

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L15-930-DMA-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155383.02

[TESTLAB] UL, LLC

[ISSUEDATE] 2026-05-13

[TESTDATE] 3/19/2026

[MANUFAC] H E Williams Inc

[LUMCAT] LRX4x-2-L15-930-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	2462
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	25.6
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	12009	10647	9425
55	10512	9086	7717
65	8944	7473	6209
75	7181	5612	4571
85	4650	2883	2206

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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	1140.239	1140.239	1140.239	1140.239	1140.239
0.5	1145.813	1137.761	1140.549	1139.619	1139.000
1.0	1145.503	1137.452	1140.239	1139.310	1138.690
1.5	1145.194	1136.832	1139.929	1138.690	1138.071
2.0	1144.574	1136.523	1139.000	1137.452	1137.761
2.5	1144.265	1135.903	1138.381	1136.832	1136.523
3.0	1143.336	1134.974	1137.452	1135.284	1134.974
3.5	1142.716	1134.045	1136.213	1134.045	1133.426
4.0	1141.168	1132.807	1134.974	1132.497	1131.568
4.5	1140.549	1131.568	1133.426	1130.639	1129.400
5.0	1139.000	1130.329	1131.568	1128.781	1127.542
5.5	1138.381	1128.471	1129.710	1126.303	1124.755
6.0	1135.594	1126.923	1127.542	1123.826	1122.277
6.5	1134.045	1125.374	1125.065	1121.039	1119.181
7.0	1132.187	1123.206	1122.897	1118.252	1116.394
7.5	1130.329	1121.039	1120.110	1115.155	1112.987
8.0	1128.161	1118.561	1117.632	1111.748	1109.271
8.5	1125.994	1116.394	1114.845	1108.032	1105.555
9.0	1123.516	1113.916	1111.439	1104.316	1101.839
9.5	1120.729	1110.819	1108.342	1100.290	1097.503
10.0	1118.561	1108.032	1104.626	1096.574	1093.477
10.5	1115.155	1104.935	1101.219	1092.548	1089.142
11.0	1112.058	1101.839	1097.193	1087.903	1084.806
11.5	1108.961	1098.432	1093.168	1083.258	1079.542
12.0	1105.555	1095.026	1089.142	1078.303	1074.587
12.5	1101.529	1091.000	1084.806	1073.348	1069.013
13.0	1098.122	1087.284	1080.161	1068.084	1063.748
13.5	1094.716	1083.258	1075.516	1062.819	1058.484
14.0	1090.380	1079.232	1070.871	1056.935	1052.290
14.5	1086.664	1074.587	1065.606	1051.361	1046.406
15.0	1082.329	1070.251	1060.342	1045.477	1040.212
15.5	1077.993	1065.606	1055.077	1039.283	1034.019
16.0	1073.348	1060.961	1049.503	1033.090	1027.206
16.5	1069.013	1056.316	1043.929	1026.587	1020.703
17.0	1064.058	1051.051	1038.045	1020.083	1013.580
17.5	1059.413	1045.787	1032.470	1013.270	1006.457
18.0	1054.148	1040.832	1026.277	1006.457	999.335
18.5	1049.503	1035.258	1020.083	999.335	991.593
19.0	1043.929	1029.683	1013.580	991.903	983.851
19.5	1038.664	1024.109	1007.077	984.780	976.109
20.0	1033.090	1018.225	1000.264	977.348	968.367
20.5	1027.516	1012.341	993.451	969.606	960.315
21.0	1021.632	1006.457	986.638	961.864	951.954
21.5	1016.057	999.954	979.515	953.812	943.902
22.0	1009.864	993.761	972.083	945.760	935.851
22.5	1003.670	987.257	964.651	937.709	927.180
23.0	997.786	981.064	957.528	929.038	918.509
23.5	991.593	974.251	949.786	920.676	909.838
24.0	985.090	967.438	942.044	912.315	900.857
24.5	978.586	960.625	933.992	903.644	892.186
25.0	971.773	953.812	926.251	894.973	883.205
25.5	964.651	946.380	918.199	885.992	873.605
26.0	957.838	939.257	909.528	877.012	864.315
26.5	951.025	931.825	901.476	868.031	854.715

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CANDELA TABULATION - (Cont.)

27.0	943.593	924.392	892.805	858.740	845.424
27.5	935.851	916.650	884.444	849.450	836.134
28.0	928.728	909.218	875.773	839.850	826.224
28.5	921.296	901.476	867.411	830.560	816.624
29.0	913.863	893.734	858.740	820.960	807.334
29.5	905.192	885.683	849.760	811.360	797.424
30.0	896.831	877.321	840.779	801.759	787.824
30.5	889.089	869.270	832.108	792.469	777.914
31.0	881.037	861.218	823.127	782.869	768.004
31.5	873.295	852.857	814.147	772.959	758.095
32.0	864.624	844.495	804.856	763.359	748.495
32.5	856.573	835.824	795.876	753.450	738.275
33.0	848.211	827.463	786.276	743.849	728.675
33.5	839.850	818.792	777.604	733.940	718.146
34.0	831.798	810.121	768.004	724.340	708.546
34.5	823.437	801.759	758.714	714.740	698.946
35.0	815.076	792.779	749.114	704.830	689.036
35.5	806.405	783.798	739.824	695.540	678.817
36.0	798.353	775.127	730.533	685.630	669.526
36.5	789.682	766.146	720.933	676.030	659.617
37.0	780.701	757.166	711.953	666.430	650.326
37.5	772.030	748.185	702.662	656.520	640.417
38.0	763.359	738.895	693.062	646.920	630.507
38.5	754.379	730.224	683.772	637.320	620.907
39.0	745.088	720.933	674.481	627.720	611.307
39.5	736.417	711.953	664.881	618.120	601.707
40.0	727.436	702.662	655.591	609.139	592.416
40.5	717.836	693.681	645.991	599.539	582.507
41.0	708.856	684.391	636.700	589.939	572.287
41.5	699.875	675.410	627.410	580.339	562.687
42.0	690.275	666.120	618.120	570.429	552.777
42.5	680.365	656.520	608.829	561.139	543.177
43.0	671.075	647.230	599.539	550.919	533.577
43.5	662.094	638.249	590.249	541.319	524.597
44.0	652.184	628.958	580.958	532.339	515.306
44.5	642.894	619.668	570.739	523.048	506.016
45.0	633.294	610.687	561.448	514.067	497.035
45.5	623.694	601.087	551.848	505.087	487.745
46.0	614.404	592.107	542.868	496.106	478.764
46.5	605.113	582.816	533.887	487.435	470.093
47.0	595.513	573.526	524.906	478.454	461.112
47.5	585.913	563.616	516.235	469.783	452.441
48.0	576.623	554.016	507.564	461.112	443.461
48.5	567.023	545.035	498.584	452.441	434.790
49.0	556.803	535.745	489.913	443.770	426.428
49.5	547.823	527.074	481.551	435.099	418.067
50.0	538.532	518.093	472.880	426.738	409.706
50.5	529.861	509.113	464.209	418.377	401.344
51.0	520.571	500.442	455.538	409.706	392.983
51.5	511.590	491.461	447.177	401.654	384.931
52.0	502.919	482.480	438.506	393.293	376.880
52.5	493.938	473.809	430.144	385.241	369.138
53.0	484.958	465.138	421.783	377.189	361.396
53.5	475.977	456.467	413.731	369.138	353.344
54.0	467.306	447.796	405.060	361.396	345.602
54.5	458.325	439.435	397.009	353.344	337.860

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CANDELA TABULATION - (Cont.)

55.0	449.654	430.764	388.647	345.912	330.118
55.5	440.674	422.402	380.596	337.860	322.686
56.0	431.693	413.731	372.544	330.428	315.253
56.5	423.022	405.370	364.492	322.995	308.286
57.0	414.041	397.009	356.131	315.563	300.946
57.5	405.370	388.957	348.389	308.131	293.793
58.0	396.699	380.596	340.337	300.822	286.763
58.5	388.028	372.234	332.286	293.607	279.733
59.0	379.357	364.183	324.544	286.515	272.765
59.5	370.686	356.131	316.802	279.424	265.983
60.0	362.325	348.079	308.998	272.301	259.232
60.5	353.963	340.028	301.442	265.364	252.481
61.0	345.602	332.286	293.731	258.489	245.854
61.5	337.550	324.234	286.236	251.552	239.320
62.0	329.189	316.182	278.680	244.925	233.003
62.5	321.137	308.533	271.372	238.267	226.561
63.0	313.086	300.884	264.094	231.640	220.244
63.5	305.189	293.235	256.817	224.951	213.864
64.0	297.509	285.648	249.725	218.510	207.733
64.5	289.581	278.061	242.572	212.099	201.632
65.0	281.901	270.629	235.542	205.689	195.686
65.5	274.283	263.103	228.450	199.402	189.617
66.0	266.696	255.640	221.606	193.271	183.671
66.5	259.171	248.270	214.732	187.046	177.663
67.0	251.552	240.961	207.950	180.884	171.903
67.5	243.934	233.653	201.261	174.938	166.143
68.0	236.626	226.468	194.510	168.961	160.321
68.5	229.163	219.346	187.913	163.077	154.716
69.0	221.761	212.223	181.379	157.224	149.142
69.5	214.577	205.132	175.000	151.433	143.722
70.0	207.299	198.071	168.496	145.766	138.241
70.5	200.115	191.134	162.117	140.130	132.945
71.0	192.930	184.259	155.923	134.649	127.588
71.5	185.900	177.322	149.730	129.198	122.416
72.0	178.902	170.571	143.598	123.779	117.245
72.5	171.934	163.882	137.498	118.483	112.228
73.0	165.152	157.286	131.521	113.157	107.304
73.5	158.370	150.597	125.637	108.078	102.380
74.0	151.712	144.032	119.815	102.968	97.487
74.5	145.116	137.590	114.055	98.013	92.842
75.0	138.612	131.242	108.326	93.028	88.228
75.5	132.233	125.017	102.783	88.290	83.644
76.0	126.008	118.855	97.363	83.551	79.216
76.5	119.753	112.692	91.944	78.999	74.880
77.0	113.838	106.684	86.741	74.447	70.576
77.5	107.830	100.770	81.570	70.049	66.364
78.0	101.853	94.948	76.460	65.745	62.369
78.5	95.939	89.188	71.567	61.564	58.313
79.0	90.302	83.644	66.767	57.445	54.411
79.5	84.759	78.008	62.091	53.327	50.602
80.0	79.247	72.620	57.445	49.456	46.916
80.5	73.766	67.262	52.924	45.616	43.262
81.0	68.470	62.060	48.589	41.962	39.794
81.5	63.236	57.012	44.346	38.338	36.356
82.0	58.189	51.902	40.320	34.808	32.950
82.5	53.265	47.071	36.356	31.371	29.698

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CANDELA TABULATION - (Cont.)

83.0	48.403	42.302	32.516	28.026	26.385
83.5	43.603	37.750	28.893	24.743	23.226
84.0	39.020	33.291	25.363	21.523	20.160
84.5	34.498	29.079	21.987	18.457	17.218
85.0	30.225	25.022	18.736	15.577	14.338
85.5	26.075	21.120	15.639	12.635	11.241
86.0	22.173	17.404	12.852	9.600	7.835
86.5	18.302	14.059	10.157	6.070	4.831
87.0	14.741	10.901	7.246	3.840	3.437
87.5	11.427	8.114	4.181	2.942	2.694
88.0	8.361	5.543	2.632	2.261	2.106
88.5	5.760	3.097	1.951	1.641	1.455
89.0	3.623	1.548	1.301	1.053	0.929
89.5	1.796	0.836	0.712	0.526	0.465
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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PHOTOMETRIC FILENAME : LRX4X-2-L15-930-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-2-L15-930-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-L15-930-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	405.02	N.A.	16.50
0-30	830.22	N.A.	33.70
0-40	1298.61	N.A.	52.80
0-60	2081.08	N.A.	84.50
0-80	2436.15	N.A.	99.00
0-90	2461.64	N.A.	100.00
10-90	2354.56	N.A.	95.60
20-40	893.59	N.A.	36.30
20-50	1327.94	N.A.	53.90
40-70	1018.41	N.A.	41.40
60-80	355.07	N.A.	14.40
70-80	119.13	N.A.	4.80
80-90	25.49	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	2461.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.09
10-20	297.94
20-30	425.20
30-40	468.39
40-50	434.35
50-60	348.12
60-70	235.94
70-80	119.13
80-90	25.49
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-L15-930-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-L15-930-DMA-DIM-UNV_.IES

UGR TABLE - CORRECTED

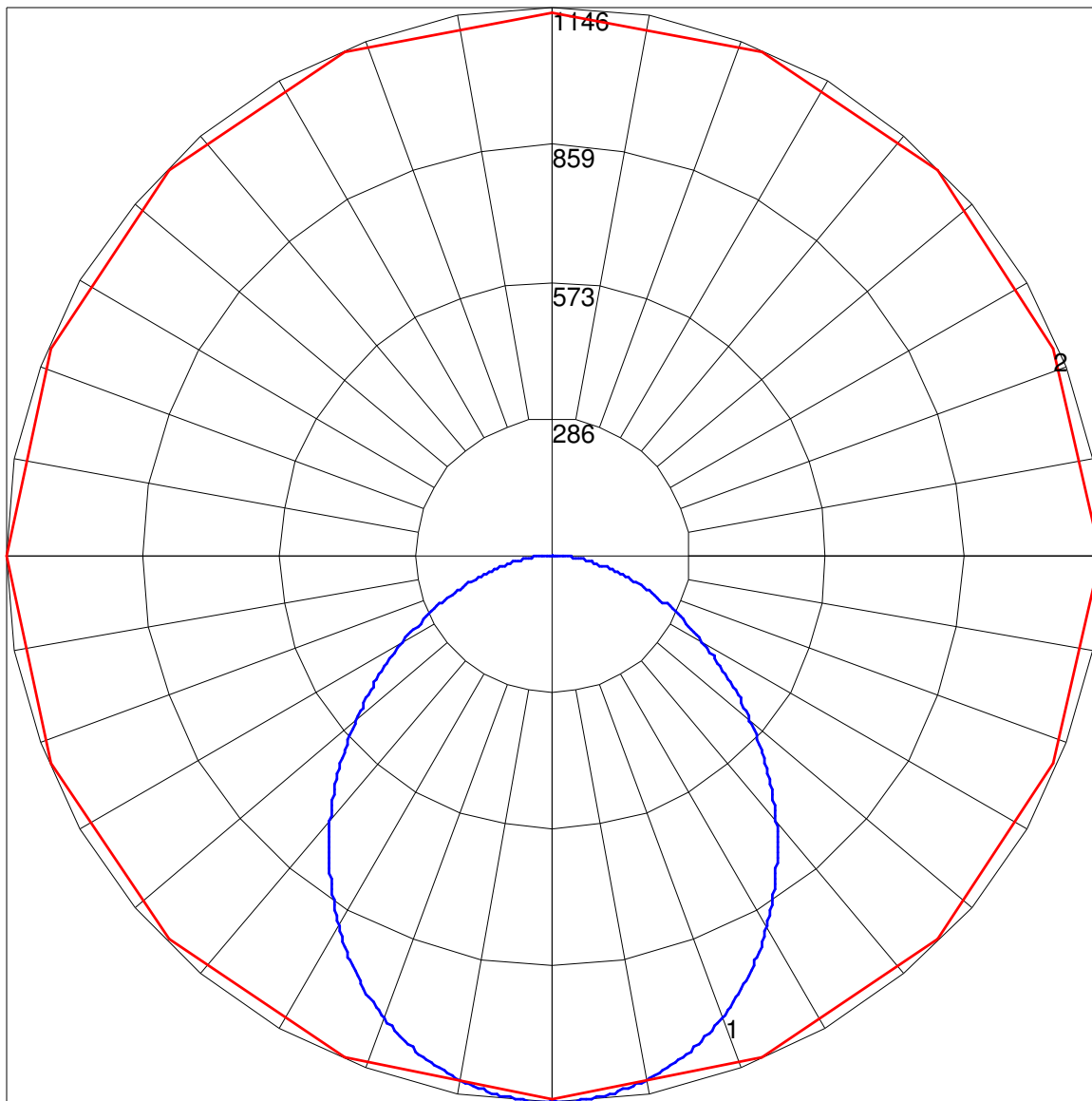
Reflectances

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	20.0	21.6	20.4	21.9	22.2	18.3	19.8	18.7	20.2	20.5
	3H	21.6	23.0	22.0	23.3	23.7	19.6	21.0	20.0	21.4	21.7
	4H	22.2	23.5	22.6	23.8	24.2	20.1	21.4	20.5	21.7	22.1
	6H	22.6	23.7	23.0	24.1	24.5	20.3	21.5	20.7	21.9	22.3
	8H	22.6	23.8	23.1	24.2	24.6	20.4	21.5	20.8	21.9	22.3
	12H	22.7	23.8	23.1	24.2	24.6	20.4	21.5	20.8	21.9	22.3
4H	2H	20.4	21.7	20.8	22.1	22.4	19.0	20.3	19.4	20.6	21.0
	3H	22.2	23.3	22.6	23.7	24.1	20.5	21.6	20.9	22.0	22.4
	4H	22.9	23.9	23.3	24.3	24.7	21.0	22.0	21.5	22.4	22.9
	6H	23.4	24.2	23.8	24.7	25.1	21.4	22.2	21.8	22.7	23.1
	8H	23.5	24.3	24.0	24.8	25.2	21.5	22.3	21.9	22.7	23.2
	12H	23.6	24.3	24.1	24.8	25.3	21.5	22.2	22.0	22.7	23.2
8H	4H	23.0	23.8	23.5	24.2	24.7	21.3	22.1	21.8	22.6	23.0
	6H	23.6	24.3	24.1	24.7	25.2	21.8	22.4	22.3	22.9	23.4
	8H	23.8	24.4	24.3	24.9	25.4	21.9	22.5	22.4	23.0	23.5
	12H	23.9	24.5	24.5	25.0	25.5	22.0	22.5	22.5	23.0	23.5
12H	4H	23.0	23.7	23.5	24.2	24.7	21.4	22.1	21.9	22.6	23.0
	6H	23.6	24.2	24.1	24.7	25.2	21.8	22.4	22.3	22.9	23.4
	8H	23.8	24.4	24.3	24.8	25.4	22.0	22.5	22.5	23.0	23.5

Maximum UGR = 25.5

POLAR GRAPH



Maximum Candela = 1145.813 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.)