

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-927-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-L8-927-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	1310
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
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	6393	5668	5017
55	5596	4837	4108
65	4761	3978	3305
75	3823	2987	2433
85	2475	1534	1174

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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	606.981	606.981	606.981	606.981	606.981
0.5	609.948	605.662	607.146	606.651	606.322
1.0	609.783	605.497	606.981	606.486	606.157
1.5	609.619	605.168	606.816	606.157	605.827
2.0	609.289	605.003	606.322	605.497	605.662
2.5	609.124	604.673	605.992	605.168	605.003
3.0	608.630	604.179	605.497	604.343	604.179
3.5	608.300	603.684	604.838	603.684	603.354
4.0	607.476	603.025	604.179	602.860	602.365
4.5	607.146	602.365	603.354	601.871	601.211
5.0	606.322	601.706	602.365	600.882	600.222
5.5	605.992	600.717	601.376	599.563	598.738
6.0	604.508	599.892	600.222	598.244	597.420
6.5	603.684	599.068	598.903	596.760	595.771
7.0	602.695	597.914	597.749	595.277	594.288
7.5	601.706	596.760	596.266	593.628	592.474
8.0	600.552	595.441	594.947	591.815	590.496
8.5	599.398	594.288	593.463	589.837	588.518
9.0	598.079	592.969	591.650	587.858	586.540
9.5	596.595	591.320	590.001	585.715	584.232
10.0	595.441	589.837	588.023	583.737	582.089
10.5	593.628	588.188	586.210	581.594	579.781
11.0	591.980	586.540	584.067	579.121	577.473
11.5	590.331	584.726	581.924	576.648	574.670
12.0	588.518	582.913	579.781	574.011	572.033
12.5	586.375	580.770	577.473	571.373	569.065
13.0	584.561	578.792	575.000	568.571	566.263
13.5	582.748	576.648	572.527	565.768	563.460
14.0	580.440	574.505	570.054	562.636	560.163
14.5	578.462	572.033	567.252	559.669	557.031
15.0	576.154	569.725	564.450	556.537	553.734
15.5	573.846	567.252	561.647	553.240	550.437
16.0	571.373	564.779	558.680	549.943	546.810
16.5	569.065	562.306	555.712	546.481	543.349
17.0	566.428	559.504	552.580	543.019	539.557
17.5	563.955	556.702	549.613	539.392	535.765
18.0	561.152	554.064	546.316	535.765	531.974
18.5	558.680	551.097	543.019	531.974	527.853
19.0	555.712	548.129	539.557	528.017	523.731
19.5	552.910	545.162	536.095	524.226	519.610
20.0	549.943	542.030	532.468	520.269	515.489
20.5	546.975	538.898	528.842	516.148	511.203
21.0	543.843	535.765	525.215	512.027	506.752
21.5	540.876	532.304	521.423	507.741	502.466
22.0	537.579	529.007	517.467	503.455	498.179
22.5	534.282	525.545	513.511	499.169	493.564
23.0	531.150	522.248	509.719	494.553	488.948
23.5	527.853	518.621	505.598	490.102	484.332
24.0	524.391	514.994	501.476	485.651	479.551
24.5	520.929	511.368	497.190	481.035	474.935
25.0	517.302	507.741	493.069	476.419	470.155
25.5	513.511	503.784	488.783	471.638	465.044
26.0	509.884	499.993	484.167	466.858	460.099
26.5	506.257	496.036	479.881	462.077	454.988

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CANDELA TABULATION - (Cont.)

27.0	502.301	492.080	475.265	457.132	450.043
27.5	498.179	487.959	470.814	452.186	445.097
28.0	494.388	484.002	466.198	447.076	439.822
28.5	490.431	479.881	461.747	442.130	434.712
29.0	486.475	475.760	457.132	437.020	429.766
29.5	481.859	471.474	452.351	431.909	424.491
30.0	477.408	467.023	447.570	426.799	419.381
30.5	473.287	462.736	442.954	421.853	414.105
31.0	469.001	458.450	438.174	416.743	408.830
31.5	464.880	453.999	433.393	411.468	403.555
32.0	460.264	449.548	428.448	406.357	398.445
32.5	455.978	444.933	423.667	401.082	393.005
33.0	451.527	440.482	418.556	395.972	387.894
33.5	447.076	435.866	413.941	390.697	382.289
34.0	442.790	431.250	408.830	385.586	377.179
34.5	438.339	426.799	403.885	380.476	372.068
35.0	433.888	422.018	398.774	375.201	366.793
35.5	429.272	417.238	393.829	370.255	361.353
36.0	424.986	412.622	388.883	364.980	356.408
36.5	420.370	407.841	383.773	359.870	351.132
37.0	415.589	403.060	378.992	354.759	346.187
37.5	410.973	398.280	374.047	349.484	340.912
38.0	406.357	393.334	368.936	344.374	335.636
38.5	401.577	388.718	363.991	339.263	330.526
39.0	396.631	383.773	359.045	334.153	325.416
39.5	392.015	378.992	353.935	329.042	320.305
40.0	387.235	374.047	348.989	324.262	315.360
40.5	382.124	369.266	343.879	319.151	310.085
41.0	377.344	364.321	338.933	314.041	304.644
41.5	372.563	359.540	333.988	308.931	299.534
42.0	367.453	354.594	329.042	303.655	294.259
42.5	362.177	349.484	324.097	298.710	289.148
43.0	357.232	344.538	319.151	293.270	284.038
43.5	352.451	339.758	314.206	288.159	279.257
44.0	347.176	334.812	309.260	283.379	274.312
44.5	342.230	329.867	303.820	278.433	269.366
45.0	337.120	325.086	298.875	273.653	264.586
45.5	332.010	319.976	293.764	268.872	259.640
46.0	327.064	315.195	288.984	264.091	254.859
46.5	322.119	310.249	284.203	259.475	250.244
47.0	317.008	305.304	279.422	254.695	245.463
47.5	311.898	300.029	274.806	250.079	240.847
48.0	306.952	294.918	270.191	245.463	236.066
48.5	301.842	290.138	265.410	240.847	231.451
49.0	296.402	285.192	260.794	236.231	227.000
49.5	291.621	280.576	256.343	231.616	222.549
50.0	286.676	275.796	251.727	227.165	218.098
50.5	282.060	271.015	247.112	222.714	213.647
51.0	277.114	266.399	242.496	218.098	209.196
51.5	272.334	261.618	238.045	213.812	204.910
52.0	267.718	256.838	233.429	209.361	200.624
52.5	262.937	252.222	228.978	205.075	196.502
53.0	258.157	247.606	224.527	200.788	192.381
53.5	253.376	242.990	220.241	196.502	188.095
54.0	248.760	238.374	215.625	192.381	183.974
54.5	243.979	233.923	211.339	188.095	179.852

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CANDELA TABULATION - (Cont.)

55.0	239.364	229.308	206.888	184.138	175.731
55.5	234.583	224.857	202.602	179.852	171.775
56.0	229.802	220.241	198.316	175.896	167.818
56.5	225.186	215.790	194.030	171.939	164.109
57.0	220.406	211.339	189.579	167.983	160.202
57.5	215.790	207.053	185.457	164.027	156.394
58.0	211.174	202.602	181.171	160.136	152.652
58.5	206.558	198.151	176.885	156.295	148.910
59.0	201.942	193.865	172.764	152.520	145.201
59.5	197.327	189.579	168.642	148.745	141.590
60.0	192.876	185.292	164.488	144.953	137.997
60.5	188.425	181.006	160.466	141.261	134.403
61.0	183.974	176.885	156.361	137.601	130.875
61.5	179.687	172.599	152.372	133.908	127.397
62.0	175.237	168.313	148.349	130.381	124.034
62.5	170.950	164.241	144.459	126.836	120.605
63.0	166.664	160.169	140.585	123.308	117.242
63.5	162.461	156.097	136.711	119.748	113.846
64.0	158.372	152.058	132.936	116.319	110.582
64.5	154.152	148.020	129.128	112.906	107.334
65.0	150.064	144.063	125.386	109.494	104.169
65.5	146.008	140.057	121.611	106.147	100.938
66.0	141.970	136.084	117.967	102.883	97.773
66.5	137.964	132.161	114.308	99.570	94.575
67.0	133.908	128.270	110.697	96.289	91.509
67.5	129.853	124.380	107.137	93.124	88.443
68.0	125.963	120.555	103.543	89.943	85.343
68.5	121.990	116.764	100.032	86.810	82.360
69.0	118.050	112.972	96.553	83.695	79.392
69.5	114.225	109.197	93.157	80.612	76.507
70.0	110.351	105.439	89.695	77.595	73.589
70.5	106.527	101.746	86.299	74.595	70.770
71.0	102.702	98.086	83.002	71.677	67.919
71.5	98.960	94.394	79.705	68.776	65.166
72.0	95.234	90.800	76.441	65.891	62.413
72.5	91.525	87.239	73.194	63.072	59.742
73.0	87.915	83.728	70.012	60.237	57.121
73.5	84.305	80.167	66.880	57.533	54.500
74.0	80.760	76.672	63.781	54.813	51.895
74.5	77.249	73.243	60.715	52.175	49.422
75.0	73.787	69.864	57.665	49.521	46.966
75.5	70.391	66.550	54.714	46.999	44.526
76.0	67.078	63.270	51.829	44.477	42.169
76.5	63.748	59.989	48.944	42.053	39.861
77.0	60.599	56.791	46.175	39.630	37.570
77.5	57.401	53.642	43.422	37.289	35.328
78.0	54.219	50.543	40.702	34.998	33.201
78.5	51.071	47.477	38.097	32.772	31.041
79.0	48.071	44.526	35.542	30.580	28.964
79.5	45.120	41.526	33.053	28.387	26.937
80.0	42.185	38.658	30.580	26.327	24.975
80.5	39.267	35.806	28.173	24.283	23.030
81.0	36.449	33.036	25.865	22.337	21.183
81.5	33.663	30.349	23.607	20.409	19.353
82.0	30.975	27.629	21.464	18.529	17.540
82.5	28.354	25.057	19.353	16.699	15.809

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CANDELA TABULATION - (Cont.)

83.0	25.766	22.519	17.309	14.919	14.045
83.5	23.211	20.095	15.381	13.172	12.364
84.0	20.771	17.721	13.501	11.457	10.732
84.5	18.364	15.480	11.704	9.825	9.166
85.0	16.089	13.320	9.973	8.292	7.633
85.5	13.880	11.243	8.325	6.726	5.984
86.0	11.803	9.265	6.841	5.110	4.171
86.5	9.743	7.484	5.407	3.231	2.572
87.0	7.847	5.803	3.858	2.044	1.830
87.5	6.083	4.319	2.225	1.566	1.434
88.0	4.451	2.951	1.401	1.203	1.121
88.5	3.066	1.649	1.039	0.874	0.775
89.0	1.929	0.824	0.692	0.560	0.495
89.5	0.956	0.445	0.379	0.280	0.247
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-L8-927-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-L8-927-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	215.60	N.A.	16.50
0-30	441.95	N.A.	33.70
0-40	691.29	N.A.	52.80
0-60	1107.82	N.A.	84.50
0-80	1296.83	N.A.	99.00
0-90	1310.4	N.A.	100.00
10-90	1253.4	N.A.	95.70
20-40	475.68	N.A.	36.30
20-50	706.90	N.A.	53.90
40-70	542.13	N.A.	41.40
60-80	189.01	N.A.	14.40
70-80	63.41	N.A.	4.80
80-90	13.57	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	1310.4	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	57.00
10-20	158.60
20-30	226.35
30-40	249.34
40-50	231.22
50-60	185.31
60-70	125.60
70-80	63.41
80-90	13.57
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-L8-927-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	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-L8-927-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

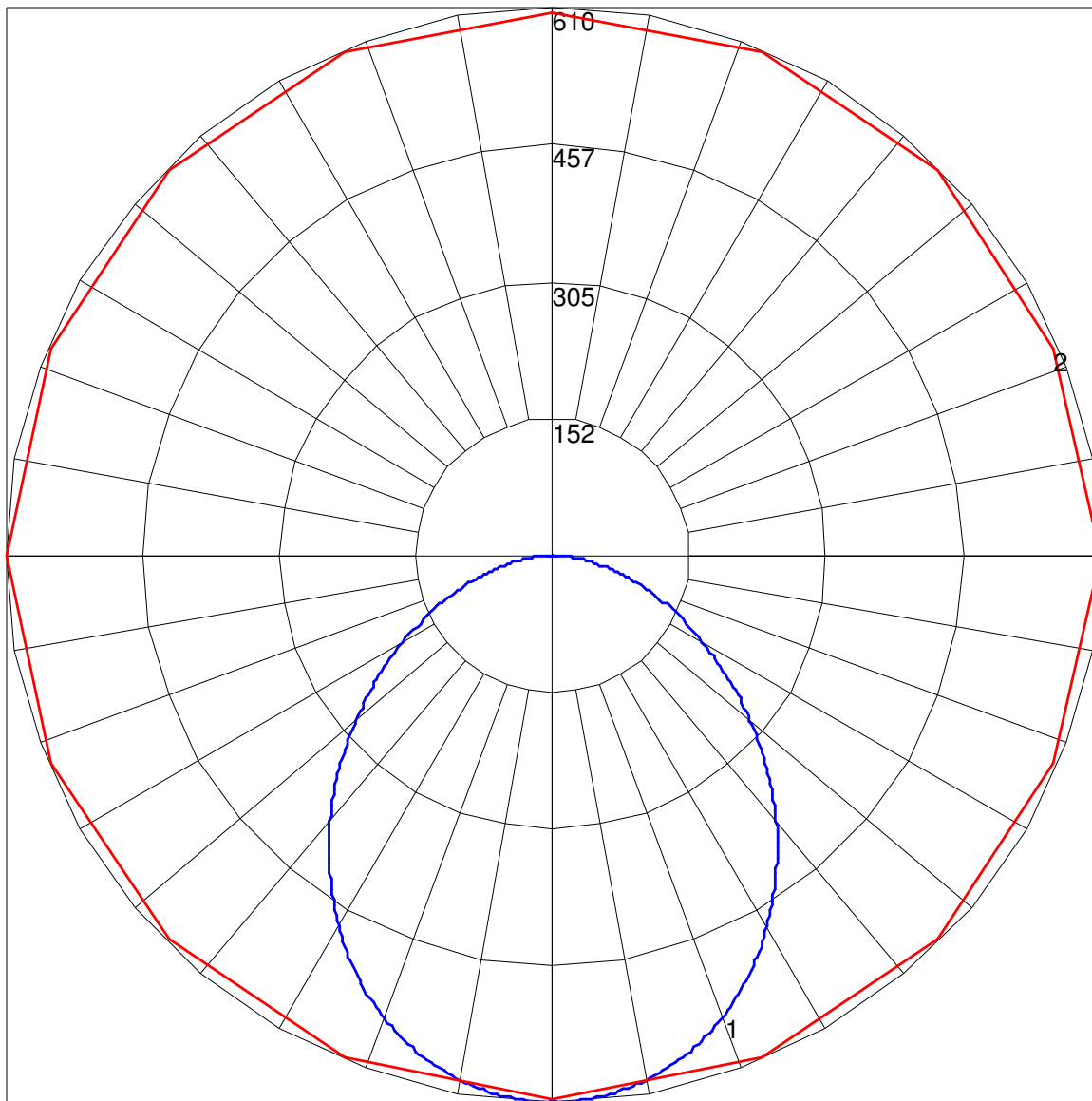
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	17.8	19.4	18.2	19.7	20.0	16.1	17.6	16.5	18.0	18.3
	3H	19.4	20.8	19.8	21.1	21.5	17.4	18.8	17.8	19.2	19.5
	4H	20.0	21.3	20.4	21.6	22.0	17.9	19.2	18.3	19.5	19.9
	6H	20.3	21.5	20.8	21.9	22.3	18.1	19.3	18.5	19.7	20.1
	8H	20.4	21.6	20.9	22.0	22.4	18.2	19.3	18.6	19.7	20.1
	12H	20.5	21.6	20.9	22.0	22.4	18.2	19.3	18.6	19.7	20.1
4H	2H	18.2	19.5	18.6	19.8	20.2	16.8	18.1	17.2	18.4	18.8
	3H	20.0	21.1	20.4	21.5	21.9	18.3	19.4	18.7	19.8	20.2
	4H	20.7	21.7	21.1	22.1	22.5	18.8	19.8	19.3	20.2	20.7
	6H	21.2	22.0	21.6	22.5	22.9	19.2	20.0	19.6	20.5	20.9
	8H	21.3	22.1	21.8	22.6	23.0	19.3	20.1	19.7	20.5	21.0
	12H	21.4	22.1	21.9	22.6	23.1	19.3	20.0	19.8	20.5	21.0
8H	4H	20.8	21.6	21.3	22.0	22.5	19.1	19.9	19.6	20.4	20.8
	6H	21.4	22.1	21.9	22.5	23.0	19.6	20.2	20.1	20.7	21.2
	8H	21.6	22.2	22.1	22.7	23.2	19.7	20.3	20.2	20.8	21.3
	12H	21.7	22.3	22.3	22.8	23.3	19.8	20.3	20.3	20.8	21.3
12H	4H	20.8	21.5	21.3	22.0	22.5	19.2	19.9	19.7	20.4	20.8
	6H	21.4	22.0	21.9	22.5	23.0	19.6	20.2	20.1	20.7	21.2
	8H	21.6	22.2	22.1	22.6	23.2	19.8	20.3	20.3	20.8	21.3

Maximum UGR = 23.3

POLAR GRAPH



Maximum Candela = 609.948 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.)