IES INDOOR REPORT
PHOTOMETRIC FILENAME : EVT 4 LW UV FA 850(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 LW UV FA 850
[LUMINAIRE] Catalog Number: EVT 4 LW UV FA 850
[MORE] Surface mounted, formed gray plastic housing with frosted section below LEDs,
[MORE] formed white enamel steel LED tray/reflector.
[MORE] Two ULT Everline M10CC850D56N2A boards with 56 LEDs each.
[MORE] One ULT Everline D15CC55UNVPW-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	4850
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	41.1
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	16521	13857	13838
55	15113	12264	12443
65	13295	10549	10963
75	10246	8886	9524
85	4141	7542	8347

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	1193.616	1193.616	1193.616	1193.616	1193.616
0.5	1193.928	1186.118	1199.753	1196.850	1189.093
1.0	1193.733	1185.949	1199.610	1196.740	1188.968
1.5	1193.401	1185.617	1199.284	1196.544	1188.845
2.0	1192.848	1185.161	1198.900	1196.226	1188.682
2.5	1192.144	1184.588	1198.399	1195.802	1188.409
3.0	1191.455	1183.899	1197.742	1195.295	1188.011
3.5	1190.550	1183.046	1196.974	1194.728	1187.491
4.0	1189.424	1182.037	1196.089	1194.058	1187.048
4.5	1188.233	1180.950	1195.145	1193.277	1186.424
5.0	1186.834	1179.753	1194.084	1192.444	1185.688
5.5	1185.363	1178.347	1192.854	1191.474	1184.894
6.0	1183.833	1176.882	1191.637	1190.479	1184.048
6.5	1182.004	1175.242	1190.179	1189.288	1183.085
7.0	1180.091	1173.498	1188.656	1188.136	1182.096
7.5	1178.047	1171.610	1186.984	1186.795	1180.950
8.0	1175.874	1169.573	1185.233	1185.428	1179.817
8.5	1173.570	1167.439	1183.365	1183.918	1178.535
9.0	1171.135	1165.180	1181.471	1182.363	1177.234
9.5	1168.643	1162.824	1179.441	1180.742	1175.776
10.0	1165.935	1160.299	1177.234	1178.945	1174.318
10.5	1163.156	1157.663	1174.962	1177.097	1172.711
11.0	1160.136	1154.877	1172.548	1175.183	1171.044
11.5	1157.090	1151.981	1170.068	1173.205	1169.293
12.0	1153.875	1148.896	1167.387	1171.058	1167.413
12.5	1150.511	1145.818	1164.784	1168.864	1165.512
13.0	1146.983	1142.518	1161.861	1166.599	1163.534
13.5	1143.410	1139.172	1158.990	1164.230	1161.483
14.0	1139.778	1135.710	1155.996	1161.828	1159.427
14.5	1135.931	1132.065	1152.879	1159.270	1157.175
15.0	1131.974	1128.375	1149.651	1156.654	1154.910
15.5	1127.815	1124.463	1146.247	1153.908	1152.495
16.0	1123.656	1120.539	1142.843	1151.135	1149.976
16.5	1119.256	1116.367	1139.251	1148.180	1147.341
17.0	1114.779	1112.247	1135.645	1145.238	1144.822
17.5	1110.138	1107.847	1131.889	1142.192	1142.101
18.0	1105.543	1103.467	1128.043	1139.029	1139.251
18.5	1100.837	1099.035	1124.184	1135.912	1136.465
19.0	1095.931	1094.258	1120.168	1132.501	1133.523
19.5	1090.906	1089.604	1116.048	1129.149	1130.516
20.0	1085.686	1084.710	1111.746	1125.642	1127.327
20.5	1080.460	1079.757	1107.405	1122.069	1124.151
21.0	1075.025	1074.576	1102.959	1118.320	1120.851
21.5	1069.669	1069.454	1098.469	1114.668	1117.558
22.0	1063.974	1064.163	1093.828	1110.776	1114.161
22.5	1058.364	1058.871	1089.194	1106.949	1110.692
23.0	1052.688	1053.469	1084.508	1103.018	1107.138
23.5	1046.713	1047.794	1079.568	1098.904	1103.493
24.0	1040.810	1042.229	1074.648	1094.798	1099.751
24.5	1034.653	1036.365	1069.519	1090.489	1095.957
25.0	1028.490	1030.540	1064.423	1086.246	1092.058
25.5	1022.112	1024.467	1059.170	1081.762	1088.023
26.0	1015.792	1018.564	1053.899	1077.296	1084.118
26.5	1009.251	1012.356	1048.445	1072.675	1079.933

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CANDELA TABULATION - (Cont.)

27.0	1002.729	1006.133	1043.062	1068.107	1075.787
27.5	996.175	999.924	1037.491	1063.427	1071.563
28.0	989.394	993.494	1031.926	1058.657	1067.248
28.5	982.560	987.077	1026.238	1053.775	1062.874
29.0	975.537	980.425	1020.329	1048.725	1058.253
29.5	968.586	973.825	1014.568	1043.766	1053.749
30.0	961.505	966.972	1008.554	1038.572	1049.109
30.5	954.385	960.269	1002.684	1033.443	1044.507
31.0	946.952	953.311	996.501	1028.093	1039.684
31.5	939.760	946.431	990.481	1022.782	1034.874
32.0	932.438	939.487	984.389	1017.516	1029.960
32.5	924.849	932.289	978.049	1011.939	1024.910
33.0	917.352	925.162	971.769	1006.413	1019.879
33.5	909.633	917.879	965.267	1000.718	1014.660
34.0	901.901	910.544	958.850	995.076	1009.538
34.5	894.110	903.183	952.296	989.257	1004.044
35.0	886.235	895.685	945.703	983.380	998.707
35.5	878.295	888.259	939.149	977.510	993.292
36.0	870.335	880.742	932.516	971.521	987.747
36.5	862.355	873.186	925.904	965.638	982.208
37.0	854.103	865.434	918.973	959.390	976.488
37.5	846.000	857.780	912.165	953.233	970.753
38.0	837.610	849.892	905.161	946.919	964.863
38.5	829.410	842.134	898.314	940.645	959.084
39.0	820.877	834.167	891.227	934.241	953.096
39.5	812.514	826.357	884.270	927.785	947.095
40.0	803.877	818.235	877.032	921.250	940.795
40.5	795.429	810.321	869.970	914.736	934.814
41.0	786.935	802.393	862.824	908.233	928.494
41.5	778.182	794.232	855.515	901.452	922.311
42.0	769.513	786.167	848.239	894.748	915.972
42.5	760.733	777.915	840.787	887.862	909.418
43.0	752.102	769.806	833.490	881.093	903.073
43.5	743.134	761.631	825.960	874.175	896.388
44.0	734.504	753.417	818.541	867.224	889.834
44.5	725.574	745.106	810.868	860.195	883.078
45.0	716.866	736.906	803.408	853.159	876.447
45.5	708.171	728.737	795.910	846.208	869.690
46.0	699.163	720.295	788.107	838.958	862.785
46.5	690.389	712.004	780.485	831.812	855.801
47.0	681.388	703.556	772.741	824.444	848.740
47.5	672.556	695.245	764.963	817.265	841.835
48.0	663.731	686.784	757.062	809.820	834.591
48.5	654.801	678.466	749.238	802.504	827.548
49.0	645.728	669.920	741.214	794.967	820.304
49.5	636.916	661.648	733.325	787.541	813.067
50.0	628.116	653.389	725.398	780.050	805.849
50.5	619.044	644.778	717.302	772.480	798.403
51.0	610.017	636.467	709.323	764.905	791.081
51.5	601.087	627.882	701.121	757.224	783.557
52.0	592.184	619.603	693.071	749.564	776.164
52.5	583.084	610.980	684.805	741.845	768.523
53.0	574.253	602.688	676.741	734.230	761.090
53.5	565.049	594.045	668.404	726.348	753.437
54.0	556.088	585.597	660.301	718.695	745.828
54.5	547.315	577.292	652.178	711.002	738.246

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CANDELA TABULATION - (Cont.)

55.0	538.066	568.701	643.848	703.153	730.462
55.5	529.130	560.357	635.647	695.388	722.873
56.0	519.998	551.792	627.290	687.480	714.946
56.5	510.971	543.403	619.141	679.683	707.299
57.0	501.827	534.792	610.732	671.795	699.351
57.5	492.833	526.383	602.551	664.005	691.717
58.0	483.571	517.825	594.175	656.090	683.731
58.5	474.498	509.351	585.929	648.254	675.902
59.0	465.445	500.883	577.696	640.411	668.150
59.5	456.255	492.357	569.417	632.497	660.151
60.0	447.137	483.837	561.171	624.687	652.263
60.5	437.862	475.246	552.807	616.714	644.453
61.0	428.873	466.766	544.659	608.982	636.590
61.5	419.508	458.077	536.263	600.989	628.514
62.0	410.370	449.609	528.088	593.205	620.730
62.5	401.161	440.836	519.686	585.233	612.555
63.0	392.075	432.342	511.622	577.514	604.764
63.5	382.872	423.817	503.474	569.782	596.883
64.0	373.786	415.264	495.429	561.972	589.118
64.5	364.459	406.765	487.248	554.200	581.197
65.0	355.433	398.076	479.210	546.560	573.290
65.5	346.256	389.602	471.166	538.795	565.518
66.0	336.897	380.952	463.199	531.115	557.598
66.5	327.739	372.504	455.291	523.454	549.827
67.0	318.438	363.822	447.247	515.742	541.932
67.5	309.412	355.393	439.424	508.218	534.116
68.0	300.338	346.984	431.803	500.727	526.585
68.5	291.103	338.406	423.953	493.079	518.840
69.0	282.095	330.063	416.319	485.706	511.231
69.5	272.886	321.523	408.606	478.110	503.408
70.0	263.878	313.264	401.141	470.749	495.897
70.5	254.714	304.842	393.501	463.232	488.205
71.0	245.681	296.635	386.113	455.968	480.714
71.5	236.536	288.214	378.609	448.510	473.073
72.0	227.619	280.136	371.326	441.292	465.692
72.5	218.840	272.203	364.134	434.165	458.409
73.0	209.786	264.191	356.844	426.908	450.872
73.5	200.942	256.361	349.731	419.847	443.713
74.0	192.110	248.544	342.559	412.642	436.300
74.5	183.453	240.903	335.595	405.691	429.095
75.0	174.713	233.146	328.559	398.609	421.831
75.5	166.154	225.739	321.758	391.762	414.829
76.0	157.556	218.196	314.865	384.766	407.578
76.5	149.245	210.971	308.233	378.023	400.711
77.0	141.077	203.949	301.673	371.431	393.871
77.5	132.753	196.769	295.125	364.675	386.862
78.0	124.761	189.975	288.689	358.101	380.177
78.5	116.573	183.109	282.303	351.514	373.396
79.0	108.789	176.542	276.075	345.045	366.685
79.5	100.855	169.935	269.788	338.439	360.001
80.0	93.435	163.622	263.670	332.100	353.487
80.5	85.801	157.368	257.533	325.650	346.867
81.0	78.596	151.269	251.610	319.434	340.528
81.5	71.677	145.412	245.817	313.297	334.215
82.0	64.609	139.580	239.934	306.977	328.012
82.5	58.017	133.924	234.324	300.976	321.810

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CANDELA TABULATION - (Cont.)

83.0	51.463	128.314	228.589	294.819	315.595
83.5	45.384	122.938	223.123	288.851	309.613
84.0	39.350	117.588	217.505	282.889	303.489
84.5	33.785	112.544	212.162	277.058	297.605
85.0	28.370	107.507	206.650	271.187	291.708
85.5	23.483	102.729	201.397	265.558	286.046
86.0	18.913	98.154	196.223	260.012	280.429
86.5	14.722	93.514	190.958	254.441	274.773
87.0	10.999	89.139	185.914	249.046	269.319
87.5	7.628	84.779	180.870	243.611	263.891
88.0	4.888	80.627	175.988	238.437	258.444
88.5	2.642	76.618	171.257	233.204	253.094
89.0	1.184	72.810	166.557	228.128	247.945
89.5	0.221	69.113	162.015	223.031	242.719
90.0	0.000	65.729	157.608	218.189	237.714
90.5	0.000	62.358	153.294	213.418	232.807
91.0	0.000	59.142	148.978	208.654	227.795
91.5	0.000	56.096	144.878	203.968	222.998
92.0	0.000	53.194	140.654	199.308	218.169
92.5	0.000	50.447	136.781	194.850	213.516
93.0	0.000	47.733	132.779	190.352	208.869
93.5	0.000	45.253	129.043	186.011	204.391
94.0	0.000	42.793	125.294	181.664	199.803
94.5	0.000	40.496	121.695	177.518	195.494
95.0	0.000	38.302	118.245	173.437	191.263
95.5	0.000	36.200	114.712	169.330	186.903
96.0	0.000	34.169	111.314	165.386	182.809
96.5	0.000	32.132	107.936	161.376	178.663
97.0	0.000	30.212	104.643	157.517	174.706
97.5	0.000	28.273	101.356	153.697	170.652
98.0	0.000	26.372	98.258	150.020	166.759
98.5	0.000	24.511	95.121	146.323	162.887
99.0	0.000	22.773	92.231	142.821	159.164
99.5	0.000	21.055	89.381	139.313	155.565
100.0	0.000	19.363	86.523	135.805	151.816
100.5	0.000	17.703	83.731	132.460	148.314
101.0	0.000	16.049	80.919	129.089	144.780
101.5	0.000	14.377	78.316	125.867	141.396
102.0	0.000	12.607	75.583	122.580	137.973
102.5	0.000	10.940	72.973	119.501	134.784
103.0	0.000	9.203	70.291	116.384	131.412
103.5	0.000	7.654	67.739	113.377	128.223
104.0	0.000	6.098	65.117	110.390	125.164
104.5	0.000	4.628	62.566	107.415	122.092
105.0	0.000	3.346	60.067	104.506	119.053
105.5	0.000	2.369	57.574	101.545	116.065
106.0	0.000	1.672	55.133	98.694	113.084
106.5	0.000	1.067	52.751	95.680	110.129
107.0	0.000	0.638	50.434	92.824	107.135
107.5	0.000	0.469	48.098	89.888	104.148
108.0	0.000	0.248	45.852	87.011	101.252
108.5	0.000	0.267	43.632	84.167	98.336
109.0	0.000	0.254	41.342	81.310	95.322
109.5	0.000	0.000	39.077	78.551	92.453
110.0	0.000	0.000	36.662	75.726	89.459
110.5	0.000	0.000	34.358	73.103	86.692

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	31.930	70.440	83.816
111.5	0.000	0.000	29.542	67.837	81.108
112.0	0.000	0.000	27.095	65.254	78.348
112.5	0.000	0.000	24.797	62.761	75.674
113.0	0.000	0.000	22.506	60.313	73.037
113.5	0.000	0.000	20.241	57.710	70.440
114.0	0.000	0.000	17.996	55.295	67.831
114.5	0.000	0.000	15.757	52.751	65.352
115.0	0.000	0.000	13.635	50.186	62.826
115.5	0.000	0.000	11.500	47.564	60.255
116.0	0.000	0.000	9.476	44.986	57.710
116.5	0.000	0.000	7.654	42.344	55.094
117.0	0.000	0.000	6.196	39.715	52.490
117.5	0.000	0.000	5.129	37.105	49.874
118.0	0.000	0.000	3.885	34.508	47.101
118.5	0.000	0.000	2.987	31.970	44.505
119.0	0.000	0.000	1.816	29.392	41.790
119.5	0.000	0.000	1.106	26.893	39.110
120.0	0.000	0.000	0.690	24.445	36.506
120.5	0.000	0.000	0.632	21.966	33.825
121.0	0.000	0.000	0.612	19.584	31.273
121.5	0.000	0.000	0.299	17.182	28.709
122.0	0.000	0.000	0.000	14.937	26.164
122.5	0.000	0.000	0.000	12.672	23.678
123.0	0.000	0.000	0.000	10.602	21.230
123.5	0.000	0.000	0.000	8.760	18.790
124.0	0.000	0.000	0.000	7.420	16.329
124.5	0.000	0.000	0.000	6.281	14.000
125.0	0.000	0.000	0.000	4.829	11.891
125.5	0.000	0.000	0.000	3.397	9.828
126.0	0.000	0.000	0.000	2.421	8.364
126.5	0.000	0.000	0.000	1.601	7.159
127.0	0.000	0.000	0.000	1.100	5.949
127.5	0.000	0.000	0.000	0.983	4.093
128.0	0.000	0.000	0.000	0.443	3.013
128.5	0.000	0.000	0.000	0.501	2.102
129.0	0.000	0.000	0.000	0.488	1.380
129.5	0.000	0.000	0.000	0.514	1.139
130.0	0.000	0.000	0.000	0.000	1.100
130.5	0.000	0.000	0.000	0.000	1.061
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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PHOTOMETRIC FILENAME : EVT 4 LW UV FA 850(S).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	540.24	N.A.	11.10
0-30	1145.95	N.A.	23.60
0-40	1876.37	N.A.	38.70
0-60	3346.07	N.A.	69.00
0-80	4339.48	N.A.	89.50
0-90	4594.3	N.A.	94.70
10-90	4454.37	N.A.	91.80
20-40	1336.13	N.A.	27.50
20-50	2098.97	N.A.	43.30
40-70	2049.51	N.A.	42.30
60-80	993.41	N.A.	20.50
70-80	413.59	N.A.	8.50
80-90	254.82	N.A.	5.30
90-110	221.48	N.A.	4.60
90-120	251.47	N.A.	5.20
90-130	255.67	N.A.	5.30
90-150	255.68	N.A.	5.30
90-180	255.68	N.A.	5.30
110-180	34.21	N.A.	0.70
0-180	4849.98	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	139.93
10-20	400.31
20-30	605.71
30-40	730.43
40-50	762.84
50-60	706.86
60-70	579.81
70-80	413.59
80-90	254.82
90-100	145.46
100-110	76.01
110-120	29.99
120-130	4.20
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	121	121	121	121	118	118	118	118	111	111	111	106	106	106	100	100	100	98
1	109	103	98	94	106	100	96	92	95	91	88	90	87	84	85	83	81	78
2	99	89	82	75	95	87	80	74	82	76	71	78	73	69	74	70	66	64
3	90	78	69	62	86	76	68	61	72	65	59	68	62	57	65	60	56	53
4	82	69	59	52	79	67	58	51	64	56	50	61	54	49	58	52	48	45
5	75	61	52	45	72	60	51	44	57	49	43	54	48	42	52	46	41	39
6	69	55	46	39	67	54	45	38	51	44	38	49	42	37	47	41	36	34
7	64	50	41	34	62	49	40	34	47	39	33	45	38	33	43	37	32	30
8	60	46	37	30	58	45	36	30	43	35	30	41	34	29	39	33	29	27
9	56	42	33	27	54	41	33	27	39	32	27	38	31	26	36	30	26	24
10	52	38	30	25	51	38	30	25	36	29	24	35	28	24	34	28	23	22

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POLAR GRAPH

Maximum Candela = 1487.145 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.)