



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L10-835-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-L10-835-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	2014
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	23522	20290	18507
55	20968	17830	16322
65	18485	15717	14468
75	15246	13380	12470
85	11502	10731	10339

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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	892.306	892.306	892.306	892.306	892.306
0.5	908.038	893.038	887.916	890.111	885.721
1.0	908.038	892.672	887.916	890.111	885.355
1.5	907.672	892.672	887.550	889.745	884.989
2.0	907.306	891.940	886.818	889.379	883.892
2.5	906.940	891.209	886.453	888.282	883.160
3.0	906.208	890.477	885.355	887.550	881.697
3.5	905.477	889.745	884.258	886.087	880.233
4.0	904.745	889.014	883.160	884.989	879.136
4.5	904.013	887.916	882.062	883.526	877.306
5.0	903.282	886.818	880.233	881.697	875.477
5.5	901.818	885.355	878.770	879.501	872.916
6.0	900.721	883.892	876.941	877.672	870.721
6.5	899.623	882.794	875.111	875.111	868.160
7.0	898.160	880.965	873.282	872.550	865.599
7.5	896.696	879.501	871.087	869.989	862.672
8.0	895.233	877.306	868.892	867.063	860.111
8.5	893.404	875.477	866.331	864.136	856.819
9.0	891.574	873.648	863.770	860.843	853.526
9.5	889.745	871.453	860.843	857.185	849.868
10.0	887.916	869.258	857.916	853.892	846.575
10.5	885.721	867.063	854.990	850.234	842.185
11.0	883.526	864.502	851.697	846.575	838.161
11.5	880.965	861.941	848.404	842.551	834.136
12.0	878.404	859.014	844.746	838.526	829.746
12.5	876.209	856.087	841.087	834.136	824.990
13.0	873.282	853.160	837.429	829.746	820.600
13.5	870.355	849.868	833.404	824.990	815.844
14.0	867.794	846.575	829.746	820.600	811.088
14.5	864.502	843.282	825.356	815.844	805.966
15.0	861.575	839.990	821.331	810.722	801.210
15.5	858.282	836.331	816.575	805.600	795.722
16.0	855.721	833.039	812.185	800.478	790.234
16.5	853.160	829.380	807.429	794.990	784.747
17.0	849.868	825.722	802.673	789.503	779.259
17.5	845.112	822.063	797.917	784.015	773.405
18.0	840.721	818.771	793.161	778.161	767.186
18.5	836.331	814.380	788.039	772.308	760.966
19.0	832.673	809.624	782.917	766.088	754.747
19.5	828.648	804.868	777.795	759.869	748.162
20.0	824.624	800.112	772.308	754.015	741.210
20.5	820.234	795.356	767.186	747.796	734.625
21.0	815.844	790.966	761.698	741.210	727.674
21.5	811.454	786.210	756.210	734.991	721.089
22.0	806.697	781.088	750.357	728.406	714.138
22.5	802.307	776.332	744.869	721.455	707.552
23.0	797.185	771.210	739.747	714.869	700.967
23.5	792.429	765.722	733.893	708.284	694.016
24.0	787.307	760.600	727.308	701.699	687.431
24.5	782.186	755.113	721.089	695.113	680.480
25.0	777.064	749.991	714.503	688.162	673.528
25.5	771.942	744.137	708.284	681.577	666.577
26.0	766.454	738.650	701.699	674.626	659.992
26.5	761.332	732.796	695.479	668.041	653.407

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**CANDELA TABULATION - (Cont.)**

27.0	755.479	727.308	688.894	661.455	646.456
27.5	749.991	721.089	682.675	654.870	639.139
28.0	744.503	715.235	676.089	648.285	632.553
28.5	739.015	709.382	669.504	641.334	625.968
29.0	733.162	703.162	663.285	634.383	619.383
29.5	726.942	696.943	656.699	627.431	612.797
30.0	721.089	690.723	650.114	620.846	605.846
30.5	714.869	684.870	643.895	614.261	598.895
31.0	708.650	678.650	637.309	607.310	591.944
31.5	702.065	672.065	630.358	600.359	585.359
32.0	695.845	665.846	623.773	593.407	578.408
32.5	689.260	659.260	617.188	586.456	571.456
33.0	683.040	652.675	610.236	579.505	564.505
33.5	676.455	646.090	603.651	572.920	557.554
34.0	669.870	639.504	597.066	565.969	550.603
34.5	663.650	632.553	589.749	559.018	543.652
35.0	657.065	625.968	583.164	551.701	536.701
35.5	650.480	619.017	576.212	544.749	530.115
36.0	643.529	612.432	569.627	538.164	523.164
36.5	636.943	605.480	562.676	531.213	516.579
37.0	630.358	598.529	555.725	523.896	509.628
37.5	623.407	591.578	548.774	517.311	503.408
38.0	616.822	584.627	541.823	510.360	496.457
38.5	609.871	577.676	535.237	503.774	489.872
39.0	602.919	570.725	527.920	496.823	483.287
39.5	595.968	563.774	520.969	490.238	476.702
40.0	588.651	556.822	514.018	483.287	470.116
40.5	581.334	549.871	507.067	477.067	463.897
41.0	574.383	542.920	500.116	470.482	456.946
41.5	567.066	535.603	493.165	463.897	450.360
42.0	559.749	528.652	486.579	456.946	444.141
42.5	552.798	521.335	479.628	450.360	437.556
43.0	545.481	514.384	473.043	444.141	431.336
43.5	538.164	507.067	465.726	437.921	425.117
44.0	530.847	500.116	459.141	431.336	418.897
44.5	523.530	493.165	452.190	424.751	412.678
45.0	516.579	485.848	445.604	418.531	406.458
45.5	509.262	478.897	439.019	412.312	400.239
46.0	501.945	471.945	432.434	406.093	394.385
46.5	494.994	464.628	425.483	399.873	388.166
47.0	487.677	457.677	418.897	393.654	382.312
47.5	480.726	450.726	412.678	387.068	376.459
48.0	473.409	443.775	406.093	381.215	370.239
48.5	466.092	436.824	399.873	374.995	364.605
49.0	459.141	429.507	392.922	369.142	358.715
49.5	451.824	422.556	386.703	362.886	352.825
50.0	444.873	415.971	380.117	356.776	346.935
50.5	437.556	409.019	373.898	350.996	341.337
51.0	430.605	402.068	367.313	345.325	335.776
51.5	423.288	395.117	361.130	339.545	329.703
52.0	416.336	388.532	354.691	333.581	323.996
52.5	409.019	381.581	348.325	327.618	318.508
53.0	402.068	374.995	342.032	321.728	312.655
53.5	394.751	368.410	336.032	316.203	307.350
54.0	387.800	361.496	329.959	310.752	301.752
54.5	380.849	354.727	323.777	305.155	296.265

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**CANDELA TABULATION - (Cont.)**

55.0	373.532	348.106	317.630	299.374	290.777
55.5	366.581	341.557	311.667	293.521	285.179
56.0	359.593	335.045	305.850	287.887	279.875
56.5	352.752	328.606	299.923	282.582	274.606
57.0	345.874	322.094	294.070	277.350	269.558
57.5	339.142	315.728	288.399	271.826	264.326
58.0	332.447	309.472	282.619	266.192	258.948
58.5	325.972	303.216	276.728	260.668	253.716
59.0	319.350	297.143	270.875	255.326	248.814
59.5	312.838	291.070	265.167	250.095	243.765
60.0	306.289	285.070	259.680	245.009	238.570
60.5	299.923	279.070	254.265	239.887	233.485
61.0	293.594	273.033	248.777	234.656	228.583
61.5	287.228	266.997	243.070	229.387	223.534
62.0	280.862	261.143	237.509	224.192	218.485
62.5	274.533	255.363	232.241	219.180	213.583
63.0	268.167	249.473	227.192	214.278	208.790
63.5	261.765	243.619	222.144	209.668	203.998
64.0	255.399	237.729	216.949	205.058	199.205
64.5	249.034	231.875	211.571	200.083	194.522
65.0	242.631	226.095	206.302	194.888	189.912
65.5	236.265	220.278	201.327	190.205	185.376
66.0	229.936	214.461	196.461	185.998	181.022
66.5	223.570	208.680	191.522	181.681	176.595
67.0	217.241	202.973	186.364	176.998	172.059
67.5	210.949	197.302	181.169	171.949	167.449
68.0	204.656	191.559	175.973	166.754	162.730
68.5	198.437	185.851	170.815	161.925	158.047
69.0	192.290	180.144	165.913	157.425	153.510
69.5	186.144	174.583	161.083	152.962	148.937
70.0	180.034	169.022	155.962	148.059	144.108
70.5	174.034	163.425	150.730	142.791	139.315
71.0	167.998	157.827	145.571	137.742	134.596
71.5	162.071	152.303	140.523	133.206	130.023
72.0	156.181	146.962	135.693	128.998	125.596
72.5	150.364	141.693	131.047	124.645	121.352
73.0	144.657	136.462	126.328	119.999	117.035
73.5	138.986	131.194	121.462	115.352	112.572
74.0	133.425	125.998	116.596	110.889	108.328
74.5	127.937	120.913	111.986	106.682	104.340
75.0	122.559	115.974	107.560	102.548	100.243
75.5	117.255	111.072	103.206	98.377	96.035
76.0	112.023	106.206	98.743	94.243	92.048
76.5	106.865	101.304	94.316	89.999	88.133
77.0	101.743	96.511	89.853	85.828	84.072
77.5	96.731	91.792	85.609	81.731	79.938
78.0	91.718	87.109	81.475	77.743	76.023
78.5	86.779	82.499	77.341	73.792	72.292
79.0	81.987	77.999	73.206	69.914	68.597
79.5	77.231	73.572	69.145	66.109	64.938
80.0	72.584	69.219	65.194	62.304	61.243
80.5	67.975	64.938	61.280	58.536	57.475
81.0	63.511	60.731	57.329	54.841	53.780
81.5	59.158	56.633	53.524	51.255	50.268
82.0	54.877	52.682	49.902	47.816	46.902
82.5	50.707	48.804	46.317	44.487	43.646

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**CANDELA TABULATION - (Cont.)**

83.0	46.609	44.963	42.804	41.121	40.463
83.5	42.585	41.158	39.256	37.792	37.280
84.0	38.670	37.500	35.707	34.500	34.024
84.5	34.865	33.914	32.268	31.280	30.878
85.0	31.134	30.402	29.048	28.170	27.987
85.5	27.475	26.927	25.902	25.244	25.280
86.0	23.927	23.488	22.829	22.536	22.536
86.5	20.488	20.195	19.756	19.683	19.756
87.0	17.122	17.012	16.756	16.756	16.866
87.5	13.902	13.793	13.829	14.012	14.085
88.0	10.793	10.866	11.195	11.451	11.561
88.5	7.902	8.158	8.780	8.854	8.927
89.0	5.341	5.744	6.110	5.524	5.488
89.5	3.695	3.805	2.854	2.707	3.000
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-L10-835-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-L10-835-DMA-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	315.94	N.A.	15.70
0-30	646.83	N.A.	32.10
0-40	1015.21	N.A.	50.40
0-60	1655.28	N.A.	82.20
0-80	1980.72	N.A.	98.30
0-90	2014.06	N.A.	100.00
10-90	1930.34	N.A.	95.80
20-40	699.27	N.A.	34.70
20-50	1048.84	N.A.	52.10
40-70	849.20	N.A.	42.20
60-80	325.44	N.A.	16.20
70-80	116.31	N.A.	5.80
80-90	33.34	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	2014.06	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	83.71
10-20	232.23
20-30	330.88
30-40	368.38
40-50	349.57
50-60	290.50
60-70	209.14
70-80	116.31
80-90	33.34
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-L10-835-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	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	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	59	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	50	41	36	61	49	41	36	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-L10-835-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	22.3	23.9	22.7	24.2	24.5	21.2	22.7	21.5	23.1	23.4
	3H	24.0	25.5	24.4	25.8	26.2	22.8	24.3	23.2	24.6	24.9
	4H	24.7	26.0	25.1	26.3	26.7	23.4	24.8	23.8	25.1	25.5
	6H	25.1	26.3	25.5	26.7	27.1	23.9	25.1	24.3	25.5	25.9
	8H	25.3	26.4	25.7	26.8	27.2	24.1	25.2	24.5	25.6	26.0
	12H	25.3	26.5	25.8	26.9	27.3	24.2	25.3	24.6	25.7	26.1

UGR Viewed Endwise

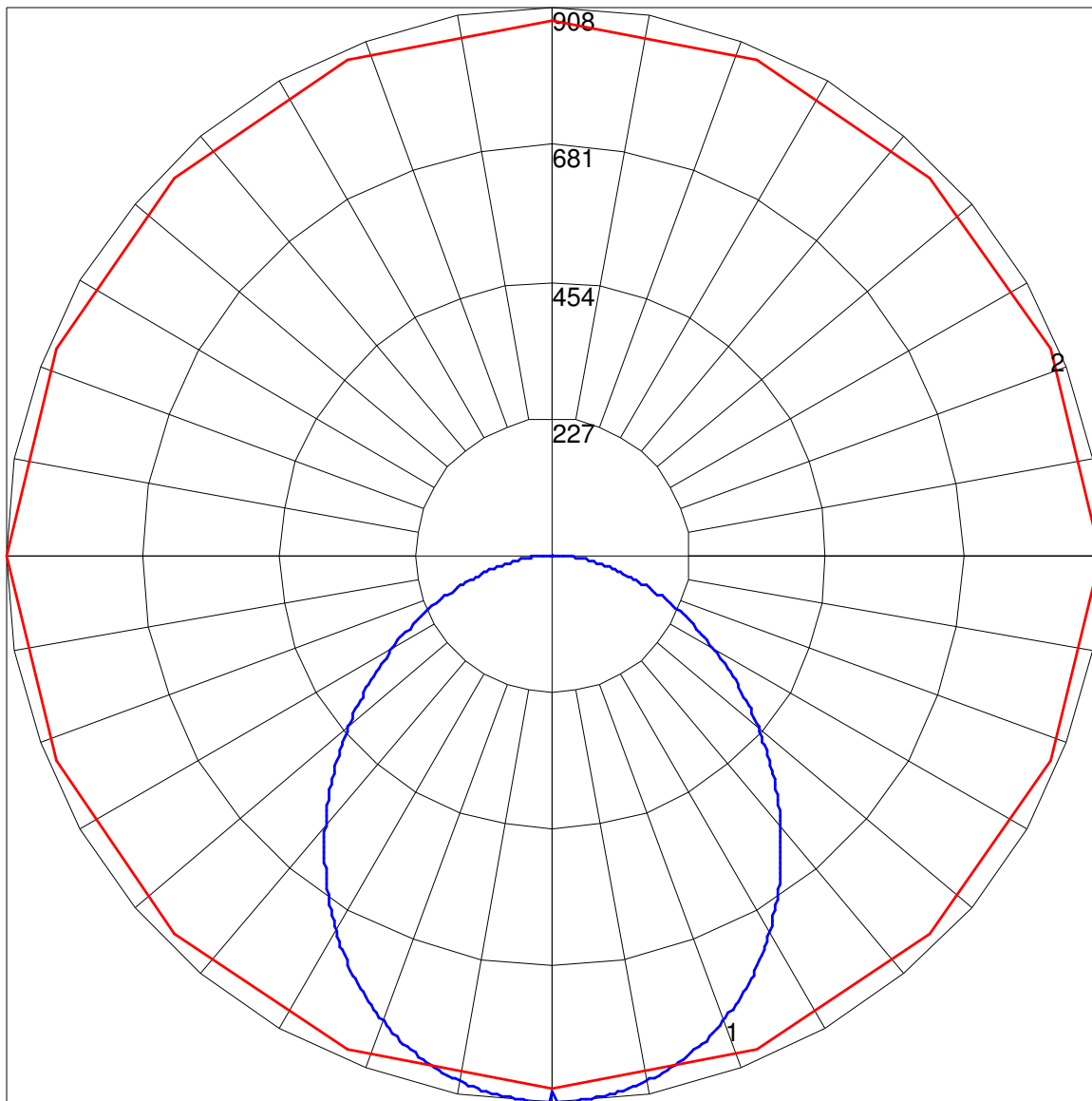
4H	2H	22.8	24.1	23.2	24.5	24.8	21.8	23.2	22.2	23.5	23.9
	3H	24.7	25.8	25.1	26.2	26.6	23.7	24.8	24.1	25.2	25.6
	4H	25.5	26.5	25.9	26.9	27.3	24.5	25.5	24.9	25.9	26.3
	6H	26.1	26.9	26.5	27.4	27.8	25.0	25.9	25.5	26.4	26.8
	8H	26.3	27.1	26.7	27.5	28.0	25.2	26.1	25.7	26.5	27.0
	12H	26.4	27.1	26.9	27.6	28.1	25.4	26.1	25.9	26.6	27.1

8H	4H	25.7	26.5	26.2	26.9	27.4	24.8	25.6	25.3	26.0	26.5
	6H	26.4	27.1	26.9	27.6	28.0	25.5	26.2	26.0	26.7	27.1
	8H	26.6	27.3	27.1	27.8	28.3	25.7	26.4	26.3	26.9	27.4
	12H	26.9	27.4	27.4	27.9	28.5	26.0	26.5	26.5	27.0	27.6

12H	4H	25.7	26.4	26.2	26.9	27.4	24.8	25.6	25.3	26.0	26.5
	6H	26.4	27.0	26.9	27.5	28.0	25.6	26.2	26.1	26.6	27.2
	8H	26.7	27.3	27.2	27.8	28.3	25.9	26.4	26.4	26.9	27.5

Maximum UGR = 28.5

POLAR GRAPH



Maximum Candela = 908.038 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.)