



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : EVT 2 LW UV FA 840(S).IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LLIA001045-001A (s)

[TESTLAB] LightLab International Allentown, LLC

[MANUFAC] Lumen Focus, LLC, 880 Facet Road, Henderson, NC 27537, USA

[LUMCAT] EVT 2 LW UV FA 840

[LUMINAIRE] Catalog Number: EVT 2 LW UV FA 840

[MORE] Surface mounted, formed gray plastic housing with frosted section below LEDs,

[MORE] formed white enamel steel LED tray/reflector.

[MORE] One ULT Everline M700C840D72N2A boards with 72 LEDs.

[MORE] One ULT Everline D10CC30UNVPW-C LED driver

[MORE] 120.0Vac, 60.00Hz

[OTHER] Absolute test - lamp lumens value set to -1

[MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.

[MORE] The sample was tested at a distance of 9.5m.

[MORE] This IES file created by LightLab/LSA Report program version 3.820a.

[DATE] This file created: Monday, October 29, 2018 2:25:36 PM

[ISSUEDATE] Monday, October 29, 2018 2:25:36 PM

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2673
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	23.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.58 m
Luminous Width (90-270)	0.06 m
Luminous Height	0.03 m

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17735	15062	15256
55	16050	13277	13717
65	13879	11364	12085
75	10328	9506	10499
85	3681	7975	9202

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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	815.521	815.521	815.521	815.521	815.521
0.5	815.734	810.398	819.714	817.731	812.430
1.0	815.601	810.283	819.616	817.655	812.346
1.5	815.374	810.056	819.394	817.522	812.261
2.0	814.996	809.745	819.132	817.304	812.150
2.5	814.516	809.353	818.789	817.015	811.963
3.0	814.045	808.882	818.340	816.668	811.692
3.5	813.426	808.299	817.815	816.281	811.336
4.0	812.657	807.610	817.211	815.823	811.034
4.5	811.843	806.867	816.566	815.290	810.607
5.0	810.887	806.049	815.841	814.720	810.105
5.5	809.882	805.089	815.001	814.058	809.562
6.0	808.837	804.088	814.169	813.378	808.984
6.5	807.588	802.968	813.173	812.564	808.326
7.0	806.280	801.776	812.132	811.777	807.650
7.5	804.884	800.486	810.990	810.861	806.867
8.0	803.399	799.094	809.793	809.927	806.094
8.5	801.825	797.636	808.517	808.895	805.218
9.0	800.162	796.093	807.223	807.832	804.328
9.5	798.459	794.483	805.836	806.725	803.332
10.0	796.609	792.758	804.328	805.498	802.336
10.5	794.710	790.957	802.776	804.235	801.238
11.0	792.647	789.054	801.127	802.928	800.099
11.5	790.565	787.075	799.432	801.576	798.903
12.0	788.369	784.967	797.600	800.108	797.618
12.5	786.070	782.864	795.822	798.610	796.320
13.0	783.660	780.609	793.825	797.062	794.968
13.5	781.218	778.323	791.864	795.444	793.567
14.0	778.737	775.958	789.818	793.803	792.162
14.5	776.109	773.468	787.688	792.055	790.623
15.0	773.405	770.946	785.483	790.268	789.076
15.5	770.564	768.274	783.157	788.391	787.426
16.0	767.722	765.592	780.831	786.497	785.705
16.5	764.716	762.742	778.377	784.478	783.904
17.0	761.657	759.927	775.913	782.468	782.183
17.5	758.486	756.921	773.347	780.387	780.324
18.0	755.347	753.928	770.719	778.226	778.377
18.5	752.132	750.900	768.082	776.096	776.474
19.0	748.779	747.636	765.339	773.765	774.464
19.5	745.346	744.457	762.524	771.475	772.409
20.0	741.780	741.113	759.585	769.079	770.230
20.5	738.209	737.729	756.619	766.637	768.060
21.0	734.496	734.189	753.581	764.076	765.806
21.5	730.836	730.689	750.513	761.581	763.556
22.0	726.945	727.074	747.343	758.922	761.234
22.5	723.112	723.459	744.176	756.307	758.864
23.0	719.234	719.768	740.975	753.621	756.436
23.5	715.152	715.890	737.600	750.811	753.946
24.0	711.119	712.088	734.238	748.005	751.389
24.5	706.912	708.082	730.734	745.061	748.797
25.0	702.701	704.102	727.252	742.162	746.133
25.5	698.343	699.953	723.663	739.098	743.376
26.0	694.025	695.920	720.061	736.048	740.708
26.5	689.556	691.678	716.335	732.890	737.849

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**CANDELA TABULATION - (Cont.)**

27.0	685.101	687.426	712.658	729.769	735.016
27.5	680.623	683.184	708.851	726.572	732.130
28.0	675.989	678.791	705.049	723.312	729.182
28.5	671.320	674.406	701.163	719.977	726.194
29.0	666.522	669.862	697.125	716.526	723.036
29.5	661.773	665.352	693.189	713.138	719.959
30.0	656.935	660.670	689.081	709.589	716.789
30.5	652.070	656.090	685.070	706.085	713.645
31.0	646.992	651.336	680.845	702.430	710.350
31.5	642.078	646.636	676.732	698.801	707.063
32.0	637.075	641.891	672.570	695.204	703.706
32.5	631.890	636.973	668.238	691.393	700.255
33.0	626.768	632.104	663.947	687.618	696.818
33.5	621.494	627.128	659.505	683.727	693.252
34.0	616.211	622.116	655.120	679.871	689.752
34.5	610.888	617.087	650.642	675.896	685.999
35.0	605.507	611.964	646.138	671.880	682.353
35.5	600.082	606.890	641.660	667.869	678.653
36.0	594.644	601.754	637.129	663.778	674.864
36.5	589.192	596.592	632.611	659.758	671.080
37.0	583.554	591.295	627.875	655.489	667.171
37.5	578.017	586.066	623.223	651.283	663.254
38.0	572.285	580.676	618.439	646.969	659.229
38.5	566.682	575.376	613.761	642.683	655.280
39.0	560.853	569.933	608.918	638.307	651.189
39.5	555.139	564.597	604.164	633.896	647.089
40.0	549.238	559.047	599.220	629.431	642.785
40.5	543.466	553.640	594.395	624.980	638.698
41.0	537.663	548.224	589.512	620.538	634.380
41.5	531.682	542.647	584.519	615.904	630.156
42.0	525.759	537.138	579.547	611.324	625.825
42.5	519.760	531.499	574.455	606.619	621.347
43.0	513.863	525.959	569.471	601.994	617.011
43.5	507.736	520.373	564.326	597.268	612.444
44.0	501.839	514.762	559.256	592.518	607.967
44.5	495.738	509.083	554.013	587.716	603.351
45.0	489.788	503.480	548.917	582.909	598.819
45.5	483.847	497.899	543.795	578.160	594.204
46.0	477.693	492.132	538.463	573.206	589.486
46.5	471.699	486.467	533.256	568.323	584.714
47.0	465.549	480.695	527.964	563.290	579.889
47.5	459.515	475.016	522.650	558.385	575.171
48.0	453.485	469.235	517.252	553.298	570.222
48.5	447.384	463.552	511.907	548.299	565.411
49.0	441.185	457.714	506.424	543.150	560.461
49.5	435.164	452.062	501.034	538.076	555.516
50.0	429.152	446.419	495.618	532.958	550.585
50.5	422.953	440.536	490.086	527.786	545.498
51.0	416.785	434.857	484.635	522.610	540.495
51.5	410.684	428.992	479.032	517.363	535.355
52.0	404.601	423.335	473.531	512.129	530.303
52.5	398.384	417.443	467.883	506.855	525.083
53.0	392.350	411.778	462.374	501.652	520.004
53.5	386.062	405.873	456.677	496.267	514.775
54.0	379.939	400.101	451.141	491.038	509.577
54.5	373.945	394.427	445.592	485.782	504.396

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**CANDELA TABULATION - (Cont.)**

55.0	367.626	388.557	439.900	480.419	499.078
55.5	361.520	382.856	434.297	475.114	493.893
56.0	355.282	377.004	428.587	469.711	488.477
56.5	349.114	371.272	423.020	464.384	483.252
57.0	342.866	365.389	417.274	458.994	477.822
57.5	336.721	359.644	411.685	453.671	472.606
58.0	330.393	353.796	405.962	448.264	467.150
58.5	324.194	348.007	400.328	442.910	461.800
59.0	318.008	342.221	394.702	437.552	456.504
59.5	311.730	336.396	389.046	432.144	451.039
60.0	305.500	330.575	383.412	426.808	445.649
60.5	299.163	324.705	377.698	421.361	440.313
61.0	293.022	318.911	372.130	416.078	434.942
61.5	286.623	312.975	366.394	410.618	429.423
62.0	280.380	307.189	360.809	405.299	424.105
62.5	274.087	301.195	355.068	399.852	418.519
63.0	267.880	295.392	349.559	394.578	413.197
63.5	261.592	289.567	343.991	389.295	407.812
64.0	255.384	283.724	338.495	383.959	402.507
64.5	249.012	277.916	332.905	378.649	397.095
65.0	242.844	271.980	327.413	373.429	391.692
65.5	236.574	266.190	321.917	368.124	386.382
66.0	230.180	260.280	316.474	362.877	380.971
66.5	223.923	254.508	311.071	357.643	375.661
67.0	217.569	248.576	305.575	352.373	370.267
67.5	211.401	242.818	300.230	347.233	364.927
68.0	205.202	237.072	295.023	342.115	359.782
68.5	198.892	231.211	289.660	336.890	354.490
69.0	192.738	225.511	284.444	331.851	349.292
69.5	186.445	219.676	279.175	326.662	343.947
70.0	180.291	214.033	274.074	321.633	338.815
70.5	174.030	208.279	268.854	316.497	333.559
71.0	167.858	202.672	263.806	311.534	328.441
71.5	161.610	196.918	258.679	306.438	323.220
72.0	155.518	191.399	253.703	301.506	318.177
72.5	149.519	185.979	248.790	296.637	313.201
73.0	143.334	180.505	243.809	291.679	308.052
73.5	137.291	175.155	238.949	286.854	303.161
74.0	131.256	169.814	234.048	281.932	298.096
74.5	125.342	164.594	229.290	277.182	293.173
75.0	119.370	159.293	224.483	272.344	288.210
75.5	113.522	154.233	219.836	267.666	283.426
76.0	107.648	149.079	215.127	262.886	278.472
76.5	101.970	144.143	210.596	258.279	273.781
77.0	96.389	139.345	206.114	253.774	269.107
77.5	90.701	134.440	201.640	249.159	264.318
78.0	85.241	129.798	197.242	244.667	259.751
78.5	79.647	125.106	192.880	240.167	255.117
79.0	74.328	120.619	188.624	235.747	250.533
79.5	68.908	116.106	184.329	231.234	245.966
80.0	63.838	111.793	180.149	226.902	241.515
80.5	58.622	107.519	175.955	222.496	236.992
81.0	53.700	103.353	171.909	218.249	232.661
81.5	48.973	99.350	167.951	214.056	228.348
82.0	44.143	95.366	163.931	209.738	224.110
82.5	39.639	91.502	160.098	205.638	219.872

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**CANDELA TABULATION - (Cont.)**

83.0	35.161	87.669	156.181	201.431	215.625
83.5	31.008	83.996	152.445	197.353	211.539
84.0	26.885	80.340	148.608	193.280	207.354
84.5	23.083	76.894	144.957	189.296	203.334
85.0	19.384	73.452	141.190	185.285	199.306
85.5	16.044	70.188	137.602	181.438	195.437
86.0	12.922	67.062	134.067	177.650	191.599
86.5	10.059	63.892	130.469	173.843	187.735
87.0	7.515	60.903	127.023	170.157	184.009
87.5	5.212	57.924	123.577	166.444	180.300
88.0	3.340	55.087	120.241	162.909	176.578
88.5	1.805	52.348	117.009	159.333	172.923
89.0	0.809	49.746	113.798	155.865	169.405
89.5	0.151	47.221	110.694	152.383	165.835
90.0	0.000	44.908	107.684	149.075	162.415
90.5	0.000	42.605	104.735	145.815	159.062
91.0	0.000	40.408	101.787	142.560	155.638
91.5	0.000	38.327	98.986	139.358	152.361
92.0	0.000	36.344	96.100	136.174	149.061
92.5	0.000	34.467	93.454	133.128	145.882
93.0	0.000	32.613	90.719	130.056	142.707
93.5	0.000	30.919	88.167	127.090	139.647
94.0	0.000	29.238	85.605	124.119	136.512
94.5	0.000	27.668	83.146	121.286	133.569
95.0	0.000	26.169	80.789	118.498	130.678
95.5	0.000	24.733	78.375	115.692	127.699
96.0	0.000	23.346	76.054	112.998	124.902
96.5	0.000	21.954	73.746	110.258	122.069
97.0	0.000	20.642	71.496	107.621	119.365
97.5	0.000	19.317	69.250	105.011	116.595
98.0	0.000	18.018	67.133	102.499	113.936
98.5	0.000	16.747	64.990	99.973	111.290
99.0	0.000	15.559	63.016	97.581	108.746
99.5	0.000	14.385	61.068	95.184	106.287
100.0	0.000	13.229	59.116	92.787	103.726
100.5	0.000	12.095	57.208	90.501	101.334
101.0	0.000	10.966	55.287	88.198	98.919
101.5	0.000	9.823	53.508	85.997	96.607
102.0	0.000	8.613	51.641	83.751	94.268
102.5	0.000	7.475	49.858	81.648	92.089
103.0	0.000	6.288	48.025	79.518	89.785
103.5	0.000	5.229	46.282	77.463	87.606
104.0	0.000	4.167	44.490	75.422	85.516
104.5	0.000	3.162	42.747	73.390	83.418
105.0	0.000	2.286	41.040	71.402	81.341
105.5	0.000	1.619	39.336	69.379	79.300
106.0	0.000	1.143	37.669	67.431	77.263
106.5	0.000	0.729	36.041	65.372	75.244
107.0	0.000	0.436	34.458	63.420	73.199
107.5	0.000	0.320	32.862	61.415	71.158
108.0	0.000	0.169	31.328	59.449	69.179
108.5	0.000	0.182	29.811	57.506	67.187
109.0	0.000	0.173	28.246	55.554	65.128
109.5	0.000	0.000	26.699	53.668	63.167
110.0	0.000	0.000	25.049	51.739	61.121
110.5	0.000	0.000	23.475	49.946	59.231

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**CANDELA TABULATION - (Cont.)**

111.0	0.000	0.000	21.816	48.128	57.266
111.5	0.000	0.000	20.184	46.349	55.416
112.0	0.000	0.000	18.512	44.584	53.531
112.5	0.000	0.000	16.942	42.880	51.703
113.0	0.000	0.000	15.377	41.208	49.902
113.5	0.000	0.000	13.830	39.430	48.128
114.0	0.000	0.000	12.295	37.780	46.345
114.5	0.000	0.000	10.766	36.041	44.650
115.0	0.000	0.000	9.316	34.289	42.925
115.5	0.000	0.000	7.857	32.497	41.168
116.0	0.000	0.000	6.475	30.736	39.430
116.5	0.000	0.000	5.229	28.931	37.642
117.0	0.000	0.000	4.233	27.134	35.863
117.5	0.000	0.000	3.504	25.351	34.076
118.0	0.000	0.000	2.655	23.577	32.181
118.5	0.000	0.000	2.041	21.843	30.407
119.0	0.000	0.000	1.241	20.082	28.553
119.5	0.000	0.000	0.756	18.374	26.721
120.0	0.000	0.000	0.471	16.702	24.942
120.5	0.000	0.000	0.431	15.008	23.110
121.0	0.000	0.000	0.418	13.380	21.367
121.5	0.000	0.000	0.205	11.740	19.615
122.0	0.000	0.000	0.000	10.205	17.876
122.5	0.000	0.000	0.000	8.658	16.177
123.0	0.000	0.000	0.000	7.244	14.505
123.5	0.000	0.000	0.000	5.985	12.838
124.0	0.000	0.000	0.000	5.069	11.157
124.5	0.000	0.000	0.000	4.291	9.565
125.0	0.000	0.000	0.000	3.300	8.124
125.5	0.000	0.000	0.000	2.321	6.715
126.0	0.000	0.000	0.000	1.654	5.714
126.5	0.000	0.000	0.000	1.094	4.891
127.0	0.000	0.000	0.000	0.752	4.064
127.5	0.000	0.000	0.000	0.671	2.797
128.0	0.000	0.000	0.000	0.302	2.059
128.5	0.000	0.000	0.000	0.342	1.436
129.0	0.000	0.000	0.000	0.334	0.943
129.5	0.000	0.000	0.000	0.351	0.778
130.0	0.000	0.000	0.000	0.000	0.752
130.5	0.000	0.000	0.000	0.000	0.725
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 : EVT 2 LW UV FA 840(S).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 : EVT 2 LW UV FA 840(S).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 : EVT 2 LW UV FA 840(S).IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	297.78	N.A.	11.10
0-30	631.65	N.A.	23.60
0-40	1034.26	N.A.	38.70
0-60	1844.35	N.A.	69.00
0-80	2391.92	N.A.	89.50
0-90	2532.38	N.A.	94.70
10-90	2455.25	N.A.	91.80
20-40	736.48	N.A.	27.50
20-50	1156.95	N.A.	43.30
40-70	1129.69	N.A.	42.30
60-80	547.57	N.A.	20.50
70-80	227.97	N.A.	8.50
80-90	140.46	N.A.	5.30
90-110	122.08	N.A.	4.60
90-120	138.61	N.A.	5.20
90-130	140.93	N.A.	5.30
90-150	140.93	N.A.	5.30
90-180	140.93	N.A.	5.30
110-180	18.85	N.A.	0.70
0-180	2673.31	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	77.13
10-20	220.65
20-30	333.86
30-40	402.61
40-50	420.48
50-60	389.62
60-70	319.59
70-80	227.97
80-90	140.46
90-100	80.18
100-110	41.90
110-120	16.53
120-130	2.32
130-140	0.01
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

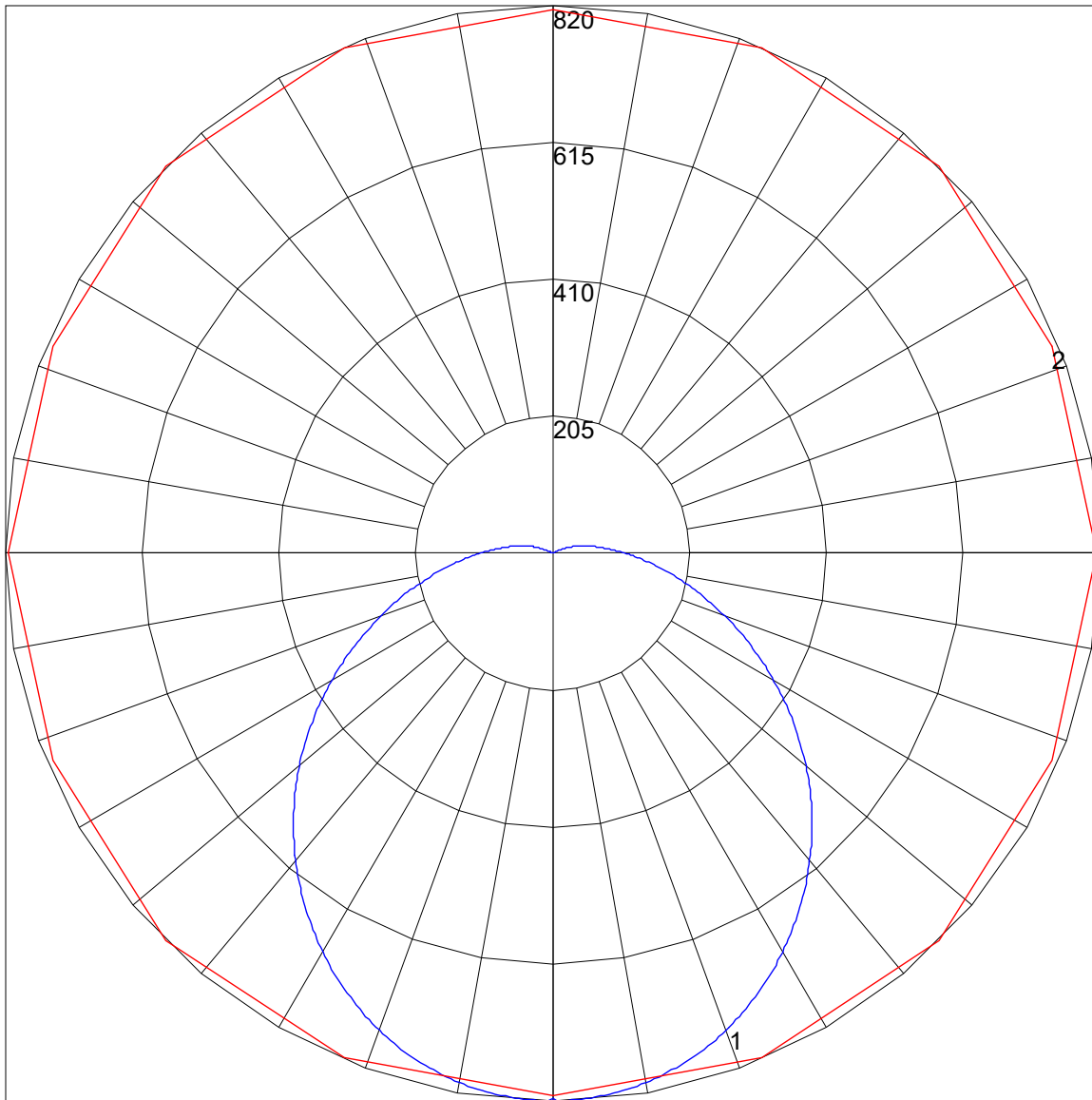
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : EVT 2 LW UV FA 840(S).IES**

**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	158	158	158	158	154	154	154	154	145	145	145	137	137	137	130	130	130	127
1	142	135	128	122	137	131	125	119	124	119	114	117	113	109	111	108	105	102
2	128	116	106	98	124	113	104	96	107	99	93	102	95	90	96	91	87	83
3	117	102	90	81	113	99	88	79	94	85	77	89	81	75	85	78	73	69
4	107	90	77	68	103	87	76	67	83	73	65	79	70	64	75	68	62	59
5	98	80	67	58	94	78	66	57	74	64	56	71	62	55	68	60	54	51
6	90	72	59	51	87	70	59	50	67	57	49	64	55	48	61	53	47	44
7	84	65	53	45	81	64	52	44	61	51	43	58	49	42	56	48	42	39
8	78	59	48	40	75	58	47	39	56	46	39	53	44	38	51	43	37	35
9	73	54	43	36	70	53	43	35	51	41	35	49	40	34	47	39	34	31
10	68	50	39	32	66	49	39	32	47	38	31	46	37	31	44	36	31	28

POLAR GRAPH



Maximum Candela = 819.714 Located At Horizontal Angle = 45, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)