

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-830-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-L12-830-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	2386
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
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	11640	10319	9135
55	10188	8806	7480
65	8669	7243	6018
75	6960	5439	4430
85	4507	2794	2138

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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	1105.156	1105.156	1105.156	1105.156	1105.156
0.5	1110.559	1102.755	1105.456	1104.556	1103.955
1.0	1110.259	1102.455	1105.156	1104.255	1103.655
1.5	1109.958	1101.854	1104.856	1103.655	1103.055
2.0	1109.358	1101.554	1103.955	1102.455	1102.755
2.5	1109.058	1100.954	1103.355	1101.854	1101.554
3.0	1108.157	1100.053	1102.455	1100.354	1100.053
3.5	1107.557	1099.153	1101.254	1099.153	1098.553
4.0	1106.056	1097.952	1100.053	1097.652	1096.752
4.5	1105.456	1096.752	1098.553	1095.851	1094.651
5.0	1103.955	1095.551	1096.752	1094.050	1092.850
5.5	1103.355	1093.750	1094.951	1091.649	1090.148
6.0	1100.654	1092.249	1092.850	1089.248	1087.747
6.5	1099.153	1090.749	1090.449	1086.547	1084.746
7.0	1097.352	1088.648	1088.347	1083.845	1082.044
7.5	1095.551	1086.547	1085.646	1080.844	1078.743
8.0	1093.450	1084.145	1083.245	1077.542	1075.141
8.5	1091.349	1082.044	1080.544	1073.940	1071.539
9.0	1088.948	1079.643	1077.242	1070.338	1067.937
9.5	1086.246	1076.642	1074.240	1066.436	1063.735
10.0	1084.145	1073.940	1070.639	1062.835	1059.833
10.5	1080.844	1070.939	1067.337	1058.933	1055.631
11.0	1077.842	1067.937	1063.435	1054.430	1051.429
11.5	1074.841	1064.636	1059.533	1049.928	1046.326
12.0	1071.539	1061.334	1055.631	1045.126	1041.524
12.5	1067.637	1057.432	1051.429	1040.323	1036.121
13.0	1064.335	1053.830	1046.927	1035.221	1031.019
13.5	1061.034	1049.928	1042.424	1030.118	1025.916
14.0	1056.832	1046.026	1037.922	1024.415	1019.913
14.5	1053.230	1041.524	1032.820	1019.013	1014.210
15.0	1049.028	1037.322	1027.717	1013.310	1008.207
15.5	1044.826	1032.820	1022.614	1007.307	1002.204
16.0	1040.323	1028.317	1017.212	1001.304	995.601
16.5	1036.121	1023.815	1011.809	995.001	989.298
17.0	1031.319	1018.712	1006.106	988.697	982.394
17.5	1026.817	1013.610	1000.703	982.094	975.491
18.0	1021.714	1008.807	994.700	975.491	968.587
18.5	1017.212	1003.405	988.697	968.587	961.083
19.0	1011.809	998.002	982.394	961.384	953.580
19.5	1006.706	992.599	976.091	954.480	946.076
20.0	1001.304	986.896	969.488	947.277	938.572
20.5	995.901	981.194	962.884	939.773	930.768
21.0	990.198	975.491	956.281	932.269	922.664
21.5	984.795	969.188	949.378	924.465	914.860
22.0	978.792	963.185	942.174	916.661	907.056
22.5	972.789	956.881	934.970	908.857	898.652
23.0	967.086	950.878	928.067	900.453	890.248
23.5	961.083	944.275	920.563	892.349	881.844
24.0	954.780	937.672	913.059	884.245	873.139
24.5	948.477	931.068	905.255	875.841	864.735
25.0	941.874	924.465	897.752	867.436	856.031
25.5	934.970	917.261	889.948	858.732	846.726
26.0	928.367	910.358	881.543	850.028	837.721
26.5	921.764	903.154	873.740	841.323	828.417

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CANDELA TABULATION - (Cont.)

27.0	914.560	895.951	865.335	832.319	819.412
27.5	907.056	888.447	857.231	823.314	810.408
28.0	900.153	881.243	848.827	814.009	800.803
28.5	892.949	873.740	840.723	805.005	791.498
29.0	885.746	866.236	832.319	795.700	782.494
29.5	877.341	858.432	823.614	786.396	772.889
30.0	869.237	850.328	814.910	777.091	763.584
30.5	861.733	842.524	806.506	768.086	753.979
31.0	853.930	834.720	797.801	758.782	744.374
31.5	846.426	826.616	789.097	749.177	734.770
32.0	838.022	818.512	780.092	739.872	725.465
32.5	830.218	810.108	771.388	730.267	715.560
33.0	822.114	802.003	762.083	720.963	706.255
33.5	814.009	793.599	753.679	711.358	696.050
34.0	806.206	785.195	744.374	702.053	686.745
34.5	798.101	777.091	735.370	692.748	677.441
35.0	789.997	768.387	726.065	683.144	667.836
35.5	781.593	759.682	717.061	674.139	657.931
36.0	773.789	751.278	708.056	664.534	648.926
36.5	765.385	742.574	698.752	655.230	639.322
37.0	756.681	733.869	690.047	645.925	630.317
37.5	748.276	725.165	681.043	636.320	620.712
38.0	739.872	716.160	671.738	627.015	611.107
38.5	731.168	707.756	662.733	617.711	601.803
39.0	722.163	698.752	653.729	608.406	592.498
39.5	713.759	690.047	644.424	599.101	583.193
40.0	705.055	681.043	635.420	590.397	574.189
40.5	695.750	672.338	626.115	581.092	564.584
41.0	687.046	663.334	617.110	571.788	554.679
41.5	678.341	654.629	608.106	562.483	545.374
42.0	669.037	645.625	599.101	552.878	535.770
42.5	659.432	636.320	590.097	543.874	526.465
43.0	650.427	627.316	581.092	533.969	517.160
43.5	641.723	618.611	572.088	524.664	508.456
44.0	632.118	609.607	563.083	515.960	499.451
44.5	623.113	600.602	553.178	506.955	490.447
45.0	613.809	591.898	544.174	498.251	481.742
45.5	604.504	582.593	534.869	489.546	472.738
46.0	595.500	573.889	526.165	480.842	464.033
46.5	586.495	564.884	517.460	472.438	455.629
47.0	577.190	555.880	508.756	463.733	446.925
47.5	567.886	546.275	500.352	455.329	438.521
48.0	558.881	536.970	491.947	446.925	429.816
48.5	549.576	528.266	483.243	438.521	421.412
49.0	539.671	519.261	474.839	430.116	413.308
49.5	530.967	510.857	466.735	421.712	405.204
50.0	521.963	502.153	458.331	413.608	397.100
50.5	513.558	493.448	449.926	405.504	388.996
51.0	504.554	485.044	441.522	397.100	380.892
51.5	495.849	476.340	433.418	389.296	373.088
52.0	487.445	467.635	425.014	381.192	365.284
52.5	478.741	459.231	416.910	373.388	357.780
53.0	470.036	450.827	408.806	365.584	350.276
53.5	461.332	442.423	401.002	357.780	342.472
54.0	452.928	434.018	392.597	350.276	334.969
54.5	444.223	425.914	384.794	342.472	327.465

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CANDELA TABULATION - (Cont.)

55.0	435.819	417.510	376.689	335.269	319.961
55.5	427.115	409.406	368.886	327.465	312.757
56.0	418.410	401.002	361.082	320.261	305.554
56.5	410.006	392.898	353.278	313.057	298.800
57.0	401.302	384.794	345.174	305.854	291.687
57.5	392.898	376.990	337.670	298.650	284.753
58.0	384.493	368.886	329.866	291.567	277.940
58.5	376.089	360.781	322.062	284.573	271.126
59.0	367.685	352.978	314.558	277.700	264.373
59.5	359.281	345.174	307.054	270.826	257.800
60.0	351.177	337.370	299.491	263.923	251.256
60.5	343.073	329.566	292.167	257.199	244.713
61.0	334.969	322.062	284.693	250.536	238.290
61.5	327.165	314.258	277.430	243.813	231.957
62.0	319.061	306.454	270.106	237.389	225.834
62.5	311.257	299.040	263.022	230.936	219.590
63.0	303.453	291.627	255.969	224.513	213.467
63.5	295.799	284.213	248.915	218.030	207.284
64.0	288.355	276.859	242.042	211.787	201.341
64.5	280.671	269.506	235.108	205.573	195.428
65.0	273.227	262.302	228.295	199.360	189.665
65.5	265.844	255.008	221.421	193.267	183.782
66.0	258.490	247.775	214.788	187.324	178.020
66.5	251.196	240.631	208.125	181.291	172.197
67.0	243.813	233.547	201.551	175.318	166.614
67.5	236.429	226.464	195.068	169.555	161.031
68.0	229.345	219.500	188.525	163.762	155.388
68.5	222.112	212.597	182.132	158.060	149.955
69.0	214.938	205.693	175.798	152.387	144.553
69.5	207.975	198.820	169.615	146.774	139.300
70.0	200.921	191.977	163.312	141.281	133.987
70.5	193.958	185.253	157.129	135.818	128.855
71.0	186.994	178.590	151.126	130.506	123.662
71.5	180.181	171.866	145.123	125.223	118.650
72.0	173.397	165.323	139.180	119.970	113.637
72.5	166.644	158.840	133.267	114.838	108.775
73.0	160.071	152.447	127.474	109.675	104.002
73.5	153.497	145.963	121.771	104.753	99.230
74.0	147.044	139.600	116.128	99.800	94.488
74.5	140.651	133.357	110.546	94.998	89.985
75.0	134.348	127.204	104.993	90.165	85.513
75.5	128.164	121.171	99.620	85.573	81.071
76.0	122.131	115.198	94.367	80.981	76.779
76.5	116.068	109.225	89.115	76.569	72.577
77.0	110.336	103.402	84.072	72.156	68.404
77.5	104.513	97.669	79.060	67.894	64.322
78.0	98.720	92.026	74.107	63.722	60.450
78.5	92.987	86.443	69.365	59.670	56.518
79.0	87.524	81.071	64.713	55.678	52.737
79.5	82.151	75.608	60.180	51.686	49.045
80.0	76.809	70.385	55.678	47.934	45.473
80.5	71.496	65.193	51.296	44.212	41.931
81.0	66.363	60.150	47.094	40.670	38.569
81.5	61.291	55.258	42.982	37.159	35.238
82.0	56.398	50.305	39.080	33.737	31.936
82.5	51.626	45.623	35.238	30.405	28.784

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CANDELA TABULATION - (Cont.)

83.0	46.914	41.001	31.516	27.164	25.573
83.5	42.261	36.588	28.004	23.982	22.511
84.0	37.819	32.266	24.582	20.860	19.540
84.5	33.437	28.184	21.311	17.889	16.688
85.0	29.295	24.252	18.159	15.098	13.897
85.5	25.273	20.470	15.158	12.246	10.895
86.0	21.491	16.868	12.456	9.305	7.594
86.5	17.739	13.627	9.845	5.883	4.682
87.0	14.287	10.565	7.024	3.722	3.332
87.5	11.076	7.864	4.052	2.851	2.611
88.0	8.104	5.373	2.551	2.191	2.041
88.5	5.583	3.002	1.891	1.591	1.411
89.0	3.512	1.501	1.261	1.021	0.900
89.5	1.741	0.810	0.690	0.510	0.450
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-L12-830-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-L12-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	392.56	N.A.	16.50
0-30	804.68	N.A.	33.70
0-40	1258.66	N.A.	52.80
0-60	2017.05	N.A.	84.50
0-80	2361.19	N.A.	99.00
0-90	2385.9	N.A.	100.00
10-90	2282.11	N.A.	95.60
20-40	866.10	N.A.	36.30
20-50	1287.08	N.A.	53.90
40-70	987.07	N.A.	41.40
60-80	344.14	N.A.	14.40
70-80	115.46	N.A.	4.80
80-90	24.71	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	2385.9	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	103.79
10-20	288.77
20-30	412.12
30-40	453.98
40-50	420.99
50-60	337.41
60-70	228.68
70-80	115.46
80-90	24.71
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-L12-830-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

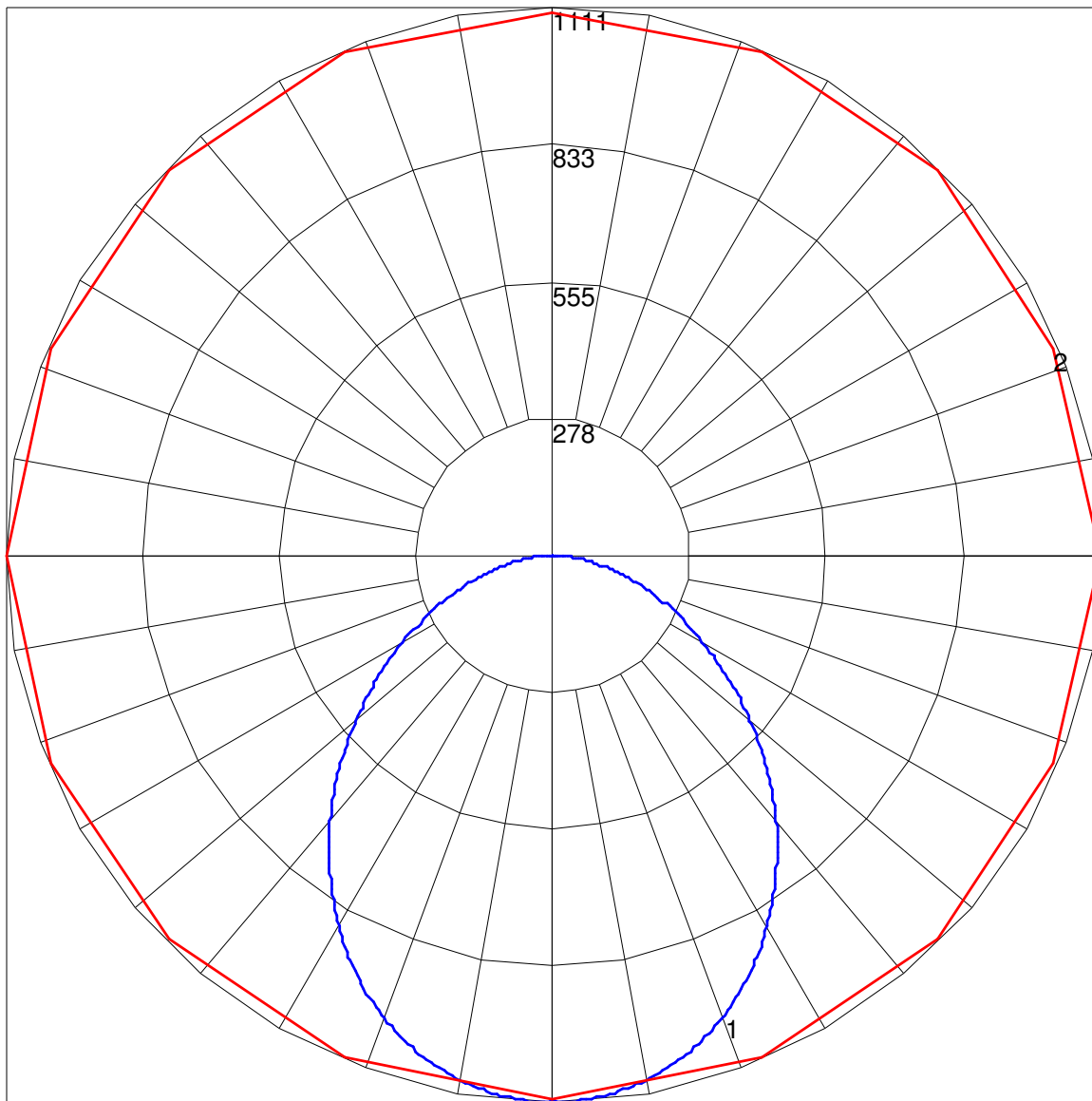
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L12-830-DMA-DIM-UNV_.IES

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	20.1	20.4
	3H	21.5	22.9	21.9	23.2	23.6	19.5	20.9	19.9	21.3	21.6
	4H	22.1	23.4	22.5	23.7	24.1	20.0	21.3	20.4	21.6	22.0
	6H	22.5	23.6	22.9	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	22.0	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	23.8	23.2	24.2	24.6	20.9	21.9	21.4	22.3	22.8
	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	21.4	22.2	21.8	22.6	23.1
	12H	23.5	24.2	24.0	24.7	25.2	21.4	22.1	21.9	22.6	23.1
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	24.2	24.0	24.6	25.1	21.7	22.3	22.2	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	24.4	24.4	24.9	25.4	21.9	22.4	22.4	22.9	23.4
12H	4H	22.9	23.6	23.4	24.1	24.6	21.3	22.0	21.8	22.5	22.9
	6H	23.5	24.1	24.0	24.6	25.1	21.7	22.3	22.2	22.8	23.3
	8H	23.7	24.3	24.2	24.7	25.3	21.9	22.4	22.4	22.9	23.4

Maximum UGR = 25.4

POLAR GRAPH



Maximum Candela = 1110.559 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.)