.814	372.067	340.017	328.132
46.5	414.728	399.446	365.911	334.075	322.189
47.0	408.148	393.079	359.756	327.919	316.034
47.5	401.569	386.287	353.813	321.977	310.091
48.0	395.201	379.707	347.871	316.034	303.936
48.5	388.622	373.552	341.715	310.091	297.993
49.0	381.618	367.185	335.773	304.148	292.262
49.5	375.462	361.242	330.042	298.205	286.532
50.0	369.095	355.087	324.099	292.474	280.801
50.5	363.152	348.932	318.156	286.744	275.070
51.0	356.785	342.989	312.213	280.801	269.340
51.5	350.630	336.834	306.483	275.283	263.821
52.0	344.687	330.679	300.540	269.552	258.303
52.5	338.532	324.736	294.809	264.034	252.997
53.0	332.377	318.793	289.079	258.515	247.691
53.5	326.221	312.850	283.560	252.997	242.172
54.0	320.279	306.907	277.617	247.691	236.866
54.5	314.123	301.177	272.099	242.172	231.560

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CANDELA TABULATION - (Cont.)

55.0	308.181	295.234	266.368	237.078	226.254
55.5	302.025	289.503	260.850	231.560	221.160
56.0	295.870	283.560	255.331	226.466	216.066
56.5	289.927	277.829	249.813	221.372	211.290
57.0	283.772	272.099	244.082	216.278	206.260
57.5	277.829	266.580	238.776	211.184	201.357
58.0	271.887	260.850	233.258	206.175	196.539
58.5	265.944	255.119	227.740	201.230	191.721
59.0	260.001	249.601	222.433	196.370	186.946
59.5	254.058	244.082	217.127	191.509	182.298
60.0	248.327	238.564	211.779	186.628	177.671
60.5	242.597	233.046	206.600	181.873	173.044
61.0	236.866	227.740	201.315	177.161	168.502
61.5	231.348	222.221	196.179	172.407	164.023
62.0	225.617	216.703	191.000	167.865	159.694
62.5	220.099	211.460	185.991	163.302	155.279
63.0	214.580	206.218	181.003	158.760	150.949
63.5	209.168	200.975	176.015	154.175	146.577
64.0	203.904	195.775	171.155	149.760	142.374
64.5	198.471	190.575	166.252	145.367	138.193
65.0	193.207	185.481	161.434	140.974	134.118
65.5	187.986	180.324	156.574	136.665	129.958
66.0	182.786	175.209	151.883	132.462	125.883
66.5	177.628	170.157	147.171	128.196	121.765
67.0	172.407	165.148	142.523	123.973	117.818
67.5	167.186	160.139	137.938	119.898	113.870
68.0	162.177	155.215	133.311	115.801	109.880
68.5	157.062	150.334	128.791	111.769	106.038
69.0	151.989	145.452	124.312	107.757	102.217
69.5	147.065	140.591	119.940	103.788	98.503
70.0	142.077	135.752	115.483	99.904	94.746
70.5	137.153	130.998	111.111	96.041	91.117
71.0	132.229	126.286	106.866	92.284	87.445
71.5	127.411	121.532	102.621	88.549	83.901
72.0	122.614	116.905	98.418	84.835	80.356
72.5	117.839	112.320	94.237	81.205	76.918
73.0	113.191	107.800	90.141	77.555	73.543
73.5	108.542	103.215	86.108	74.074	70.168
74.0	103.979	98.715	82.118	70.572	66.815
74.5	99.458	94.301	78.170	67.176	63.631
75.0	95.001	89.950	74.244	63.759	60.469
75.5	90.629	85.684	70.444	60.511	57.328
76.0	86.363	81.460	66.730	57.264	54.292
76.5	82.075	77.236	63.016	54.144	51.321
77.0	78.021	73.119	59.450	51.024	48.371
77.5	73.904	69.065	55.905	48.010	45.484
78.0	69.808	65.075	52.403	45.060	42.746
78.5	65.754	61.127	49.050	42.194	39.966
79.0	61.891	57.328	45.760	39.372	37.292
79.5	58.092	53.465	42.555	36.549	34.681
80.0	54.314	49.772	39.372	33.896	32.155
80.5	50.557	46.100	36.273	31.264	29.651
81.0	46.928	42.534	33.301	28.759	27.274
81.5	43.341	39.074	30.394	26.276	24.918
82.0	39.881	35.572	27.634	23.856	22.583
82.5	36.506	32.261	24.918	21.500	20.354

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CANDELA TABULATION - (Cont.)

83.0	33.174	28.993	22.286	19.208	18.083
83.5	29.884	25.873	19.803	16.958	15.918
84.0	26.743	22.816	17.383	14.751	13.817
84.5	23.644	19.930	15.069	12.650	11.801
85.0	20.715	17.149	12.841	10.676	9.827
85.5	17.871	14.475	10.718	8.660	7.705
86.0	15.197	11.928	8.808	6.580	5.370
86.5	12.544	9.636	6.962	4.160	3.311
87.0	10.103	7.471	4.967	2.632	2.356
87.5	7.832	5.561	2.865	2.016	1.847
88.0	5.731	3.799	1.804	1.549	1.443
88.5	3.948	2.122	1.337	1.125	0.998
89.0	2.483	1.061	0.891	0.722	0.637
89.5	1.231	0.573	0.488	0.361	0.318
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
PHOTOMETRIC FILENAME : LRX4X-2-L8-840-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 : LRX4X-2-L8-840-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	277.59	N.A.	16.50
0-30	569.01	N.A.	33.70
0-40	890.03	N.A.	52.80
0-60	1426.32	N.A.	84.50
0-80	1669.67	N.A.	99.00
0-90	1687.14	N.A.	100.00
10-90	1613.75	N.A.	95.60
20-40	612.44	N.A.	36.30
20-50	910.13	N.A.	53.90
40-70	697.99	N.A.	41.40
60-80	243.35	N.A.	14.40
70-80	81.65	N.A.	4.80
80-90	17.47	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	1687.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	73.39
10-20	204.20
20-30	291.42
30-40	321.02
40-50	297.69
50-60	238.59
60-70	161.71
70-80	81.65
80-90	17.47
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-L8-840-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	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	52	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-L8-840-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

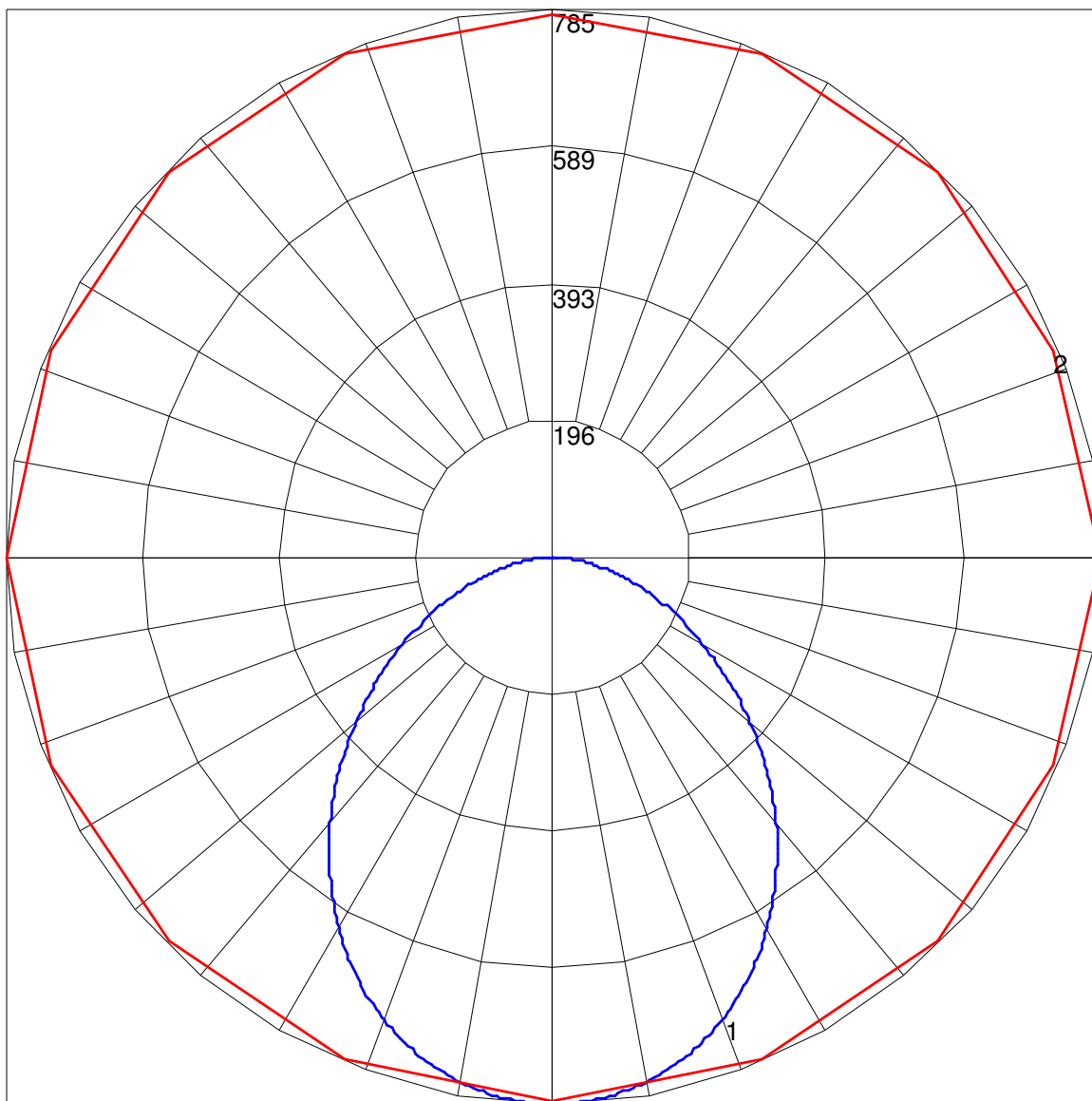
Reflectances

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	18.7	20.3	19.1	20.6	20.9	17.0	18.5	17.4	18.9	19.2
	3H	20.3	21.7	20.7	22.0	22.4	18.3	19.7	18.7	20.1	20.4
	4H	20.9	22.2	21.3	22.5	22.9	18.8	20.1	19.2	20.4	20.8
	6H	21.3	22.5	21.7	22.8	23.2	19.0	20.2	19.4	20.6	21.0
	8H	21.3	22.5	21.8	22.9	23.3	19.1	20.2	19.5	20.6	21.0
	12H	21.4	22.5	21.8	22.9	23.3	19.1	20.2	19.5	20.6	21.0
4H	2H	19.1	20.4	19.5	20.8	21.1	17.7	19.0	18.1	19.3	19.7
	3H	20.9	22.0	21.3	22.4	22.8	19.2	20.3	19.6	20.7	21.1
	4H	21.6	22.6	22.0	23.0	23.4	19.7	20.7	20.2	21.1	21.6
	6H	22.1	22.9	22.5	23.4	23.8	20.1	20.9	20.5	21.4	21.8
	8H	22.2	23.0	22.7	23.5	23.9	20.2	21.0	20.6	21.4	21.9
	12H	22.3	23.0	22.8	23.5	24.0	20.2	20.9	20.7	21.4	21.9
8H	4H	21.7	22.5	22.2	23.0	23.4	20.0	20.8	20.5	21.3	21.7
	6H	22.3	23.0	22.8	23.4	23.9	20.5	21.1	21.0	21.6	22.1
	8H	22.5	23.1	23.0	23.6	24.1	20.6	21.2	21.1	21.7	22.2
	12H	22.6	23.2	23.2	23.7	24.2	20.7	21.2	21.2	21.7	22.2
12H	4H	21.7	22.4	22.2	22.9	23.4	20.1	20.8	20.6	21.3	21.7
	6H	22.3	22.9	22.8	23.4	23.9	20.5	21.1	21.0	21.6	22.1
	8H	22.5	23.1	23.0	23.5	24.1	20.7	21.2	21.2	21.7	22.2

Maximum UGR = 24.2

POLAR GRAPH



Maximum Candela = 785.309 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.)