

IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX4X-2-L8-830-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-L8-830-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	1622
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
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	7911	7014	6209
55	6925	5985	5084
65	5892	4923	4090
75	4731	3697	3011
85	3063	1899	1453

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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	751.139	751.139	751.139	751.139	751.139
0.5	754.811	749.507	751.343	750.731	750.323
1.0	754.607	749.303	751.139	750.527	750.119
1.5	754.403	748.895	750.935	750.119	749.711
2.0	753.995	748.691	750.323	749.303	749.507
2.5	753.791	748.283	749.915	748.895	748.691
3.0	753.179	747.671	749.303	747.875	747.671
3.5	752.771	747.059	748.487	747.059	746.651
4.0	751.751	746.243	747.671	746.039	745.427
4.5	751.343	745.427	746.651	744.815	743.999
5.0	750.323	744.611	745.427	743.591	742.775
5.5	749.915	743.387	744.203	741.959	740.939
6.0	748.079	742.367	742.775	740.327	739.307
6.5	747.059	741.347	741.143	738.491	737.267
7.0	745.835	739.919	739.715	736.655	735.431
7.5	744.611	738.491	737.879	734.615	733.187
8.0	743.183	736.859	736.247	732.371	730.739
8.5	741.755	735.431	734.411	729.923	728.291
9.0	740.123	733.799	732.167	727.475	725.843
9.5	738.287	731.759	730.127	724.823	722.987
10.0	736.859	729.923	727.679	722.375	720.335
10.5	734.615	727.883	725.435	719.723	717.479
11.0	732.575	725.843	722.783	716.663	714.623
11.5	730.535	723.599	720.131	713.603	711.154
12.0	728.291	721.355	717.479	710.338	707.890
12.5	725.639	718.703	714.623	707.074	704.218
13.0	723.395	716.255	711.562	703.606	700.750
13.5	721.151	713.603	708.502	700.138	697.282
14.0	718.295	710.950	705.442	696.262	693.202
14.5	715.847	707.890	701.974	692.590	689.326
15.0	712.991	705.034	698.506	688.714	685.246
15.5	710.134	701.974	695.038	684.634	681.166
16.0	707.074	698.914	691.366	680.554	676.678
16.5	704.218	695.854	687.694	676.270	672.394
17.0	700.954	692.386	683.818	671.986	667.702
17.5	697.894	688.918	680.146	667.498	663.010
18.0	694.426	685.654	676.066	663.010	658.318
18.5	691.366	681.982	671.986	658.318	653.218
19.0	687.694	678.310	667.702	653.422	648.118
19.5	684.226	674.638	663.418	648.730	643.017
20.0	680.554	670.762	658.930	643.833	637.917
20.5	676.882	666.886	654.442	638.733	632.613
21.0	673.006	663.010	649.954	633.633	627.105
21.5	669.334	658.726	645.262	628.329	621.801
22.0	665.254	654.646	640.365	623.025	616.497
22.5	661.174	650.362	635.469	617.721	610.785
23.0	657.298	646.282	630.777	612.009	605.073
23.5	653.218	641.793	625.677	606.501	599.361
24.0	648.934	637.305	620.577	600.993	593.445
24.5	644.649	632.817	615.273	595.281	587.733
25.0	640.161	628.329	610.173	589.569	581.817
25.5	635.469	623.433	604.869	583.653	575.492
26.0	630.981	618.741	599.157	577.737	569.372
26.5	626.493	613.845	593.853	571.820	563.048

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LRX4X-2-L8-830-DMA-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	621.597	608.949	588.141	565.700	556.928
27.5	616.497	603.849	582.633	559.580	550.808
28.0	611.805	598.953	576.921	553.256	544.280
28.5	606.909	593.853	571.412	547.136	537.956
29.0	602.013	588.753	565.700	540.812	531.836
29.5	596.301	583.449	559.784	534.488	525.308
30.0	590.793	577.941	553.868	528.164	518.984
30.5	585.693	572.636	548.156	522.044	512.456
31.0	580.389	567.332	542.240	515.720	505.927
31.5	575.288	561.824	536.324	509.192	499.399
32.0	569.576	556.316	530.204	502.867	493.075
32.5	564.272	550.604	524.288	496.339	486.343
33.0	558.764	545.096	517.964	490.015	480.019
33.5	553.256	539.384	512.252	483.487	473.083
34.0	547.952	533.672	505.927	477.163	466.759
34.5	542.444	528.164	499.807	470.839	460.435
35.0	536.936	522.248	493.483	464.311	453.907
35.5	531.224	516.332	487.363	458.191	447.175
36.0	525.920	510.620	481.243	451.663	441.054
36.5	520.208	504.703	474.919	445.339	434.526
37.0	514.292	498.787	469.003	439.014	428.406
37.5	508.579	492.871	462.883	432.486	421.878
38.0	502.867	486.751	456.559	426.162	415.350
38.5	496.951	481.039	450.439	419.838	409.026
39.0	490.831	474.919	444.319	413.514	402.702
39.5	485.119	469.003	437.994	407.190	396.378
40.0	479.203	462.883	431.874	401.274	390.258
40.5	472.879	456.967	425.550	394.950	383.730
41.0	466.963	450.847	419.430	388.626	376.998
41.5	461.047	444.931	413.310	382.302	370.673
42.0	454.723	438.810	407.190	375.774	364.145
42.5	448.195	432.486	401.070	369.653	357.821
43.0	442.075	426.366	394.950	362.921	351.497
43.5	436.158	420.450	388.830	356.597	345.581
44.0	429.630	414.330	382.710	350.681	339.461
44.5	423.510	408.210	375.978	344.561	333.341
45.0	417.186	402.294	369.857	338.645	327.425
45.5	410.862	395.970	363.533	332.729	321.305
46.0	404.742	390.054	357.617	326.813	315.389
46.5	398.622	383.934	351.701	321.101	309.677
47.0	392.298	377.814	345.785	315.185	303.760
47.5	385.974	371.285	340.073	309.473	298.048
48.0	379.854	364.961	334.361	303.760	292.132
48.5	373.530	359.045	328.445	298.048	286.420
49.0	366.797	352.925	322.733	292.336	280.912
49.5	360.881	347.213	317.225	286.624	275.404
50.0	354.761	341.297	311.513	281.116	269.896
50.5	349.049	335.381	305.801	275.608	264.388
51.0	342.929	329.669	300.088	269.896	258.880
51.5	337.013	323.753	294.580	264.592	253.576
52.0	331.301	317.837	288.868	259.084	248.272
52.5	325.385	312.125	283.360	253.780	243.172
53.0	319.469	306.413	277.852	248.476	238.072
53.5	313.553	300.700	272.548	243.172	232.767
54.0	307.841	294.988	266.836	238.072	227.667
54.5	301.924	289.480	261.532	232.767	222.567

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CANDELA TABULATION - (Cont.)

55.0	296.212	283.768	256.024	227.871	217.467
55.5	290.296	278.260	250.720	222.567	212.571
56.0	284.380	272.548	245.416	217.671	207.675
56.5	278.668	267.040	240.112	212.775	203.085
57.0	272.752	261.532	234.603	207.879	198.250
57.5	267.040	256.228	229.503	202.983	193.538
58.0	261.328	250.720	224.199	198.169	188.907
58.5	255.616	245.212	218.895	193.415	184.276
59.0	249.904	239.908	213.795	188.744	179.686
59.5	244.192	234.603	208.695	184.072	175.218
60.0	238.684	229.299	203.554	179.380	170.771
60.5	233.175	223.995	198.577	174.810	166.324
61.0	227.667	218.895	193.497	170.281	161.958
61.5	222.363	213.591	188.560	165.712	157.654
62.0	216.855	208.287	183.582	161.346	153.492
62.5	211.551	203.248	178.768	156.960	149.249
63.0	206.247	198.209	173.974	152.594	145.087
63.5	201.045	193.170	169.180	148.188	140.884
64.0	195.986	188.172	164.508	143.945	136.845
64.5	190.763	183.174	159.796	139.722	132.826
65.0	185.704	178.278	155.165	135.499	128.909
65.5	180.685	173.321	150.493	131.358	124.911
66.0	175.687	168.404	145.985	127.318	120.994
66.5	170.730	163.549	141.456	123.218	117.037
67.0	165.712	158.735	136.988	119.158	113.242
67.5	160.693	153.920	132.582	115.241	109.448
68.0	155.879	149.187	128.134	111.304	105.612
68.5	150.962	144.495	123.789	107.428	101.920
69.0	146.087	139.803	119.485	103.572	98.248
69.5	141.354	135.132	115.282	99.757	94.678
70.0	136.560	130.480	110.998	96.024	91.067
70.5	131.827	125.911	106.796	92.311	87.578
71.0	127.094	121.382	102.716	88.701	84.049
71.5	122.463	116.812	98.635	85.110	80.642
72.0	117.853	112.365	94.596	81.540	77.236
72.5	113.262	107.958	90.577	78.052	73.931
73.0	108.795	103.613	86.640	74.543	70.687
73.5	104.327	99.207	82.764	71.197	67.443
74.0	99.941	94.882	78.929	67.831	64.220
74.5	95.596	90.639	75.134	64.567	61.160
75.0	91.312	86.456	71.360	61.283	58.120
75.5	87.109	82.356	67.709	58.161	55.101
76.0	83.009	78.296	64.139	55.040	52.184
76.5	78.888	74.237	60.568	52.041	49.328
77.0	74.992	70.279	57.141	49.042	46.492
77.5	71.034	66.383	53.734	46.145	43.718
78.0	67.097	62.547	50.368	43.310	41.086
78.5	63.200	58.753	47.145	40.556	38.414
79.0	59.487	55.101	43.983	37.843	35.843
79.5	55.836	51.388	40.903	35.129	33.334
80.0	52.204	47.839	37.843	32.579	30.906
80.5	48.594	44.309	34.864	30.050	28.499
81.0	45.105	40.882	32.008	27.642	26.214
81.5	41.657	37.557	29.213	25.256	23.950
82.0	38.332	34.191	26.561	22.930	21.706
82.5	35.089	31.008	23.950	20.666	19.564

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CANDELA TABULATION - (Cont.)

83.0	31.886	27.867	21.420	18.462	17.381
83.5	28.724	24.868	19.033	16.300	15.300
84.0	25.704	21.930	16.708	14.178	13.281
84.5	22.726	19.156	14.484	12.159	11.343
85.0	19.911	16.483	12.342	10.261	9.445
85.5	17.177	13.913	10.302	8.323	7.405
86.0	14.607	11.465	8.466	6.324	5.161
86.5	12.057	9.262	6.691	3.998	3.182
87.0	9.711	7.181	4.774	2.530	2.264
87.5	7.528	5.345	2.754	1.938	1.775
88.0	5.508	3.652	1.734	1.489	1.387
88.5	3.794	2.040	1.285	1.081	0.959
89.0	2.387	1.020	0.857	0.694	0.612
89.5	1.183	0.551	0.469	0.347	0.306
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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PHOTOMETRIC FILENAME : LRX4X-2-L8-830-DMA-DIM-UNV_.IES

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-L8-830-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-L8-830-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-L8-830-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	266.81	N.A.	16.50
0-30	546.92	N.A.	33.70
0-40	855.47	N.A.	52.80
0-60	1370.92	N.A.	84.50
0-80	1604.83	N.A.	99.00
0-90	1621.62	N.A.	100.00
10-90	1551.08	N.A.	95.60
20-40	588.66	N.A.	36.30
20-50	874.79	N.A.	53.90
40-70	670.88	N.A.	41.40
60-80	233.90	N.A.	14.40
70-80	78.48	N.A.	4.80
80-90	16.79	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	1621.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	70.54
10-20	196.27
20-30	280.10
30-40	308.55
40-50	286.13
50-60	229.32
60-70	155.43
70-80	78.48
80-90	16.79
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-L8-830-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	55	51	60	54	50	48
6	73	60	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-L8-830-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

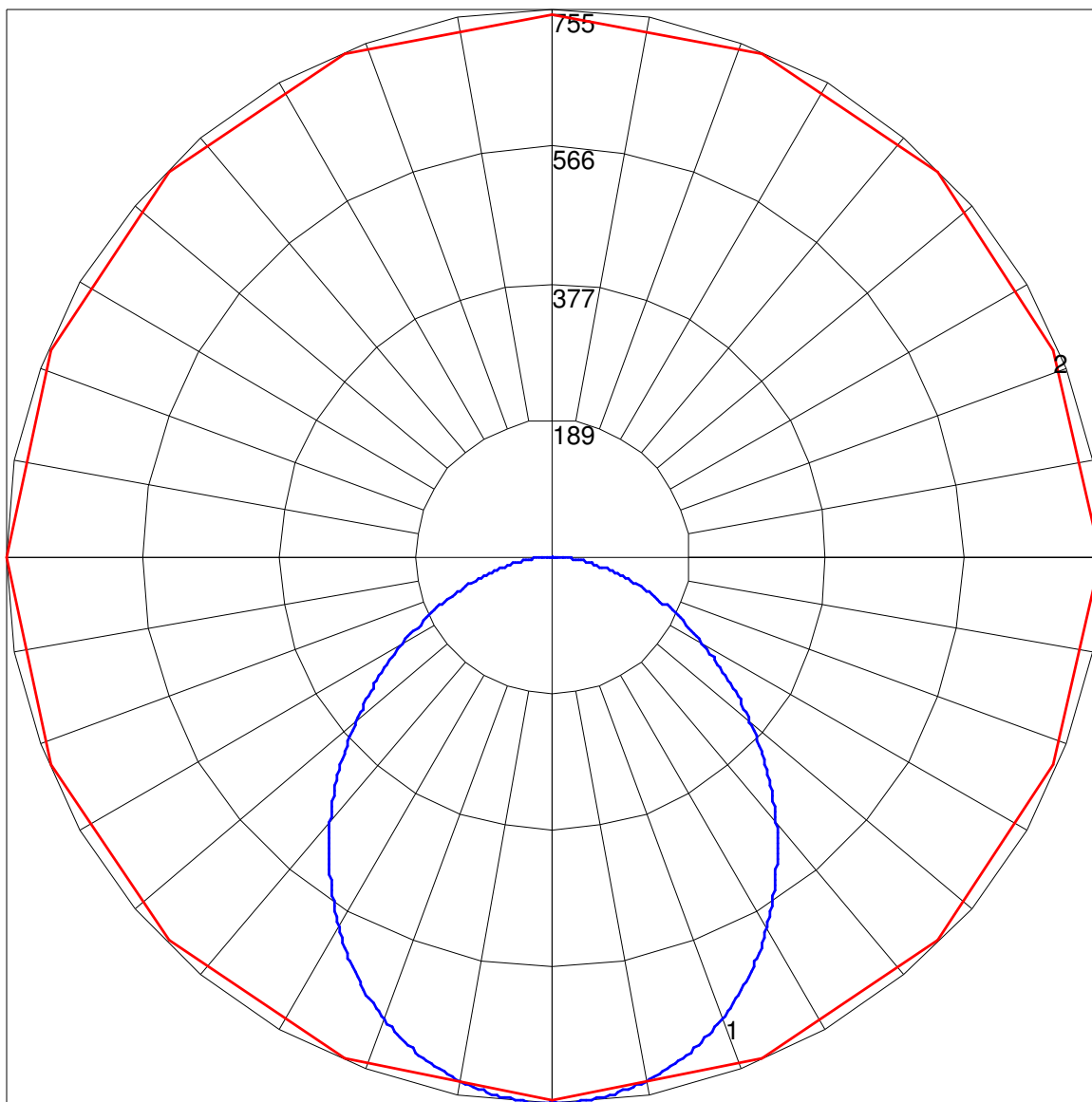
X=2H	Y=2H	18.6	20.2	19.0	20.5	20.8	16.9	18.4	17.3	18.8	19.1
	3H	20.2	21.6	20.6	21.9	22.3	18.2	19.6	18.6	20.0	20.3
	4H	20.8	22.1	21.2	22.4	22.8	18.7	20.0	19.1	20.3	20.7
	6H	21.1	22.3	21.6	22.7	23.1	18.9	20.1	19.3	20.5	20.9
	8H	21.2	22.4	21.7	22.8	23.2	19.0	20.1	19.4	20.5	20.9
	12H	21.3	22.4	21.7	22.8	23.2	19.0	20.1	19.4	20.5	20.9

UGR Viewed Endwise

4H	2H	19.0	20.3	19.4	20.6	21.0	17.6	18.9	18.0	19.2	19.6
	3H	20.8	21.9	21.2	22.3	22.7	19.1	20.2	19.5	20.6	21.0
	4H	21.5	22.5	21.9	22.9	23.3	19.6	20.6	20.1	21.0	21.5
	6H	22.0	22.8	22.4	23.3	23.7	20.0	20.8	20.4	21.3	21.7
	8H	22.1	22.9	22.6	23.4	23.8	20.1	20.9	20.5	21.3	21.8
	12H	22.2	22.9	22.7	23.4	23.9	20.1	20.8	20.6	21.3	21.8
8H	4H	21.6	22.4	22.1	22.8	23.3	19.9	20.7	20.4	21.2	21.6
	6H	22.2	22.9	22.7	23.3	23.8	20.4	21.0	20.9	21.5	22.0
	8H	22.4	23.0	22.9	23.5	24.0	20.5	21.1	21.0	21.6	22.1
	12H	22.5	23.1	23.1	23.6	24.1	20.6	21.1	21.1	21.6	22.1
12H	4H	21.6	22.3	22.1	22.8	23.3	20.0	20.7	20.5	21.2	21.6
	6H	22.2	22.8	22.7	23.3	23.8	20.4	21.0	20.9	21.5	22.0
	8H	22.4	23.0	22.9	23.4	24.0	20.6	21.1	21.1	21.6	22.1

Maximum UGR = 24.1

POLAR GRAPH



Maximum Candela = 754.811 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.)