



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : EVT 2 VL UV FA 840.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 VL UV FA 840

[LUMINAIRE] Catalog Number: EVT 2 VL 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 M10CC840D56N2A boards with 56 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	1993
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	17.6
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	13223	11230	11375
55	11967	9900	10228
65	10348	8473	9011
75	7701	7087	7828
85	2744	5947	6861

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**PHOTOMETRIC FILENAME : EVT 2 VL UV FA 840.IES**

**CANDELA TABULATION**

	<u><b>0.0</b></u>	<u><b>22.5</b></u>	<u><b>45.0</b></u>	<u><b>67.5</b></u>	<u><b>90.0</b></u>
<b>0.0</b>	608.064	608.064	608.064	608.064	608.064
<b>0.5</b>	608.224	604.245	611.191	609.712	605.760
<b>1.0</b>	608.124	604.159	611.118	609.656	605.697
<b>1.5</b>	607.955	603.990	610.952	609.556	605.634
<b>2.0</b>	607.673	603.757	610.757	609.394	605.551
<b>2.5</b>	607.315	603.466	610.501	609.178	605.412
<b>3.0</b>	606.964	603.114	610.167	608.920	605.210
<b>3.5</b>	606.503	602.680	609.775	608.631	604.944
<b>4.0</b>	605.929	602.166	609.324	608.290	604.719
<b>4.5</b>	605.322	601.612	608.844	607.892	604.401
<b>5.0</b>	604.610	601.002	608.303	607.468	604.026
<b>5.5</b>	603.860	600.286	607.677	606.974	603.622
<b>6.0</b>	603.081	599.540	607.056	606.466	603.191
<b>6.5</b>	602.149	598.704	606.314	605.860	602.700
<b>7.0</b>	601.175	597.816	605.538	605.273	602.196
<b>7.5</b>	600.134	596.854	604.686	604.590	601.612
<b>8.0</b>	599.026	595.817	603.794	603.893	601.035
<b>8.5</b>	597.852	594.729	602.842	603.124	600.382
<b>9.0</b>	596.612	593.579	601.878	602.332	599.719
<b>9.5</b>	595.342	592.378	600.843	601.506	598.976
<b>10.0</b>	593.963	591.092	599.719	600.591	598.234
<b>10.5</b>	592.547	589.749	598.562	599.649	597.415
<b>11.0</b>	591.009	588.330	597.332	598.675	596.566
<b>11.5</b>	589.457	586.855	596.069	597.667	595.674
<b>12.0</b>	587.819	585.283	594.703	596.573	594.716
<b>12.5</b>	586.105	583.715	593.376	595.455	593.748
<b>13.0</b>	584.308	582.034	591.888	594.301	592.740
<b>13.5</b>	582.488	580.329	590.425	593.095	591.695
<b>14.0</b>	580.638	578.566	588.900	591.871	590.648
<b>14.5</b>	578.678	576.709	587.312	590.568	589.500
<b>15.0</b>	576.662	574.829	585.668	589.235	588.347
<b>15.5</b>	574.544	572.836	583.934	587.836	587.116
<b>16.0</b>	572.425	570.837	582.199	586.424	585.833
<b>16.5</b>	570.184	568.712	580.369	584.918	584.491
<b>17.0</b>	567.903	566.613	578.532	583.420	583.207
<b>17.5</b>	565.539	564.371	576.619	581.868	581.821
<b>18.0</b>	563.198	562.140	574.660	580.257	580.369
<b>18.5</b>	560.801	559.882	572.694	578.668	578.950
<b>19.0</b>	558.301	557.448	570.648	576.931	577.452
<b>19.5</b>	555.741	555.078	568.549	575.223	575.920
<b>20.0</b>	553.082	552.585	566.358	573.436	574.295
<b>20.5</b>	550.419	550.061	564.146	571.616	572.677
<b>21.0</b>	547.651	547.422	561.881	569.706	570.996
<b>21.5</b>	544.922	544.813	559.594	567.846	569.318
<b>22.0</b>	542.021	542.117	557.230	565.863	567.588
<b>22.5</b>	539.163	539.422	554.869	563.914	565.820
<b>23.0</b>	536.272	536.670	552.482	561.911	564.010
<b>23.5</b>	533.228	533.778	549.965	559.816	562.153
<b>24.0</b>	530.221	530.944	547.459	557.724	560.247
<b>24.5</b>	527.084	527.956	544.846	555.529	558.314
<b>25.0</b>	523.944	524.989	542.250	553.367	556.328
<b>25.5</b>	520.695	521.895	539.574	551.083	554.272
<b>26.0</b>	517.476	518.888	536.888	548.808	552.283
<b>26.5</b>	514.143	515.725	534.110	546.454	550.151

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : EVT 2 VL UV FA 840.IES**

**CANDELA TABULATION - (Cont.)**

27.0	510.821	512.555	531.368	544.126	548.039
27.5	507.482	509.392	528.530	541.742	545.887
28.0	504.028	506.116	525.695	539.312	543.689
28.5	500.546	502.847	522.797	536.825	541.461
29.0	496.969	499.459	519.787	534.253	539.107
29.5	493.428	496.097	516.852	531.726	536.812
30.0	489.820	492.605	513.789	529.080	534.448
30.5	486.193	489.190	510.798	526.468	532.104
31.0	482.407	485.646	507.648	523.742	529.647
31.5	478.743	482.141	504.581	521.037	527.197
32.0	475.013	478.604	501.478	518.354	524.694
32.5	471.147	474.936	498.248	515.513	522.121
33.0	467.327	471.306	495.049	512.698	519.558
33.5	463.395	467.596	491.737	509.797	516.899
34.0	459.456	463.859	488.467	506.922	514.289
34.5	455.487	460.109	485.129	503.958	511.491
35.0	451.475	456.290	481.770	500.964	508.772
35.5	447.430	452.506	478.431	497.973	506.014
36.0	443.375	448.677	475.053	494.923	503.189
36.5	439.310	444.828	471.684	491.926	500.367
37.0	435.106	440.879	468.153	488.743	497.453
37.5	430.978	436.979	464.685	485.606	494.532
38.0	426.704	432.961	461.117	482.390	491.531
38.5	422.527	429.009	457.629	479.194	488.587
39.0	418.180	424.950	454.018	475.931	485.536
39.5	413.919	420.972	450.474	472.642	482.479
40.0	409.520	416.834	446.787	469.313	479.270
40.5	405.216	412.802	443.190	465.994	476.223
41.0	400.889	408.764	439.549	462.682	473.003
41.5	396.430	404.606	435.826	459.227	469.854
42.0	392.013	400.498	432.119	455.812	466.624
42.5	387.541	396.294	428.322	452.304	463.285
43.0	383.144	392.163	424.606	448.856	460.053
43.5	378.575	387.998	420.770	445.331	456.648
44.0	374.179	383.814	416.990	441.790	453.309
44.5	369.630	379.580	413.081	438.210	449.867
45.0	365.193	375.402	409.281	434.625	446.489
45.5	360.764	371.241	405.461	431.084	443.047
46.0	356.175	366.941	401.486	427.391	439.529
46.5	351.706	362.717	397.603	423.750	435.972
47.0	347.120	358.413	393.658	419.997	432.374
47.5	342.621	354.179	389.696	416.340	428.856
48.0	338.125	349.869	385.671	412.547	425.166
48.5	333.576	345.631	381.685	408.820	421.579
49.0	328.954	341.278	377.597	404.981	417.888
49.5	324.465	337.064	373.579	401.198	414.201
50.0	319.982	332.856	369.540	397.381	410.524
50.5	315.360	328.470	365.416	393.525	406.731
51.0	310.761	324.236	361.351	389.666	403.001
51.5	306.212	319.863	357.173	385.753	399.168
52.0	301.676	315.645	353.072	381.851	395.402
52.5	297.041	311.252	348.861	377.919	391.509
53.0	292.542	307.028	344.753	374.039	387.723
53.5	287.854	302.625	340.505	370.024	383.824
54.0	283.288	298.321	336.378	366.125	379.948
54.5	278.819	294.090	332.240	362.206	376.085

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

55.0	274.107	289.714	327.996	358.207	372.120
55.5	269.555	285.463	323.818	354.252	368.254
56.0	264.903	281.100	319.561	350.223	364.215
56.5	260.304	276.826	315.410	346.251	360.319
57.0	255.646	272.440	311.126	342.233	356.271
57.5	251.064	268.156	306.958	338.264	352.382
58.0	246.346	263.796	302.691	334.232	348.314
58.5	241.724	259.479	298.490	330.240	344.325
59.0	237.112	255.165	294.296	326.245	340.376
59.5	232.430	250.822	290.079	322.213	336.301
60.0	227.785	246.482	285.878	318.235	332.283
60.5	223.060	242.105	281.617	314.173	328.304
61.0	218.481	237.785	277.466	310.234	324.299
61.5	213.710	233.359	273.189	306.162	320.184
62.0	209.055	229.045	269.024	302.197	316.219
62.5	204.364	224.576	264.744	298.135	312.054
63.0	199.735	220.249	260.636	294.203	308.086
63.5	195.047	215.905	256.485	290.264	304.070
64.0	190.418	211.549	252.387	286.285	300.115
64.5	185.667	207.218	248.219	282.327	296.080
65.0	181.068	202.792	244.124	278.434	292.051
65.5	176.393	198.475	240.026	274.479	288.092
66.0	171.625	194.069	235.968	270.566	284.057
66.5	166.960	189.765	231.939	266.664	280.099
67.0	162.222	185.342	227.841	262.735	276.077
67.5	157.624	181.048	223.856	258.902	272.095
68.0	153.002	176.765	219.973	255.086	268.259
68.5	148.297	172.395	215.975	251.190	264.313
69.0	143.708	168.144	212.086	247.433	260.437
69.5	139.016	163.794	208.157	243.564	256.452
70.0	134.428	159.586	204.354	239.814	252.626
70.5	129.759	155.296	200.461	235.985	248.706
71.0	125.157	151.115	196.698	232.284	244.890
71.5	120.499	146.825	192.875	228.485	240.998
72.0	115.956	142.710	189.165	224.808	237.238
72.5	111.484	138.668	185.501	221.177	233.528
73.0	106.872	134.587	181.788	217.480	229.688
73.5	102.366	130.598	178.164	213.883	226.041
74.0	97.867	126.616	174.510	210.212	222.265
74.5	93.457	122.724	170.962	206.671	218.594
75.0	89.004	118.771	167.378	203.064	214.894
75.5	84.644	114.998	163.913	199.576	211.326
76.0	80.264	111.155	160.402	196.012	207.633
76.5	76.030	107.475	157.023	192.577	204.135
77.0	71.869	103.898	153.681	189.218	200.650
77.5	67.628	100.241	150.346	185.776	197.079
78.0	63.557	96.779	147.067	182.428	193.674
78.5	59.386	93.281	143.814	179.072	190.219
79.0	55.420	89.936	140.641	175.777	186.801
79.5	51.379	86.570	137.438	172.411	183.396
80.0	47.599	83.354	134.322	169.182	180.077
80.5	43.710	80.168	131.195	165.896	176.705
81.0	40.039	77.061	128.178	162.730	173.476
81.5	36.515	74.077	125.227	159.603	170.259
82.0	32.914	71.106	122.230	156.384	167.100
82.5	29.555	68.225	119.372	153.327	163.940

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**PHOTOMETRIC FILENAME : EVT 2 VL UV FA 840.IES**

**CANDELA TABULATION - (Cont.)**

83.0	26.216	65.367	116.450	150.190	160.773
83.5	23.120	62.628	113.665	147.150	157.726
84.0	20.046	59.903	110.804	144.113	154.606
84.5	17.211	57.333	108.082	141.142	151.609
85.0	14.453	54.767	105.274	138.151	148.605
85.5	11.963	52.333	102.598	135.283	145.721
86.0	9.635	50.003	99.962	132.458	142.859
86.5	7.500	47.639	97.280	129.620	139.978
87.0	5.603	45.410	94.710	126.871	137.200
87.5	3.886	43.189	92.141	124.103	134.434
88.0	2.490	41.074	89.654	121.467	131.659
88.5	1.346	39.031	87.243	118.801	128.934
89.0	0.603	37.092	84.850	116.215	126.311
89.5	0.113	35.208	82.535	113.619	123.649
90.0	0.000	33.484	80.291	111.152	121.099
90.5	0.000	31.767	78.092	108.722	118.599
91.0	0.000	30.129	75.894	106.295	116.046
91.5	0.000	28.577	73.805	103.908	113.602
92.0	0.000	27.098	71.653	101.534	111.142
92.5	0.000	25.699	69.681	99.262	108.772
93.0	0.000	24.317	67.642	96.971	106.404
93.5	0.000	23.053	65.738	94.760	104.123
94.0	0.000	21.800	63.829	92.545	101.786
94.5	0.000	20.630	61.995	90.433	99.591
95.0	0.000	19.512	60.238	88.354	97.436
95.5	0.000	18.441	58.437	86.262	95.214
96.0	0.000	17.407	56.707	84.253	93.129
96.5	0.000	16.369	54.986	82.210	91.017
97.0	0.000	15.391	53.308	80.244	89.001
97.5	0.000	14.403	51.634	78.298	86.935
98.0	0.000	13.435	50.056	76.425	84.952
98.5	0.000	12.487	48.457	74.541	82.980
99.0	0.000	11.601	46.985	72.758	81.083
99.5	0.000	10.726	45.533	70.970	79.249
100.0	0.000	9.864	44.078	69.183	77.340
100.5	0.000	9.018	42.655	67.479	75.556
101.0	0.000	8.176	41.223	65.762	73.756
101.5	0.000	7.324	39.897	64.120	72.031
102.0	0.000	6.422	38.504	62.446	70.287
102.5	0.000	5.574	37.175	60.878	68.663
103.0	0.000	4.688	35.808	59.290	66.945
103.5	0.000	3.899	34.509	57.758	65.321
104.0	0.000	3.107	33.173	56.236	63.762
104.5	0.000	2.357	31.873	54.721	62.197
105.0	0.000	1.704	30.600	53.239	60.649
105.5	0.000	1.207	29.330	51.730	59.127
106.0	0.000	0.852	28.086	50.278	57.609
106.5	0.000	0.544	26.873	48.743	56.103
107.0	0.000	0.325	25.693	47.287	54.578
107.5	0.000	0.239	24.502	45.792	53.056
108.0	0.000	0.126	23.358	44.326	51.581
108.5	0.000	0.136	22.228	42.877	50.095
109.0	0.000	0.129	21.061	41.422	48.560
109.5	0.000	0.000	19.907	40.016	47.098
110.0	0.000	0.000	18.677	38.577	45.573
110.5	0.000	0.000	17.503	37.241	44.164

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**CANDELA TABULATION - (Cont.)**

111.0	0.000	0.000	16.266	35.885	42.698
111.5	0.000	0.000	15.050	34.558	41.319
112.0	0.000	0.000	13.803	33.242	39.913
112.5	0.000	0.000	12.632	31.972	38.550
113.0	0.000	0.000	11.465	30.726	37.208
113.5	0.000	0.000	10.312	29.399	35.885
114.0	0.000	0.000	9.168	28.169	34.555
114.5	0.000	0.000	8.027	26.873	33.292
115.0	0.000	0.000	6.946	25.567	32.005
115.5	0.000	0.000	5.859	24.230	30.696
116.0	0.000	0.000	4.828	22.917	29.399
116.5	0.000	0.000	3.899	21.571	28.067
117.0	0.000	0.000	3.156	20.232	26.740
117.5	0.000	0.000	2.613	18.902	25.407
118.0	0.000	0.000	1.979	17.579	23.995
118.5	0.000	0.000	1.522	16.286	22.672
119.0	0.000	0.000	0.925	14.973	21.289
119.5	0.000	0.000	0.564	13.700	19.923
120.0	0.000	0.000	0.351	12.453	18.597
120.5	0.000	0.000	0.322	11.190	17.231
121.0	0.000	0.000	0.312	9.977	15.931
121.5	0.000	0.000	0.153	8.753	14.625
122.0	0.000	0.000	0.000	7.609	13.329
122.5	0.000	0.000	0.000	6.455	12.062
123.0	0.000	0.000	0.000	5.401	10.815
123.5	0.000	0.000	0.000	4.463	9.572
124.0	0.000	0.000	0.000	3.780	8.319
124.5	0.000	0.000	0.000	3.200	7.132
125.0	0.000	0.000	0.000	2.460	6.058
125.5	0.000	0.000	0.000	1.731	5.007
126.0	0.000	0.000	0.000	1.233	4.261
126.5	0.000	0.000	0.000	0.816	3.647
127.0	0.000	0.000	0.000	0.560	3.030
127.5	0.000	0.000	0.000	0.501	2.086
128.0	0.000	0.000	0.000	0.225	1.535
128.5	0.000	0.000	0.000	0.255	1.071
129.0	0.000	0.000	0.000	0.249	0.703
129.5	0.000	0.000	0.000	0.262	0.580
130.0	0.000	0.000	0.000	0.000	0.560
130.5	0.000	0.000	0.000	0.000	0.540
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 VL UV FA 840.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 VL UV FA 840.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 VL UV FA 840.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	222.03	N.A.	11.10
0-30	470.96	N.A.	23.60
0-40	771.16	N.A.	38.70
0-60	1375.18	N.A.	69.00
0-80	1783.45	N.A.	89.50
0-90	1888.18	N.A.	94.70
10-90	1830.67	N.A.	91.80
20-40	549.13	N.A.	27.50
20-50	862.64	N.A.	43.30
40-70	842.31	N.A.	42.30
60-80	408.27	N.A.	20.50
70-80	169.98	N.A.	8.50
80-90	104.73	N.A.	5.30
90-110	91.02	N.A.	4.60
90-120	103.35	N.A.	5.20
90-130	105.08	N.A.	5.30
90-150	105.08	N.A.	5.30
90-180	105.08	N.A.	5.30
110-180	14.06	N.A.	0.70
0-180	1993.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	57.51
10-20	164.52
20-30	248.93
30-40	300.19
40-50	313.51
50-60	290.51
60-70	238.29
70-80	169.98
80-90	104.73
90-100	59.78
100-110	31.24
110-120	12.33
120-130	1.73
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

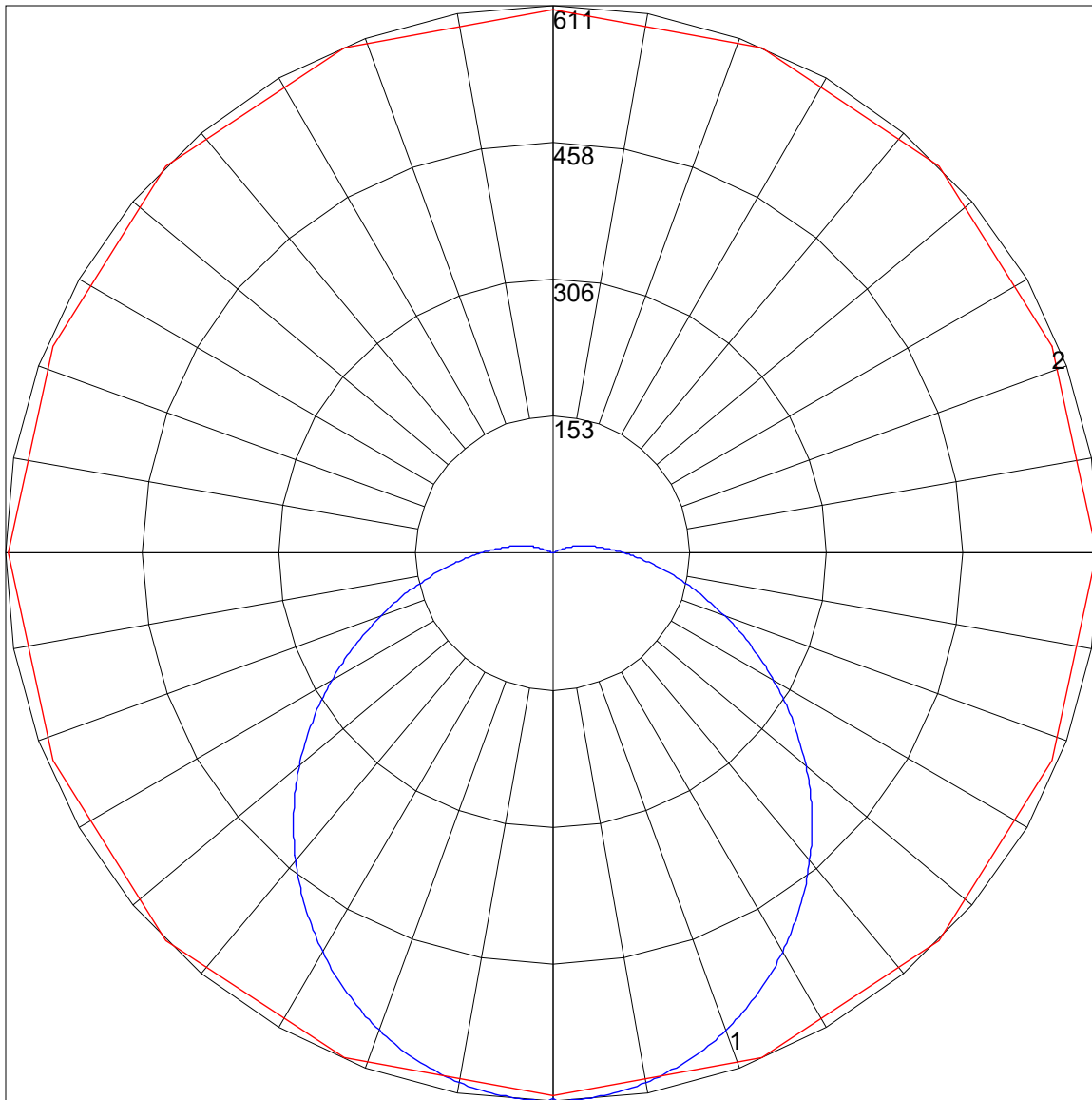
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : EVT 2 VL UV FA 840.IES**

**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	39	39	39	39	38	38	38	38	36	36	36	34	34	34	32	32	32	31
1	35	33	32	30	34	32	31	30	31	29	28	29	28	27	27	27	26	25
2	32	29	26	24	31	28	26	24	26	25	23	25	24	22	24	23	21	21
3	29	25	22	20	28	24	22	20	23	21	19	22	20	18	21	19	18	17
4	26	22	19	17	25	22	19	17	21	18	16	20	17	16	19	17	15	15
5	24	20	17	14	23	19	16	14	18	16	14	18	15	14	17	15	13	12
6	22	18	15	12	22	17	14	12	17	14	12	16	14	12	15	13	12	11
7	21	16	13	11	20	16	13	11	15	13	11	14	12	10	14	12	10	10
8	19	15	12	10	19	14	12	10	14	11	10	13	11	9	13	11	9	9
9	18	13	11	9	17	13	11	9	13	10	9	12	10	8	12	10	8	8
10	17	12	10	8	16	12	10	8	12	9	8	11	9	8	11	9	8	7

POLAR GRAPH



Maximum Candela = 611.191 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.)