



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-930-DMA-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 14853501.01  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 2023-07-25  
 [TESTDATE] 6/19/2023  
 [MANUFAC] H.E. WILLIAMS, INC. - CARTHAGE, MO.  
 [LUMCAT] LRX2-2-L10-930-DMA-DIM-UNV  
 [LUMINAIRE] 2 INCH WIDE, LINEAR RECESSED LED LUMINAIRE  
 [MORE] W/DIFFUSED MATTE ACRYLIC LENS  
 [LAMP] LED  
 [BALLAST] 0-10V DIMMING DRIVER  
 [\_SEARCH\_SOURCETYPE] LED  
 [\_SEARCH\_APPLICATION] INDOOR, CLASSROOM, COMMERCIAL, OFFICE  
 [\_SEARCH\_MOUNTING] RECESSED

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1652
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	18.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.06
Spacing Criterion (Diagonal)	1.22
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19288	16638	15176
55	17194	14620	13384
65	15158	12888	11864
75	12502	10972	10226
85	9431	8800	8478

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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	731.691	731.691	731.691	731.691	731.691
0.5	744.591	732.291	728.091	729.891	726.291
1.0	744.591	731.991	728.091	729.891	725.991
1.5	744.291	731.991	727.791	729.591	725.691
2.0	743.991	731.391	727.191	729.291	724.791
2.5	743.691	730.791	726.891	728.391	724.191
3.0	743.091	730.191	725.991	727.791	722.991
3.5	742.491	729.591	725.091	726.591	721.791
4.0	741.891	728.991	724.191	725.691	720.891
4.5	741.291	728.091	723.291	724.491	719.391
5.0	740.691	727.191	721.791	722.991	717.891
5.5	739.491	725.991	720.591	721.191	715.791
6.0	738.591	724.791	719.091	719.691	713.991
6.5	737.691	723.891	717.591	717.591	711.891
7.0	736.491	722.391	716.091	715.491	709.791
7.5	735.291	721.191	714.291	713.391	707.392
8.0	734.091	719.391	712.491	710.991	705.292
8.5	732.591	717.891	710.391	708.592	702.592
9.0	731.091	716.391	708.292	705.892	699.892
9.5	729.591	714.591	705.892	702.892	696.892
10.0	728.091	712.791	703.492	700.192	694.192
10.5	726.291	710.991	701.092	697.192	690.592
11.0	724.491	708.892	698.392	694.192	687.292
11.5	722.391	706.792	695.692	690.892	683.992
12.0	720.291	704.392	692.692	687.592	680.392
12.5	718.491	701.992	689.692	683.992	676.492
13.0	716.091	699.592	686.692	680.392	672.892
13.5	713.691	696.892	683.392	676.492	668.992
14.0	711.591	694.192	680.392	672.892	665.092
14.5	708.892	691.492	676.792	668.992	660.892
15.0	706.492	688.792	673.492	664.792	656.992
15.5	703.792	685.792	669.592	660.592	652.492
16.0	701.692	683.092	665.992	656.392	647.992
16.5	699.592	680.092	662.092	651.892	643.492
17.0	696.892	677.092	658.192	647.392	638.992
17.5	692.992	674.092	654.292	642.892	634.192
18.0	689.392	671.392	650.392	638.092	629.092
18.5	685.792	667.792	646.192	633.292	623.993
19.0	682.792	663.892	641.992	628.192	618.893
19.5	679.492	659.992	637.792	623.093	613.493
20.0	676.192	656.092	633.292	618.293	607.793
20.5	672.592	652.192	629.092	613.193	602.393
21.0	668.992	648.592	624.593	607.793	596.693
21.5	665.392	644.692	620.093	602.693	591.293
22.0	661.492	640.492	615.293	597.293	585.593
22.5	657.892	636.592	610.793	591.593	580.193
23.0	653.692	632.392	606.593	586.193	574.793
23.5	649.792	627.892	601.793	580.793	569.093
24.0	645.592	623.693	596.393	575.393	563.693
24.5	641.392	619.193	591.293	569.993	557.993
25.0	637.192	614.993	585.893	564.293	552.293
25.5	632.992	610.193	580.793	558.893	546.593
26.0	628.492	605.693	575.393	553.193	541.194
26.5	624.293	600.893	570.293	547.793	535.794

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**CANDELA TABULATION - (Cont.)**

27.0	619.493	596.393	564.893	542.394	530.094
27.5	614.993	591.293	559.793	536.994	524.094
28.0	610.493	586.493	554.393	531.594	518.694
28.5	605.993	581.693	548.993	525.894	513.294
29.0	601.193	576.593	543.893	520.194	507.894
29.5	596.093	571.493	538.494	514.494	502.494
30.0	591.293	566.393	533.094	509.094	496.794
30.5	586.193	561.593	527.994	503.694	491.094
31.0	581.093	556.493	522.594	497.994	485.394
31.5	575.693	551.093	516.894	492.294	479.994
32.0	570.593	545.993	511.494	486.594	474.294
32.5	565.193	540.594	506.094	480.894	468.594
33.0	560.093	535.194	500.394	475.194	462.894
33.5	554.693	529.794	494.994	469.794	457.195
34.0	549.293	524.394	489.594	464.094	451.495
34.5	544.193	518.694	483.594	458.395	445.795
35.0	538.794	513.294	478.194	452.395	440.095
35.5	533.394	507.594	472.494	446.695	434.695
36.0	527.694	502.194	467.094	441.295	428.995
36.5	522.294	496.494	461.394	435.595	423.595
37.0	516.894	490.794	455.695	429.595	417.895
37.5	511.194	485.094	449.995	424.195	412.795
38.0	505.794	479.394	444.295	418.495	407.095
38.5	500.094	473.694	438.895	413.095	401.695
39.0	494.394	467.994	432.895	407.395	396.295
39.5	488.694	462.294	427.195	401.995	390.895
40.0	482.694	456.595	421.495	396.295	385.495
40.5	476.694	450.895	415.795	391.195	380.395
41.0	470.994	445.195	410.095	385.795	374.696
41.5	464.994	439.195	404.395	380.395	369.296
42.0	458.995	433.495	398.995	374.696	364.196
42.5	453.295	427.495	393.295	369.296	358.796
43.0	447.295	421.795	387.895	364.196	353.696
43.5	441.295	415.795	381.895	359.096	348.596
44.0	435.295	410.095	376.495	353.696	343.496
44.5	429.295	404.395	370.796	348.296	338.396
45.0	423.595	398.395	365.396	343.196	333.296
45.5	417.595	392.695	359.996	338.096	328.196
46.0	411.595	386.995	354.596	332.996	323.396
46.5	405.895	380.995	348.896	327.896	318.296
47.0	399.895	375.296	343.496	322.796	313.496
47.5	394.195	369.596	338.396	317.396	308.696
48.0	388.195	363.896	332.996	312.596	303.596
48.5	382.195	358.196	327.896	307.496	298.976
49.0	376.495	352.196	322.196	302.696	294.146
49.5	370.496	346.496	317.096	297.566	289.317
50.0	364.796	341.096	311.696	292.556	284.487
50.5	358.796	335.396	306.596	287.817	279.897
51.0	353.096	329.696	301.196	283.167	275.337
51.5	347.096	323.996	296.126	278.427	270.357
52.0	341.396	318.596	290.847	273.537	265.677
52.5	335.396	312.896	285.627	268.647	261.177
53.0	329.696	307.496	280.467	263.817	256.377
53.5	323.696	302.096	275.547	259.287	252.027
54.0	317.996	296.426	270.567	254.817	247.437
54.5	312.296	290.877	265.497	250.227	242.937

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**CANDELA TABULATION - (Cont.)**

55.0	306.296	285.447	260.457	245.487	238.437
55.5	300.596	280.077	255.567	240.687	233.847
56.0	294.866	274.737	250.797	236.067	229.497
56.5	289.257	269.457	245.937	231.717	225.177
57.0	283.617	264.117	241.137	227.427	221.037
57.5	278.097	258.897	236.487	222.897	216.747
58.0	272.607	253.767	231.747	218.277	212.337
58.5	267.297	248.637	226.917	213.747	208.048
59.0	261.867	243.657	222.117	209.367	204.028
59.5	256.527	238.677	217.437	205.078	199.888
60.0	251.157	233.757	212.937	200.908	195.628
60.5	245.937	228.837	208.498	196.708	191.458
61.0	240.747	223.887	203.998	192.418	187.438
61.5	235.527	218.937	199.318	188.098	183.298
62.0	230.307	214.137	194.758	183.838	179.158
62.5	225.117	209.397	190.438	179.728	175.138
63.0	219.897	204.568	186.298	175.708	171.208
63.5	214.647	199.768	182.158	171.928	167.278
64.0	209.427	194.938	177.898	168.148	163.348
64.5	204.208	190.138	173.488	164.068	159.508
65.0	198.958	185.398	169.168	159.808	155.728
65.5	193.738	180.628	165.088	155.968	152.008
66.0	188.548	175.858	161.098	152.518	148.438
66.5	183.328	171.118	157.048	148.978	144.808
67.0	178.138	166.438	152.818	145.138	141.088
67.5	172.978	161.788	148.558	140.998	137.308
68.0	167.818	157.078	144.298	136.738	133.438
68.5	162.718	152.398	140.068	132.778	129.598
69.0	157.678	147.718	136.048	129.088	125.878
69.5	152.638	143.158	132.088	125.428	122.129
70.0	147.628	138.598	127.888	121.409	118.169
70.5	142.708	134.008	123.599	117.089	114.239
71.0	137.758	129.418	119.369	112.949	110.369
71.5	132.898	124.889	115.229	109.229	106.619
72.0	128.068	120.509	111.269	105.779	102.989
72.5	123.299	116.189	107.459	102.209	99.509
73.0	118.619	111.899	103.589	98.399	95.969
73.5	113.969	107.579	99.599	94.589	92.309
74.0	109.409	103.319	95.609	90.929	88.829
74.5	104.909	99.149	91.829	87.479	85.559
75.0	100.499	95.099	88.199	84.089	82.199
75.5	96.149	91.079	84.629	80.669	78.749
76.0	91.859	87.089	80.969	77.279	75.479
76.5	87.629	83.069	77.339	73.799	72.269
77.0	83.429	79.139	73.679	70.379	68.939
77.5	79.319	75.269	70.199	67.019	65.549
78.0	75.209	71.429	66.809	63.749	62.339
78.5	71.159	67.649	63.419	60.509	59.279
79.0	67.229	63.959	60.029	57.329	56.249
79.5	63.329	60.329	56.699	54.209	53.249
80.0	59.519	56.759	53.459	51.089	50.219
80.5	55.739	53.249	50.249	47.999	47.129
81.0	52.079	49.799	47.009	44.969	44.099
81.5	48.509	46.439	43.889	42.029	41.220
82.0	44.999	43.199	40.920	39.210	38.460
82.5	41.580	40.020	37.980	36.480	35.790

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**CANDELA TABULATION - (Cont.)**

83.0	38.220	36.870	35.100	33.720	33.180
83.5	34.920	33.750	32.190	30.990	30.570
84.0	31.710	30.750	29.280	28.290	27.900
84.5	28.590	27.810	26.460	25.650	25.320
85.0	25.530	24.930	23.820	23.100	22.950
85.5	22.530	22.080	21.240	20.700	20.730
86.0	19.620	19.260	18.720	18.480	18.480
86.5	16.800	16.560	16.200	16.140	16.200
87.0	14.040	13.950	13.740	13.740	13.830
87.5	11.400	11.310	11.340	11.490	11.550
88.0	8.850	8.910	9.180	9.390	9.480
88.5	6.480	6.690	7.200	7.260	7.320
89.0	4.380	4.710	5.010	4.530	4.500
89.5	3.030	3.120	2.340	2.220	2.460
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 : LRX2-2-L10-930-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 : LRX2-2-L10-930-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	259.07	N.A.	15.70
0-30	530.40	N.A.	32.10
0-40	832.47	N.A.	50.40
0-60	1357.33	N.A.	82.20
0-80	1624.19	N.A.	98.30
0-90	1651.53	N.A.	100.00
10-90	1582.88	N.A.	95.80
20-40	573.40	N.A.	34.70
20-50	860.05	N.A.	52.10
40-70	696.35	N.A.	42.20
60-80	266.86	N.A.	16.20
70-80	95.37	N.A.	5.80
80-90	27.34	N.A.	1.70
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	1651.53	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	68.64
10-20	190.43
20-30	271.32
30-40	302.07
40-50	286.65
50-60	238.21
60-70	171.49
70-80	95.37
80-90	27.34
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 : LRX2-2-L10-930-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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	71	64	58	69	62	57	67	61	56	65	59	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	58	53	49	47
6	72	59	51	44	70	58	50	44	57	49	44	55	48	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	63	49	41	36	61	49	41	35	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	35	29	54	42	34	29	41	34	29	40	34	29	39	33	29	27

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LRX2-2-L10-930-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

X=2H	Y=2H	21.6	23.2	22.0	23.5	23.8	20.5	22.0	20.8	22.4	22.7
	3H	23.3	24.8	23.7	25.1	25.5	22.1	23.6	22.5	23.9	24.2
	4H	24.0	25.3	24.4	25.6	26.0	22.7	24.1	23.1	24.4	24.8
	6H	24.4	25.6	24.8	26.0	26.4	23.2	24.4	23.6	24.8	25.2
	8H	24.6	25.7	25.0	26.1	26.5	23.4	24.5	23.8	24.9	25.3
	12H	24.6	25.8	25.1	26.2	26.6	23.5	24.6	23.9	25.0	25.4

UGR Viewed Endwise

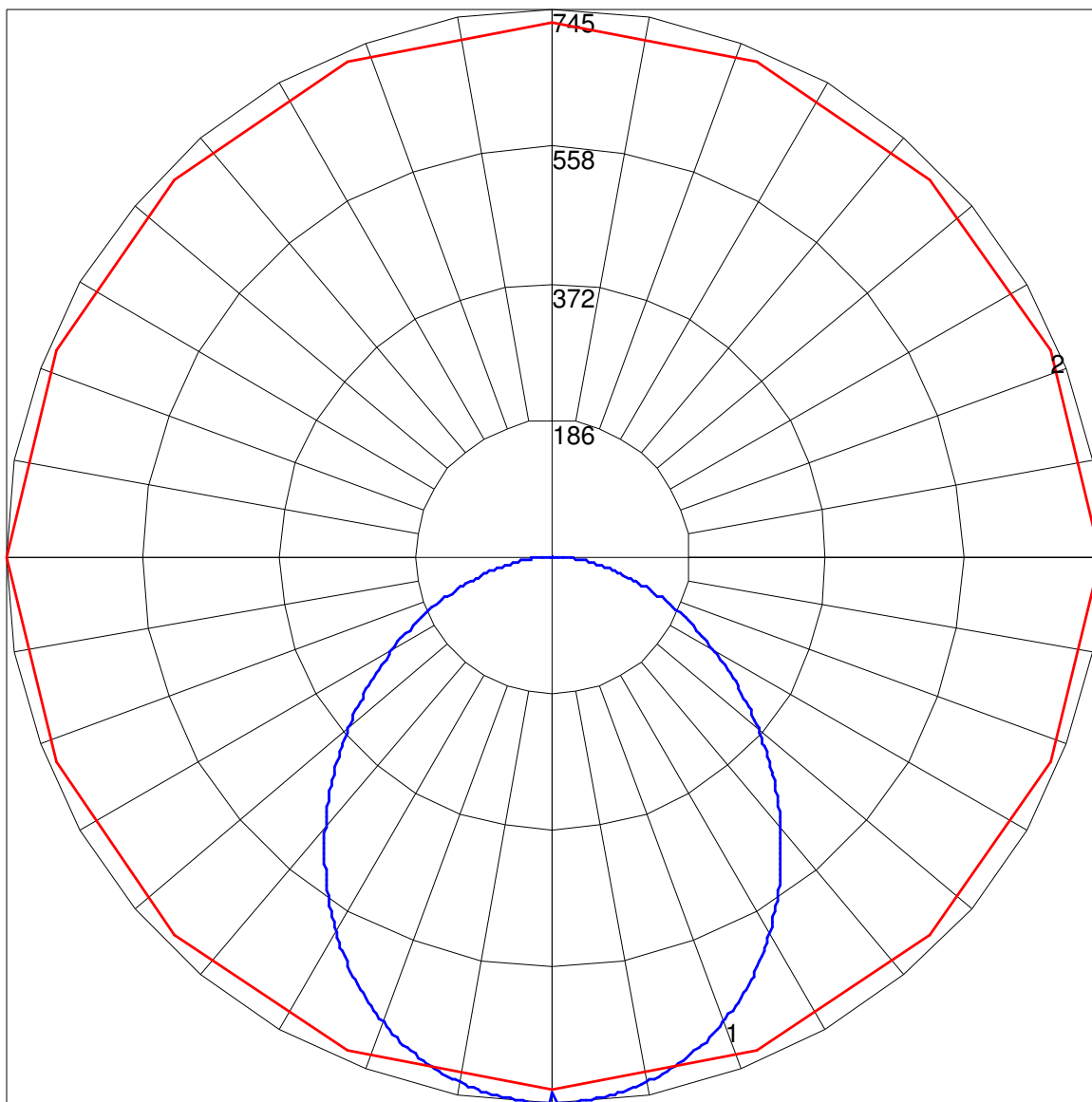
4H	2H	22.1	23.4	22.5	23.8	24.1	21.1	22.5	21.5	22.8	23.2
	3H	24.0	25.1	24.4	25.5	25.9	23.0	24.1	23.4	24.5	24.9
	4H	24.8	25.8	25.2	26.2	26.6	23.8	24.8	24.2	25.2	25.6
	6H	25.4	26.2	25.8	26.7	27.1	24.3	25.2	24.8	25.7	26.1
	8H	25.6	26.4	26.0	26.8	27.3	24.5	25.4	25.0	25.8	26.3
	12H	25.7	26.4	26.2	26.9	27.4	24.7	25.4	25.2	25.9	26.4

8H	4H	25.0	25.8	25.5	26.2	26.7	24.1	24.9	24.6	25.3	25.8
	6H	25.7	26.4	26.2	26.9	27.3	24.8	25.5	25.3	26.0	26.4
	8H	25.9	26.6	26.4	27.1	27.6	25.0	25.7	25.6	26.2	26.7
	12H	26.2	26.7	26.7	27.2	27.8	25.3	25.8	25.8	26.3	26.9

12H	4H	25.0	25.7	25.5	26.2	26.7	24.1	24.9	24.6	25.3	25.8
	6H	25.7	26.3	26.2	26.8	27.3	24.9	25.5	25.4	25.9	26.5
	8H	26.0	26.6	26.5	27.1	27.6	25.2	25.7	25.7	26.2	26.8

Maximum UGR = 27.8

POLAR GRAPH



Maximum Candela = 744.591 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.)