



IES INDOOR REPORT

PHOTOMETRIC FILENAME : LRX2-2-L8-940-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-L8-940-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	1376
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	13.8
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	16070	13862	12645
55	14326	12182	11152
65	12629	10738	9885
75	10417	9142	8520
85	7858	7332	7064

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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	609.639	609.639	609.639	609.639	609.639
0.5	620.387	610.139	606.640	608.140	605.140
1.0	620.387	609.889	606.640	608.140	604.890
1.5	620.137	609.889	606.390	607.890	604.640
2.0	619.887	609.389	605.890	607.640	603.890
2.5	619.637	608.889	605.640	606.890	603.390
3.0	619.138	608.389	604.890	606.390	602.391
3.5	618.638	607.890	604.140	605.390	601.391
4.0	618.138	607.390	603.390	604.640	600.641
4.5	617.638	606.640	602.641	603.640	599.391
5.0	617.138	605.890	601.391	602.391	598.141
5.5	616.138	604.890	600.391	600.891	596.392
6.0	615.388	603.890	599.141	599.641	594.892
6.5	614.638	603.140	597.891	597.891	593.142
7.0	613.639	601.891	596.642	596.142	591.393
7.5	612.639	600.891	595.142	594.392	589.393
8.0	611.639	599.391	593.642	592.392	587.643
8.5	610.389	598.141	591.892	590.393	585.394
9.0	609.139	596.892	590.143	588.143	583.144
9.5	607.890	595.392	588.143	585.644	580.645
10.0	606.640	593.892	586.144	583.394	578.395
10.5	605.140	592.392	584.144	580.894	575.395
11.0	603.640	590.643	581.894	578.395	572.646
11.5	601.891	588.893	579.645	575.645	569.896
12.0	600.141	586.893	577.145	572.896	566.897
12.5	598.641	584.894	574.646	569.896	563.648
13.0	596.642	582.894	572.146	566.897	560.648
13.5	594.642	580.645	569.397	563.648	557.399
14.0	592.892	578.395	566.897	560.648	554.149
14.5	590.643	576.145	563.898	557.399	550.650
15.0	588.643	573.896	561.148	553.899	547.401
15.5	586.393	571.396	557.899	550.400	543.651
16.0	584.644	569.147	554.899	546.901	539.902
16.5	582.894	566.647	551.650	543.151	536.153
17.0	580.645	564.148	548.400	539.402	532.403
17.5	577.395	561.648	545.151	535.653	528.404
18.0	574.396	559.398	541.902	531.653	524.155
18.5	571.396	556.399	538.402	527.654	519.906
19.0	568.897	553.150	534.903	523.405	515.656
19.5	566.147	549.900	531.403	519.156	511.157
20.0	563.398	546.651	527.654	515.156	506.408
20.5	560.398	543.401	524.155	510.907	501.909
21.0	557.399	540.402	520.405	506.408	497.160
21.5	554.399	537.152	516.656	502.159	492.661
22.0	551.150	533.653	512.657	497.660	487.911
22.5	548.150	530.404	508.908	492.910	483.412
23.0	544.651	526.904	505.408	488.411	478.913
23.5	541.402	523.155	501.409	483.912	474.164
24.0	537.902	519.656	496.910	479.413	469.665
24.5	534.403	515.906	492.661	474.914	464.916
25.0	530.904	512.407	488.161	470.165	460.166
25.5	527.404	508.408	483.912	465.665	455.417
26.0	523.655	504.658	479.413	460.916	450.918
26.5	520.156	500.659	475.164	456.417	446.419

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CANDELA TABULATION - (Cont.)

27.0	516.156	496.910	470.665	451.918	441.670
27.5	512.407	492.661	466.415	447.419	436.671
28.0	508.658	488.661	461.916	442.920	432.171
28.5	504.908	484.662	457.417	438.170	427.672
29.0	500.909	480.413	453.168	433.421	423.173
29.5	496.660	476.164	448.669	428.672	418.674
30.0	492.661	471.914	444.169	424.173	413.925
30.5	488.411	467.915	439.920	419.674	409.176
31.0	484.162	463.666	435.421	414.925	404.427
31.5	479.663	459.167	430.672	410.175	399.927
32.0	475.414	454.917	426.173	405.426	395.178
32.5	470.914	450.418	421.673	400.677	390.429
33.0	466.665	445.919	416.924	395.928	385.680
33.5	462.166	441.420	412.425	391.429	380.931
34.0	457.667	436.921	407.926	386.680	376.182
34.5	453.418	432.171	402.927	381.931	371.433
35.0	448.918	427.672	398.428	376.932	366.683
35.5	444.419	422.923	393.678	372.182	362.184
36.0	439.670	418.424	389.179	367.683	357.435
36.5	435.171	413.675	384.430	362.934	352.936
37.0	430.672	408.926	379.681	357.935	348.187
37.5	425.923	404.177	374.932	353.436	343.938
38.0	421.423	399.427	370.183	348.687	339.188
38.5	416.674	394.678	365.684	344.187	334.689
39.0	411.925	389.929	360.684	339.438	330.190
39.5	407.176	385.180	355.935	334.939	325.691
40.0	402.177	380.431	351.186	330.190	321.192
40.5	397.178	375.682	346.437	325.941	316.942
41.0	392.429	370.933	341.688	321.442	312.193
41.5	387.430	365.934	336.939	316.942	307.694
42.0	382.431	361.184	332.440	312.193	303.445
42.5	377.681	356.185	327.690	307.694	298.946
43.0	372.682	351.436	323.191	303.445	294.696
43.5	367.683	346.437	318.192	299.196	290.447
44.0	362.684	341.688	313.693	294.696	286.198
44.5	357.685	336.939	308.944	290.197	281.949
45.0	352.936	331.940	304.445	285.948	277.700
45.5	347.937	327.191	299.946	281.699	273.450
46.0	342.938	322.441	295.446	277.450	269.451
46.5	338.189	317.442	290.697	273.200	265.202
47.0	333.189	312.693	286.198	268.951	261.203
47.5	328.440	307.944	281.949	264.452	257.203
48.0	323.441	303.195	277.450	260.453	252.954
48.5	318.442	298.446	273.200	256.203	249.105
49.0	313.693	293.447	268.451	252.204	245.080
49.5	308.694	288.698	264.202	247.930	241.056
50.0	303.945	284.198	259.703	243.756	237.032
50.5	298.946	279.449	255.454	239.806	233.208
51.0	294.197	274.700	250.954	235.932	229.408
51.5	289.197	269.951	246.730	231.983	225.259
52.0	284.448	265.452	242.331	227.909	221.360
52.5	279.449	260.703	237.982	223.834	217.610
53.0	274.700	256.203	233.683	219.810	213.611
53.5	269.701	251.704	229.583	216.036	209.987
54.0	264.952	246.980	225.434	212.311	206.163
54.5	260.203	242.356	221.210	208.487	202.413

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CANDELA TABULATION - (Cont.)

55.0	255.204	237.832	217.011	204.538	198.664
55.5	250.455	233.358	212.936	200.539	194.840
56.0	245.680	228.908	208.962	196.689	191.215
56.5	241.006	224.509	204.913	193.065	187.616
57.0	236.307	220.060	200.914	189.491	184.167
57.5	231.708	215.711	197.039	185.716	180.592
58.0	227.134	211.437	193.090	181.867	176.918
58.5	222.710	207.162	189.066	178.093	173.344
59.0	218.185	203.013	185.066	174.443	169.994
59.5	213.736	198.864	181.167	170.869	166.545
60.0	209.262	194.765	177.418	167.395	162.995
60.5	204.913	190.665	173.718	163.895	159.521
61.0	200.589	186.541	169.969	160.321	156.172
61.5	196.239	182.417	166.070	156.722	152.722
62.0	191.890	178.418	162.271	153.172	149.273
62.5	187.566	174.468	158.671	149.748	145.923
63.0	183.217	170.444	155.222	146.398	142.649
63.5	178.843	166.445	151.772	143.249	139.375
64.0	174.493	162.420	148.223	140.100	136.100
64.5	170.144	158.421	144.549	136.700	132.901
65.0	165.770	154.472	140.949	133.151	129.751
65.5	161.421	150.498	137.550	129.951	126.652
66.0	157.096	146.523	134.226	127.077	123.678
66.5	152.747	142.574	130.851	124.127	120.653
67.0	148.423	138.675	127.327	120.928	117.554
67.5	144.124	134.801	123.778	117.479	114.404
68.0	139.825	130.876	120.228	113.929	111.180
68.5	135.575	126.977	116.704	110.630	107.980
69.0	131.376	123.078	113.354	107.555	104.881
69.5	127.177	119.278	110.055	104.506	101.757
70.0	123.003	115.479	106.556	101.157	98.457
70.5	118.903	111.655	102.981	97.557	95.183
71.0	114.779	107.830	99.457	94.108	91.958
71.5	110.730	104.056	96.008	91.008	88.834
72.0	106.706	100.407	92.708	88.134	85.809
72.5	102.731	96.807	89.534	85.160	82.910
73.0	98.832	93.233	86.309	81.985	79.960
73.5	94.958	89.634	82.985	78.811	76.911
74.0	91.158	86.084	79.661	75.761	74.012
74.5	87.409	82.610	76.511	72.887	71.287
75.0	83.735	79.236	73.487	70.062	68.488
75.5	80.110	75.886	70.512	67.213	65.613
76.0	76.536	72.562	67.463	64.388	62.889
76.5	73.012	69.212	64.438	61.489	60.214
77.0	69.512	65.938	61.389	58.639	57.440
77.5	66.088	62.714	58.489	55.840	54.615
78.0	62.664	59.514	55.665	53.115	51.941
78.5	59.289	56.365	52.840	50.416	49.391
79.0	56.015	53.290	50.016	47.766	46.866
79.5	52.765	50.266	47.241	45.167	44.367
80.0	49.591	47.291	44.542	42.567	41.842
80.5	46.442	44.367	41.867	39.993	39.268
81.0	43.392	41.492	39.168	37.468	36.743
81.5	40.418	38.693	36.568	35.019	34.344
82.0	37.493	35.993	34.094	32.669	32.044
82.5	34.644	33.344	31.644	30.394	29.820

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CANDELA TABULATION - (Cont.)

83.0	31.844	30.719	29.245	28.095	27.645
83.5	29.095	28.120	26.820	25.820	25.470
84.0	26.420	25.620	24.396	23.571	23.246
84.5	23.821	23.171	22.046	21.371	21.096
85.0	21.271	20.771	19.846	19.247	19.122
85.5	18.772	18.397	17.697	17.247	17.272
86.0	16.347	16.047	15.597	15.397	15.397
86.5	13.997	13.797	13.498	13.448	13.498
87.0	11.698	11.623	11.448	11.448	11.523
87.5	9.498	9.423	9.448	9.573	9.623
88.0	7.374	7.424	7.649	7.824	7.899
88.5	5.399	5.574	5.999	6.049	6.099
89.0	3.649	3.924	4.174	3.774	3.749
89.5	2.525	2.600	1.950	1.850	2.050
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
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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 : LRX2-2-L8-940-DMA-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	215.86	N.A.	15.70
0-30	441.92	N.A.	32.10
0-40	693.61	N.A.	50.40
0-60	1130.91	N.A.	82.20
0-80	1353.26	N.A.	98.30
0-90	1376.04	N.A.	100.00
10-90	1318.84	N.A.	95.80
20-40	477.75	N.A.	34.70
20-50	716.58	N.A.	52.10
40-70	580.19	N.A.	42.20
60-80	222.35	N.A.	16.20
70-80	79.46	N.A.	5.80
80-90	22.78	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	1376.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	57.19
10-20	158.66
20-30	226.07
30-40	251.69
40-50	238.83
50-60	198.47
60-70	142.89
70-80	79.46
80-90	22.78
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-L8-940-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-L8-940-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	21.0	22.6	21.4	22.9	23.2	19.9	21.4	20.2	21.8	22.1
	3H	22.7	24.2	23.1	24.5	24.9	21.5	23.0	21.9	23.3	23.6
	4H	23.4	24.7	23.8	25.0	25.4	22.1	23.5	22.5	23.8	24.2
	6H	23.8	25.0	24.2	25.4	25.8	22.6	23.8	23.0	24.2	24.6
	8H	24.0	25.1	24.4	25.5	25.9	22.8	23.9	23.2	24.3	24.7
	12H	24.0	25.2	24.5	25.6	26.0	22.9	24.0	23.3	24.4	24.8

UGR Viewed Endwise

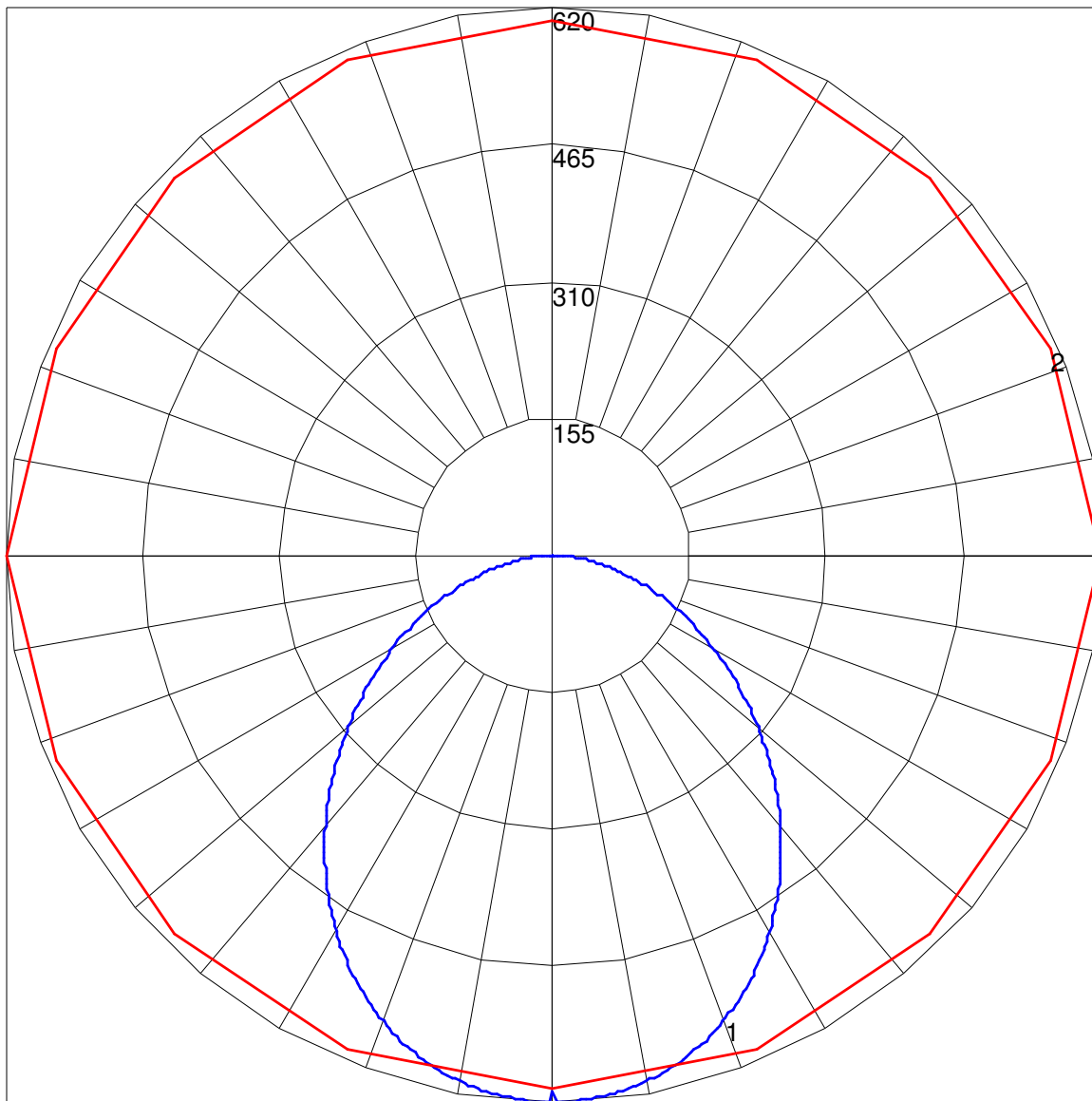
4H	2H	21.5	22.8	21.9	23.2	23.5	20.5	21.9	20.9	22.2	22.6
	3H	23.4	24.5	23.8	24.9	25.3	22.4	23.5	22.8	23.9	24.3
	4H	24.2	25.2	24.6	25.6	26.0	23.2	24.2	23.6	24.6	25.0
	6H	24.8	25.6	25.2	26.1	26.5	23.7	24.6	24.2	25.1	25.5
	8H	25.0	25.8	25.4	26.2	26.7	23.9	24.8	24.4	25.2	25.7
	12H	25.1	25.8	25.6	26.3	26.8	24.1	24.8	24.6	25.3	25.8

8H	4H	24.4	25.2	24.9	25.6	26.1	23.5	24.3	24.0	24.7	25.2
	6H	25.1	25.8	25.6	26.3	26.7	24.2	24.9	24.7	25.4	25.8
	8H	25.3	26.0	25.8	26.5	27.0	24.4	25.1	25.0	25.6	26.1
	12H	25.6	26.1	26.1	26.6	27.2	24.7	25.2	25.2	25.7	26.3

12H	4H	24.4	25.1	24.9	25.6	26.1	23.5	24.3	24.0	24.7	25.2
	6H	25.1	25.7	25.6	26.2	26.7	24.3	24.9	24.8	25.3	25.9
	8H	25.4	26.0	25.9	26.5	27.0	24.6	25.1	25.1	25.6	26.2

Maximum UGR = 27.2

POLAR GRAPH



Maximum Candela = 620.387 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.)