

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L12-835-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-L12-835-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	2410
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
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	11757	10423	9227
55	10291	8895	7555
65	8756	7316	6078
75	7031	5494	4475
85	4553	2822	2160

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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	1116.319	1116.319	1116.319	1116.319	1116.319
0.5	1121.776	1113.894	1116.622	1115.713	1115.106
1.0	1121.473	1113.590	1116.319	1115.410	1114.803
1.5	1121.170	1112.984	1116.016	1114.803	1114.197
2.0	1120.564	1112.681	1115.106	1113.590	1113.894
2.5	1120.260	1112.075	1114.500	1112.984	1112.681
3.0	1119.351	1111.165	1113.590	1111.468	1111.165
3.5	1118.745	1110.255	1112.378	1110.255	1109.649
4.0	1117.229	1109.043	1111.165	1108.740	1107.830
4.5	1116.622	1107.830	1109.649	1106.920	1105.708
5.0	1115.106	1106.617	1107.830	1105.101	1103.889
5.5	1114.500	1104.798	1106.011	1102.676	1101.160
6.0	1111.771	1103.282	1103.889	1100.250	1098.735
6.5	1110.255	1101.766	1101.463	1097.522	1095.703
7.0	1108.436	1099.644	1099.341	1094.793	1092.974
7.5	1106.617	1097.522	1096.612	1091.761	1089.639
8.0	1104.495	1095.096	1094.187	1088.426	1086.001
8.5	1102.373	1092.974	1091.458	1084.788	1082.363
9.0	1099.947	1090.549	1088.123	1081.150	1078.724
9.5	1097.219	1087.517	1085.091	1077.209	1074.480
10.0	1095.096	1084.788	1081.453	1073.570	1070.539
10.5	1091.761	1081.756	1078.118	1069.629	1066.294
11.0	1088.729	1078.724	1074.177	1065.081	1062.049
11.5	1085.698	1075.389	1070.235	1060.533	1056.895
12.0	1082.363	1072.054	1066.294	1055.683	1052.044
12.5	1078.421	1068.113	1062.049	1050.832	1046.587
13.0	1075.086	1064.475	1057.502	1045.678	1041.433
13.5	1071.751	1060.533	1052.954	1040.523	1036.279
14.0	1067.507	1056.592	1048.406	1034.763	1030.215
14.5	1063.868	1052.044	1043.252	1029.306	1024.455
15.0	1059.624	1047.800	1038.098	1023.545	1018.391
15.5	1055.379	1043.252	1032.944	1017.482	1012.327
16.0	1050.832	1038.704	1027.487	1011.418	1005.657
16.5	1046.587	1034.157	1022.029	1005.051	999.291
17.0	1041.736	1029.002	1016.269	998.684	992.317
17.5	1037.188	1023.848	1010.811	992.014	985.344
18.0	1032.034	1018.997	1004.748	985.344	978.371
18.5	1027.487	1013.540	998.684	978.371	970.791
19.0	1022.029	1008.083	992.317	971.095	963.212
19.5	1016.875	1002.626	985.950	964.121	955.632
20.0	1011.418	996.865	979.280	956.845	948.053
20.5	1005.961	991.105	972.610	949.265	940.170
21.0	1000.200	985.344	965.940	941.686	931.984
21.5	994.743	978.977	958.967	933.803	924.101
22.0	988.679	972.914	951.691	925.920	916.218
22.5	982.615	966.547	944.414	918.038	907.729
23.0	976.855	960.483	937.441	909.548	899.240
23.5	970.791	953.813	929.862	901.362	890.751
24.0	964.425	947.143	922.282	893.177	881.959
24.5	958.058	940.473	914.399	884.687	873.470
25.0	951.388	933.803	906.820	876.198	864.677
25.5	944.414	926.527	898.937	867.406	855.279
26.0	937.744	919.553	890.448	858.614	846.183
26.5	931.074	912.277	882.565	849.821	836.785

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CANDELA TABULATION - (Cont.)

27.0	923.798	905.001	874.076	840.726	827.689
27.5	916.218	897.421	865.890	831.630	818.594
28.0	909.245	890.145	857.401	822.232	808.892
28.5	901.969	882.565	849.215	813.136	799.493
29.0	894.692	874.986	840.726	803.738	790.398
29.5	886.203	867.103	831.934	794.339	780.696
30.0	878.017	858.917	823.141	784.940	771.297
30.5	870.438	851.034	814.652	775.845	761.595
31.0	862.555	843.151	805.860	766.446	751.893
31.5	854.976	834.965	797.068	756.744	742.192
32.0	846.486	826.780	787.972	747.346	732.793
32.5	838.604	818.290	779.180	737.644	722.788
33.0	830.418	810.104	769.781	728.245	713.389
33.5	822.232	801.615	761.292	718.543	703.081
34.0	814.349	793.126	751.893	709.145	693.682
34.5	806.163	784.940	742.798	699.746	684.284
35.0	797.977	776.148	733.399	690.044	674.582
35.5	789.488	767.356	724.304	680.949	664.577
36.0	781.605	758.867	715.208	671.247	655.481
36.5	773.116	750.074	705.810	661.848	645.779
37.0	764.324	741.282	697.017	652.449	636.684
37.5	755.835	732.490	687.922	642.748	626.982
38.0	747.346	723.394	678.523	633.349	617.280
38.5	738.553	714.905	669.428	623.950	607.882
39.0	729.458	705.810	660.332	614.552	598.483
39.5	720.969	697.017	650.933	605.153	589.084
40.0	712.176	687.922	641.838	596.361	579.989
40.5	702.778	679.129	632.439	586.962	570.287
41.0	693.985	670.034	623.344	577.563	560.282
41.5	685.193	661.242	614.248	568.165	550.883
42.0	675.794	652.146	605.153	558.463	541.181
42.5	666.093	642.748	596.057	549.367	531.783
43.0	656.997	633.652	586.962	539.362	522.384
43.5	648.205	624.860	577.866	529.964	513.592
44.0	638.503	615.764	568.771	521.171	504.496
44.5	629.408	606.669	558.766	512.076	495.401
45.0	620.009	597.877	549.670	503.283	486.608
45.5	610.610	588.478	540.272	494.491	477.513
46.0	601.515	579.686	531.479	485.699	468.721
46.5	592.419	570.590	522.687	477.210	460.232
47.0	583.021	561.495	513.895	468.417	451.439
47.5	573.622	551.793	505.406	459.928	442.950
48.0	564.526	542.394	496.917	451.439	434.158
48.5	555.128	533.602	488.124	442.950	425.669
49.0	545.123	524.506	479.635	434.461	417.483
49.5	536.330	516.017	471.449	425.972	409.297
50.0	527.235	507.225	462.960	417.786	401.111
50.5	518.746	498.433	454.471	409.600	392.925
51.0	509.650	489.943	445.982	401.111	384.739
51.5	500.858	481.151	437.796	393.228	376.856
52.0	492.369	472.359	429.307	385.042	368.973
52.5	483.577	463.870	421.121	377.159	361.394
53.0	474.784	455.381	412.935	369.277	353.814
53.5	465.992	446.891	405.052	361.394	345.932
54.0	457.503	438.402	396.563	353.814	338.352
54.5	448.711	430.216	388.680	345.932	330.772

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CANDELA TABULATION - (Cont.)

55.0	440.221	421.727	380.494	338.655	323.193
55.5	431.429	413.541	372.612	330.772	315.916
56.0	422.637	405.052	364.729	323.496	308.640
56.5	414.148	396.866	356.846	316.220	301.818
57.0	405.355	388.680	348.660	308.943	294.633
57.5	396.866	380.798	341.081	301.667	287.630
58.0	388.377	372.612	333.198	294.512	280.747
58.5	379.888	364.426	325.315	287.448	273.865
59.0	371.399	356.543	317.736	280.505	267.043
59.5	362.910	348.660	310.156	273.562	260.404
60.0	354.724	340.777	302.516	266.589	253.794
60.5	346.538	332.895	295.118	259.797	247.185
61.0	338.352	325.315	287.569	253.067	240.697
61.5	330.469	317.432	280.232	246.275	234.300
62.0	322.283	309.550	272.834	239.787	228.115
62.5	314.401	302.061	265.679	233.269	221.809
63.0	306.518	294.572	258.554	226.781	215.624
63.5	298.787	287.084	251.430	220.232	209.378
64.0	291.268	279.656	244.487	213.926	203.375
64.5	283.506	272.228	237.483	207.650	197.402
65.0	275.987	264.951	230.601	201.374	191.581
65.5	268.529	257.584	223.658	195.219	185.639
66.0	261.101	250.277	216.958	189.216	179.818
66.5	253.734	243.062	210.227	183.122	173.936
67.0	246.275	235.907	203.587	177.089	168.297
67.5	238.817	228.751	197.039	171.268	162.658
68.0	231.662	221.718	190.429	165.417	156.958
68.5	224.355	214.744	183.971	159.656	151.470
69.0	217.109	207.771	177.574	153.926	146.013
69.5	210.075	200.828	171.329	148.256	140.707
70.0	202.951	193.916	164.962	142.708	135.341
70.5	195.917	187.124	158.716	137.190	130.156
71.0	188.883	180.394	152.653	131.824	124.911
71.5	182.001	173.602	146.589	126.488	119.848
72.0	175.149	166.993	140.586	121.182	114.785
72.5	168.327	160.444	134.613	115.998	109.873
73.0	161.687	153.987	128.762	110.783	105.053
73.5	155.048	147.438	123.001	105.811	100.232
74.0	148.529	141.010	117.301	100.808	95.442
74.5	142.071	134.704	111.662	95.957	90.894
75.0	135.705	128.489	106.053	91.076	86.377
75.5	129.459	122.395	100.626	86.437	81.890
76.0	123.365	116.362	95.321	81.799	77.554
76.5	117.241	110.328	90.015	77.342	73.310
77.0	111.450	104.446	84.922	72.885	69.095
77.5	105.568	98.656	79.858	68.580	64.972
78.0	99.717	92.956	74.856	64.366	61.061
78.5	93.926	87.317	70.066	60.273	57.089
79.0	88.408	81.890	65.366	56.240	53.269
79.5	82.981	76.372	60.788	52.208	49.540
80.0	77.584	71.096	56.240	48.418	45.932
80.5	72.218	65.851	51.814	44.659	42.355
81.0	67.034	60.758	47.569	41.081	38.959
81.5	61.910	55.816	43.416	37.534	35.594
82.0	56.968	50.813	39.474	34.078	32.259
82.5	52.147	46.084	35.594	30.712	29.075

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CANDELA TABULATION - (Cont.)

83.0	47.387	41.415	31.834	27.438	25.831
83.5	42.688	36.958	28.287	24.224	22.739
84.0	38.201	32.592	24.831	21.071	19.737
84.5	33.775	28.469	21.526	18.070	16.857
85.0	29.591	24.497	18.343	15.250	14.037
85.5	25.528	20.677	15.311	12.370	11.006
86.0	21.708	17.039	12.582	9.399	7.671
86.5	17.918	13.764	9.944	5.942	4.730
87.0	14.432	10.672	7.094	3.759	3.365
87.5	11.187	7.943	4.093	2.880	2.638
88.0	8.186	5.427	2.577	2.213	2.062
88.5	5.639	3.032	1.910	1.607	1.425
89.0	3.547	1.516	1.273	1.031	0.910
89.5	1.758	0.819	0.697	0.515	0.455
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L12-835-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
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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-L12-835-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	396.53	N.A.	16.50
0-30	812.81	N.A.	33.70
0-40	1271.37	N.A.	52.80
0-60	2037.42	N.A.	84.50
0-80	2385.04	N.A.	99.00
0-90	2410.00	N.A.	100.00
10-90	2305.16	N.A.	95.60
20-40	874.84	N.A.	36.30
20-50	1300.08	N.A.	53.90
40-70	997.04	N.A.	41.40
60-80	347.62	N.A.	14.40
70-80	116.63	N.A.	4.80
80-90	24.96	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	2410.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	104.84
10-20	291.69
20-30	416.28
30-40	458.56
40-50	425.24
50-60	340.81
60-70	230.99
70-80	116.63
80-90	24.96
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-L12-835-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-L12-835-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	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

UGR Viewed Endwise

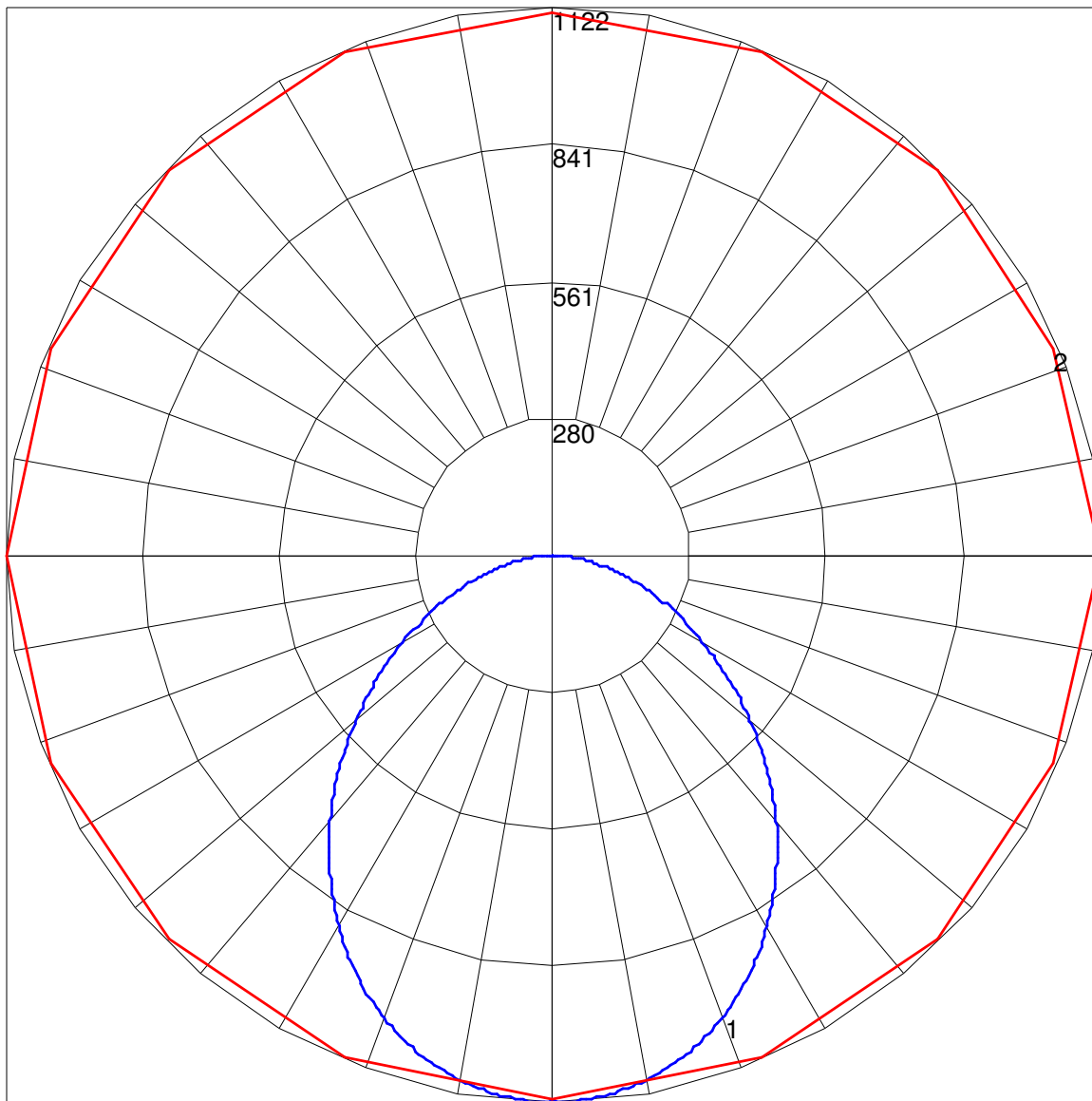
4H	2H	20.4	21.7	20.8	22.1	22.4	19.0	20.3	19.4	20.6	21.0
	3H	22.2	23.3	22.6	23.7	24.1	20.5	21.6	20.9	22.0	22.4
	4H	22.9	23.9	23.3	24.3	24.7	21.0	22.0	21.5	22.4	22.9
	6H	23.4	24.2	23.8	24.7	25.1	21.4	22.2	21.8	22.7	23.1
	8H	23.5	24.3	24.0	24.8	25.2	21.5	22.3	21.9	22.7	23.2
	12H	23.6	24.3	24.1	24.8	25.3	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 = 1121.776 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.)