IES INDOOR REPORT
PHOTOMETRIC FILENAME : EVT 4 VL 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 4 VL UV FA 840
[LUMINAIRE] Catalog Number: EVT 4 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] Two ULT Everline M10CC840D56N2A boards with 56 LEDs each.
[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	3722
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	30.8
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)	1.16 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	12679	10635	10621
55	11599	9412	9549
65	10204	8096	8414
75	7864	6820	7309
85	3178	5788	6406

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	703.061	703.061	703.061	703.061	703.061
0.5	703.246	698.645	706.676	704.967	700.397
1.0	703.130	698.546	706.592	704.901	700.324
1.5	702.935	698.350	706.400	704.787	700.251
2.0	702.609	698.082	706.174	704.599	700.155
2.5	702.195	697.744	705.879	704.350	699.994
3.0	701.789	697.338	705.492	704.051	699.761
3.5	701.256	696.835	705.039	703.717	699.454
4.0	700.593	696.242	704.518	703.322	699.193
4.5	699.891	695.601	703.963	702.862	698.825
5.0	699.067	694.896	703.337	702.371	698.392
5.5	698.201	694.068	702.613	701.800	697.925
6.0	697.300	693.205	701.896	701.214	697.426
6.5	696.223	692.239	701.037	700.512	696.858
7.0	695.095	691.212	700.140	699.833	696.276
7.5	693.891	690.100	699.155	699.044	695.601
8.0	692.611	688.900	698.124	698.238	694.934
8.5	691.254	687.643	697.024	697.349	694.179
9.0	689.820	686.312	695.908	696.433	693.412
9.5	688.352	684.925	694.712	695.478	692.553
10.0	686.757	683.437	693.412	694.421	691.695
10.5	685.120	681.885	692.074	693.332	690.748
11.0	683.342	680.244	690.652	692.205	689.767
11.5	681.547	678.538	689.191	691.040	688.735
12.0	679.654	676.721	687.612	689.774	687.627
12.5	677.672	674.907	686.079	688.482	686.508
13.0	675.594	672.964	684.358	687.148	685.343
13.5	673.489	670.994	682.667	685.753	684.135
14.0	671.350	668.954	680.903	684.338	682.924
14.5	669.084	666.807	679.067	682.831	681.597
15.0	666.754	664.634	677.165	681.290	680.263
15.5	664.304	662.330	675.161	679.673	678.841
16.0	661.854	660.018	673.156	678.040	677.357
16.5	659.262	657.560	671.039	676.299	675.804
17.0	656.625	655.134	668.916	674.566	674.321
17.5	653.892	652.543	666.703	672.772	672.719
18.0	651.185	649.963	664.438	670.909	671.039
18.5	648.413	647.352	662.164	669.073	669.399
19.0	645.523	644.538	659.799	667.064	667.666
19.5	642.564	641.797	657.373	665.090	665.895
20.0	639.489	638.914	654.838	663.023	664.016
20.5	636.410	635.997	652.282	660.919	662.146
21.0	633.209	632.945	649.664	658.711	660.202
21.5	630.055	629.928	647.018	656.560	658.262
22.0	626.700	626.812	644.285	654.268	656.261
22.5	623.396	623.695	641.555	652.013	654.217
23.0	620.053	620.513	638.795	649.698	652.125
23.5	616.534	617.170	635.885	647.275	649.977
24.0	613.056	613.892	632.987	644.856	647.773
24.5	609.430	610.438	629.966	642.318	645.539
25.0	605.799	607.007	626.965	639.819	643.242
25.5	602.043	603.430	623.871	637.178	640.865
26.0	598.320	599.953	620.765	634.547	638.565
26.5	594.467	596.296	617.553	631.826	636.100

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CANDELA TABULATION - (Cont.)

27.0	590.626	592.631	614.383	629.135	633.658
27.5	586.766	588.973	611.101	626.378	631.170
28.0	582.771	585.186	607.824	623.568	628.628
28.5	578.746	581.406	604.473	620.693	626.052
29.0	574.610	577.488	600.992	617.718	623.331
29.5	570.515	573.601	597.600	614.797	620.678
30.0	566.344	569.564	594.057	611.738	617.944
30.5	562.150	565.616	590.599	608.717	615.234
31.0	557.772	561.517	586.957	605.566	612.393
31.5	553.536	557.466	583.411	602.437	609.560
32.0	549.223	553.375	579.823	599.336	606.666
32.5	544.753	549.135	576.089	596.050	603.691
33.0	540.337	544.938	572.390	592.796	600.728
33.5	535.790	540.647	568.560	589.442	597.653
34.0	531.236	536.327	564.780	586.118	594.636
34.5	526.647	531.992	560.919	582.690	591.401
35.0	522.009	527.575	557.036	579.229	588.257
35.5	517.332	523.201	553.175	575.771	585.067
36.0	512.643	518.773	549.269	572.244	581.801
36.5	507.943	514.322	545.374	568.778	578.539
37.0	503.082	509.756	541.291	565.098	575.169
37.5	498.309	505.248	537.282	561.472	571.792
38.0	493.368	500.602	533.157	557.753	568.322
38.5	488.538	496.032	529.124	554.057	564.918
39.0	483.512	491.340	524.949	550.285	561.391
39.5	478.585	486.740	520.851	546.482	557.856
40.0	473.498	481.955	516.588	542.633	554.146
40.5	468.522	477.294	512.429	538.796	550.623
41.0	463.519	472.624	508.219	534.966	546.900
41.5	458.364	467.817	503.914	530.972	543.258
42.0	453.257	463.067	499.628	527.023	539.524
42.5	448.085	458.206	495.239	522.967	535.664
43.0	443.002	453.429	490.941	518.980	531.926
43.5	437.719	448.614	486.506	514.905	527.989
44.0	432.636	443.777	482.136	510.811	524.129
44.5	427.376	438.881	477.616	506.670	520.150
45.0	422.247	434.051	473.222	502.526	516.243
45.5	417.126	429.239	468.806	498.432	512.264
46.0	411.819	424.268	464.210	494.161	508.196
46.5	406.652	419.383	459.720	489.952	504.083
47.0	401.350	414.408	455.158	485.613	499.923
47.5	396.148	409.512	450.578	481.384	495.856
48.0	390.949	404.528	445.923	476.998	491.589
48.5	385.690	399.629	441.316	472.690	487.441
49.0	380.346	394.596	436.588	468.250	483.175
49.5	375.155	389.723	431.942	463.876	478.912
50.0	369.972	384.858	427.273	459.464	474.660
50.5	364.628	379.786	422.504	455.005	470.274
51.0	359.311	374.891	417.804	450.543	465.961
51.5	354.051	369.834	412.974	446.019	461.530
52.0	348.807	364.958	408.231	441.507	457.175
52.5	343.447	359.878	403.363	436.960	452.674
53.0	338.245	354.994	398.613	432.475	448.297
53.5	332.825	349.903	393.702	427.833	443.788
54.0	327.546	344.927	388.929	423.324	439.306
54.5	322.378	340.036	384.145	418.793	434.840

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CANDELA TABULATION - (Cont.)

55.0	316.931	334.975	379.238	414.170	430.256
55.5	311.667	330.061	374.408	409.596	425.785
56.0	306.289	325.016	369.486	404.939	421.116
56.5	300.971	320.074	364.686	400.346	416.612
57.0	295.585	315.003	359.733	395.700	411.931
57.5	290.287	310.049	354.914	391.110	407.434
58.0	284.832	305.008	349.980	386.449	402.730
58.5	279.488	300.017	345.123	381.833	398.119
59.0	274.155	295.029	340.274	377.214	393.552
59.5	268.743	290.007	335.397	372.552	388.841
60.0	263.371	284.989	330.540	367.952	384.195
60.5	257.909	279.929	325.614	363.256	379.595
61.0	252.614	274.934	320.814	358.702	374.963
61.5	247.098	269.816	315.869	353.994	370.206
62.0	241.716	264.828	311.054	349.409	365.621
62.5	236.291	259.661	306.105	344.712	360.806
63.0	230.939	254.658	301.354	340.166	356.217
63.5	225.519	249.636	296.555	335.612	351.575
64.0	220.167	244.599	291.817	331.012	347.001
64.5	214.673	239.592	286.998	326.434	342.336
65.0	209.356	234.474	282.263	321.933	337.678
65.5	203.951	229.482	277.525	317.360	333.101
66.0	198.438	224.388	272.833	312.836	328.435
66.5	193.044	219.412	268.175	308.324	323.858
67.0	187.566	214.297	263.436	303.782	319.208
67.5	182.249	209.333	258.829	299.350	314.604
68.0	176.905	204.380	254.340	294.937	310.168
68.5	171.465	199.327	249.717	290.433	305.606
69.0	166.160	194.413	245.220	286.090	301.125
69.5	160.735	189.383	240.677	281.616	296.517
70.0	155.429	184.518	236.280	277.280	292.093
70.5	150.031	179.558	231.779	272.852	287.561
71.0	144.711	174.724	227.428	268.574	283.149
71.5	139.324	169.763	223.008	264.181	278.649
72.0	134.072	165.006	218.718	259.929	274.301
72.5	128.900	160.332	214.482	255.731	270.011
73.0	123.568	155.613	210.188	251.457	265.572
73.5	118.358	151.001	205.998	247.297	261.355
74.0	113.156	146.397	201.773	243.054	256.989
74.5	108.058	141.897	197.671	238.959	252.745
75.0	102.909	137.327	193.527	234.789	248.466
75.5	97.868	132.964	189.521	230.755	244.342
76.0	92.803	128.521	185.461	226.634	240.071
76.5	87.908	124.266	181.555	222.663	236.026
77.0	83.097	120.129	177.691	218.779	231.997
77.5	78.194	115.901	173.834	214.800	227.869
78.0	73.486	111.899	170.043	210.928	223.932
78.5	68.664	107.854	166.282	207.048	219.937
79.0	64.079	103.986	162.613	203.238	215.985
79.5	59.405	100.095	158.910	199.347	212.047
80.0	55.035	96.377	155.306	195.613	208.210
80.5	50.538	92.693	151.691	191.814	204.311
81.0	46.295	89.100	148.203	188.153	200.578
81.5	42.219	85.650	144.791	184.538	196.859
82.0	38.056	82.215	141.325	180.815	193.205
82.5	34.173	78.884	138.021	177.280	189.552

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CANDELA TABULATION - (Cont.)

83.0	30.312	75.579	134.643	173.654	185.891
83.5	26.732	72.413	131.423	170.138	182.368
84.0	23.178	69.262	128.115	166.627	178.760
84.5	19.900	66.290	124.968	163.192	175.295
85.0	16.711	63.323	121.720	159.734	171.822
85.5	13.831	60.509	118.627	156.418	168.486
86.0	11.141	57.815	115.579	153.152	165.178
86.5	8.671	55.081	112.478	149.870	161.847
87.0	6.479	52.505	109.506	146.693	158.634
87.5	4.493	49.936	106.536	143.492	155.437
88.0	2.879	47.491	103.660	140.443	152.228
88.5	1.557	45.129	100.874	137.361	149.077
89.0	0.698	42.886	98.105	134.371	146.044
89.5	0.131	40.709	95.429	131.370	142.966
90.0	0.000	38.715	92.834	128.517	140.018
90.5	0.000	36.730	90.293	125.707	137.128
91.0	0.000	34.836	87.751	122.901	134.176
91.5	0.000	33.041	85.336	120.141	131.350
92.0	0.000	31.332	82.848	117.396	128.506
92.5	0.000	29.714	80.567	114.770	125.765
93.0	0.000	28.115	78.209	112.121	123.028
93.5	0.000	26.655	76.009	109.564	120.390
94.0	0.000	25.206	73.800	107.003	117.687
94.5	0.000	23.853	71.681	104.561	115.150
95.0	0.000	22.561	69.649	102.158	112.658
95.5	0.000	21.323	67.567	99.739	110.089
96.0	0.000	20.126	65.566	97.416	107.678
96.5	0.000	18.926	63.576	95.054	105.236
97.0	0.000	17.795	61.637	92.781	102.905
97.5	0.000	16.653	59.701	90.530	100.517
98.0	0.000	15.533	57.876	88.364	98.224
98.5	0.000	14.438	56.028	86.187	95.943
99.0	0.000	13.413	54.326	84.124	93.751
99.5	0.000	12.402	52.647	82.058	91.631
100.0	0.000	11.405	50.964	79.992	89.422
100.5	0.000	10.427	49.319	78.021	87.360
101.0	0.000	9.453	47.663	76.035	85.278
101.5	0.000	8.468	46.130	74.138	83.285
102.0	0.000	7.426	44.519	72.202	81.268
102.5	0.000	6.444	42.982	70.389	79.390
103.0	0.000	5.421	41.403	68.552	77.404
103.5	0.000	4.508	39.900	66.781	75.526
104.0	0.000	3.592	38.355	65.022	73.724
104.5	0.000	2.726	36.852	63.269	71.914
105.0	0.000	1.970	35.380	61.556	70.124
105.5	0.000	1.396	33.912	59.811	68.365
106.0	0.000	0.985	32.474	58.132	66.609
106.5	0.000	0.628	31.071	56.358	64.868
107.0	0.000	0.376	29.707	54.675	63.105
107.5	0.000	0.276	28.330	52.946	61.345
108.0	0.000	0.146	27.008	51.251	59.639
108.5	0.000	0.157	25.700	49.576	57.922
109.0	0.000	0.149	24.351	47.893	56.147
109.5	0.000	0.000	23.017	46.267	54.456
110.0	0.000	0.000	21.594	44.604	52.693
110.5	0.000	0.000	20.237	43.059	51.063

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	18.808	41.491	49.369
111.5	0.000	0.000	17.401	39.957	47.774
112.0	0.000	0.000	15.959	38.436	46.148
112.5	0.000	0.000	14.606	36.968	44.573
113.0	0.000	0.000	13.257	35.526	43.020
113.5	0.000	0.000	11.923	33.993	41.491
114.0	0.000	0.000	10.600	32.570	39.954
114.5	0.000	0.000	9.281	31.071	38.493
115.0	0.000	0.000	8.031	29.561	37.006
115.5	0.000	0.000	6.774	28.016	35.491
116.0	0.000	0.000	5.582	26.498	33.993
116.5	0.000	0.000	4.508	24.942	32.451
117.0	0.000	0.000	3.649	23.392	30.918
117.5	0.000	0.000	3.021	21.855	29.377
118.0	0.000	0.000	2.288	20.326	27.744
118.5	0.000	0.000	1.760	18.831	26.214
119.0	0.000	0.000	1.069	17.312	24.615
119.5	0.000	0.000	0.652	15.841	23.036
120.0	0.000	0.000	0.406	14.399	21.503
120.5	0.000	0.000	0.372	12.939	19.923
121.0	0.000	0.000	0.360	11.536	18.421
121.5	0.000	0.000	0.176	10.121	16.910
122.0	0.000	0.000	0.000	8.798	15.411
122.5	0.000	0.000	0.000	7.464	13.947
123.0	0.000	0.000	0.000	6.245	12.505
123.5	0.000	0.000	0.000	5.160	11.067
124.0	0.000	0.000	0.000	4.370	9.619
124.5	0.000	0.000	0.000	3.699	8.246
125.0	0.000	0.000	0.000	2.844	7.004
125.5	0.000	0.000	0.000	2.001	5.789
126.0	0.000	0.000	0.000	1.426	4.926
126.5	0.000	0.000	0.000	0.943	4.217
127.0	0.000	0.000	0.000	0.648	3.504
127.5	0.000	0.000	0.000	0.579	2.412
128.0	0.000	0.000	0.000	0.261	1.775
128.5	0.000	0.000	0.000	0.295	1.238
129.0	0.000	0.000	0.000	0.287	0.813
129.5	0.000	0.000	0.000	0.303	0.671
130.0	0.000	0.000	0.000	0.000	0.648
130.5	0.000	0.000	0.000	0.000	0.625
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

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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

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IES INDOOR REPORT
PHOTOMETRIC FILENAME : EVT 4 VL UV FA 840(S).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	414.62	N.A.	11.10
0-30	879.49	N.A.	23.60
0-40	1440.07	N.A.	38.70
0-60	2568.02	N.A.	69.00
0-80	3330.44	N.A.	89.50
0-90	3526.01	N.A.	94.70
10-90	3418.62	N.A.	91.80
20-40	1025.45	N.A.	27.50
20-50	1610.91	N.A.	43.30
40-70	1572.95	N.A.	42.30
60-80	762.41	N.A.	20.50
70-80	317.42	N.A.	8.50
80-90	195.57	N.A.	5.30
90-110	169.98	N.A.	4.60
90-120	193.00	N.A.	5.20
90-130	196.22	N.A.	5.30
90-150	196.23	N.A.	5.30
90-180	196.23	N.A.	5.30
110-180	26.25	N.A.	0.70
0-180	3722.24	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.39
10-20	307.23
20-30	464.86
30-40	560.58
40-50	585.46
50-60	542.50
60-70	444.99
70-80	317.42
80-90	195.57
90-100	111.64
100-110	58.34
110-120	23.02
120-130	3.23
130-140	0.01
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	106	100	95	91	102	98	93	89	92	89	85	87	84	82	83	81	78	76
2	96	87	79	73	92	84	77	72	80	74	69	76	71	67	72	68	65	62
3	87	76	67	60	84	74	66	59	70	63	57	66	61	56	63	58	54	52
4	79	67	58	51	77	65	57	50	62	55	49	59	53	47	56	51	46	44
5	73	60	50	43	70	58	49	43	55	48	42	53	46	41	50	45	40	38
6	67	54	44	38	65	52	44	37	50	42	37	48	41	36	46	40	35	33
7	62	48	39	33	60	47	39	33	45	38	32	43	37	32	42	36	31	29
8	58	44	35	30	56	43	35	29	41	34	29	40	33	28	38	32	28	26
9	54	41	32	27	52	40	32	26	38	31	26	37	30	25	35	29	25	23
10	51	37	29	24	49	37	29	24	35	28	23	34	28	23	33	27	23	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : EVT 4 VL UV FA 840(S).IES

POLAR GRAPH

Maximum Candela = 1141.347 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.)