IES INDOOR REPORT
PHOTOMETRIC FILENAME : EVT 4 VL 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 VL UV FA 850
[LUMINAIRE] Catalog Number: EVT 4 VL 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 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	3834
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	124
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	13060	10954	10939
55	11947	9695	9836
65	10510	8339	8666
75	8100	7024	7528
85	3274	5962	6599

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	745.887	745.887	745.887	745.887	745.887
0.5	746.082	741.201	749.722	747.908	743.060
1.0	745.960	741.096	749.632	747.839	742.983
1.5	745.752	740.888	749.429	747.717	742.905
2.0	745.407	740.603	749.189	747.518	742.804
2.5	744.967	740.245	748.876	747.253	742.633
3.0	744.536	739.814	748.465	746.936	742.385
3.5	743.971	739.282	747.985	746.582	742.059
4.0	743.268	738.651	747.432	746.163	741.783
4.5	742.523	737.972	746.842	745.675	741.393
5.0	741.648	737.224	746.180	745.155	740.933
5.5	740.729	736.345	745.410	744.548	740.437
6.0	739.774	735.430	744.650	743.926	739.908
6.5	738.631	734.405	743.739	743.182	739.306
7.0	737.435	733.315	742.787	742.462	738.688
7.5	736.158	732.136	741.742	741.624	737.972
8.0	734.800	730.863	740.648	740.770	737.265
8.5	733.360	729.529	739.481	739.826	736.463
9.0	731.839	728.118	738.297	738.855	735.650
9.5	730.281	726.645	737.029	737.842	734.739
10.0	728.589	725.067	735.650	736.719	733.828
10.5	726.852	723.420	734.230	735.564	732.823
11.0	724.965	721.679	732.721	734.369	731.782
11.5	723.062	719.869	731.172	733.132	730.688
12.0	721.053	717.942	729.496	731.790	729.512
12.5	718.950	716.018	727.869	730.419	728.325
13.0	716.746	713.956	726.043	729.004	727.088
13.5	714.513	711.865	724.250	727.524	725.807
14.0	712.244	709.702	722.379	726.023	724.522
14.5	709.840	707.424	720.431	724.424	723.115
15.0	707.367	705.118	718.413	722.789	721.699
15.5	704.768	702.674	716.286	721.073	720.190
16.0	702.169	700.221	714.159	719.340	718.617
16.5	699.420	697.614	711.914	717.494	716.969
17.0	696.622	695.039	709.661	715.656	715.395
17.5	693.722	692.290	707.314	713.752	713.696
18.0	690.851	689.553	704.910	711.776	711.914
18.5	687.910	686.783	702.499	709.828	710.174
19.0	684.843	683.798	699.989	707.697	708.335
19.5	681.704	680.890	697.415	705.602	706.456
20.0	678.442	677.832	694.726	703.410	704.463
20.5	675.176	674.737	692.014	701.177	702.479
21.0	671.780	671.499	689.236	698.835	700.416
21.5	668.433	668.298	686.430	696.553	698.358
22.0	664.874	664.992	683.529	694.120	696.235
22.5	661.368	661.686	680.634	691.729	694.067
23.0	657.822	658.309	677.706	689.272	691.847
23.5	654.088	654.763	674.619	686.702	689.569
24.0	650.399	651.286	671.544	684.136	687.231
24.5	646.551	647.622	668.339	681.443	684.860
25.0	642.700	643.981	665.154	678.792	682.424
25.5	638.714	640.187	661.872	675.989	679.902
26.0	634.765	636.497	658.578	673.199	677.461
26.5	630.677	632.617	655.170	670.312	674.847

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CANDELA TABULATION - (Cont.)

27.0	626.602	628.730	651.806	667.457	672.255
27.5	622.507	624.850	648.325	664.532	669.616
28.0	618.269	620.831	644.847	661.551	666.920
28.5	613.999	616.821	641.293	658.501	664.187
29.0	609.610	612.665	637.600	655.345	661.299
29.5	605.266	608.540	634.001	652.246	658.485
30.0	600.842	604.258	630.243	649.000	655.584
30.5	596.392	600.069	626.574	645.795	652.709
31.0	591.747	595.721	622.710	642.452	649.695
31.5	587.253	591.422	618.948	639.133	646.690
32.0	582.677	587.082	615.142	635.843	643.619
32.5	577.935	582.584	611.180	632.357	640.463
33.0	573.250	578.131	607.255	628.905	637.320
33.5	568.427	573.579	603.192	625.346	634.057
34.0	563.595	568.996	599.182	621.819	630.857
34.5	558.727	564.396	595.087	618.184	627.424
35.0	553.805	559.711	590.967	614.511	624.089
35.5	548.844	555.070	586.871	610.843	620.705
36.0	543.869	550.373	582.727	607.101	617.240
36.5	538.883	545.651	578.595	603.424	613.779
37.0	533.726	540.807	574.263	599.519	610.204
37.5	528.662	536.024	570.009	595.672	606.621
38.0	523.420	531.095	565.633	591.727	602.940
38.5	518.295	526.247	561.354	587.806	599.328
39.0	512.964	521.268	556.925	583.804	595.587
39.5	507.737	516.388	552.577	579.770	591.837
40.0	502.340	511.312	548.055	575.687	587.900
40.5	497.061	506.367	543.641	571.615	584.162
41.0	491.754	501.413	539.176	567.552	580.213
41.5	486.283	496.313	534.609	563.314	576.349
42.0	480.866	491.274	530.061	559.125	572.388
42.5	475.379	486.117	525.405	554.822	568.293
43.0	469.987	481.049	520.846	550.592	564.327
43.5	464.382	475.940	516.140	546.269	560.150
44.0	458.989	470.808	511.503	541.925	556.054
44.5	453.409	465.614	506.708	537.533	551.833
45.0	447.967	460.490	502.048	533.137	547.689
45.5	442.534	455.385	497.362	528.792	543.467
46.0	436.904	450.111	492.486	524.262	539.152
46.5	431.422	444.929	487.723	519.796	534.788
47.0	425.798	439.650	482.883	515.193	530.375
47.5	420.278	434.456	478.023	510.706	526.060
48.0	414.763	429.169	473.085	506.054	521.533
48.5	409.183	423.971	468.197	501.482	517.133
49.0	403.514	418.631	463.182	496.772	512.606
49.5	398.007	413.462	458.253	492.132	508.083
50.0	392.508	408.301	453.299	487.450	503.572
50.5	386.839	402.920	448.240	482.720	498.920
51.0	381.197	397.726	443.253	477.986	494.344
51.5	375.617	392.362	438.129	473.187	489.643
52.0	370.054	387.188	433.098	468.400	485.022
52.5	364.368	381.799	427.933	463.577	480.248
53.0	358.848	376.618	422.893	458.818	475.603
53.5	353.098	371.217	417.684	453.893	470.820
54.0	347.497	365.938	412.620	449.110	466.066
54.5	342.015	360.748	407.544	444.303	461.327

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CANDELA TABULATION - (Cont.)

55.0	336.236	355.380	402.338	439.398	456.463
55.5	330.651	350.166	397.214	434.545	451.721
56.0	324.946	344.813	391.992	429.604	446.767
56.5	319.304	339.571	386.899	424.732	441.989
57.0	313.590	334.190	381.645	419.802	437.022
57.5	307.969	328.935	376.532	414.934	432.252
58.0	302.182	323.587	371.298	409.989	427.261
58.5	296.512	318.291	366.145	405.092	422.368
59.0	290.855	313.000	361.000	400.191	417.525
59.5	285.112	307.672	355.827	395.245	412.526
60.0	279.414	302.349	350.674	390.365	407.597
60.5	273.619	296.980	345.448	385.383	402.717
61.0	268.002	291.681	340.355	380.551	397.803
61.5	262.149	286.251	335.109	375.557	392.756
62.0	256.439	280.960	330.001	370.692	387.892
62.5	250.684	275.477	324.750	365.710	382.783
63.0	245.006	270.170	319.711	360.887	377.916
63.5	239.255	264.842	314.619	356.055	372.990
64.0	233.578	259.498	309.592	351.174	368.138
64.5	227.750	254.186	304.480	346.318	363.188
65.0	222.108	248.756	299.457	341.543	358.247
65.5	216.374	243.461	294.430	336.691	353.391
66.0	210.526	238.056	289.452	331.892	348.441
66.5	204.803	232.776	284.510	327.105	343.585
67.0	198.991	227.351	279.483	322.286	338.651
67.5	193.350	222.084	274.595	317.584	333.767
68.0	187.681	216.830	269.832	312.903	329.061
68.5	181.909	211.469	264.927	308.124	324.221
69.0	176.280	206.255	260.157	303.516	319.467
69.5	170.526	200.919	255.337	298.770	314.579
70.0	164.897	195.758	250.672	294.170	309.885
70.5	159.170	190.495	245.897	289.472	305.078
71.0	153.525	185.366	241.281	284.933	300.397
71.5	147.811	180.104	236.591	280.272	295.622
72.0	142.239	175.056	232.041	275.762	291.010
72.5	136.752	170.098	227.546	271.309	286.458
73.0	131.095	165.092	222.991	266.774	281.748
73.5	125.568	160.199	218.546	262.361	277.275
74.0	120.049	155.315	214.064	257.859	272.642
74.5	114.639	150.540	209.712	253.515	268.140
75.0	109.178	145.692	205.315	249.090	263.601
75.5	103.829	141.063	201.066	244.811	259.225
76.0	98.457	136.350	196.758	240.439	254.694
76.5	93.263	131.835	192.614	236.225	250.404
77.0	88.158	127.447	188.514	232.106	246.129
77.5	82.957	122.960	184.423	227.884	241.749
78.0	77.962	118.714	180.400	223.776	237.572
78.5	72.846	114.424	176.411	219.660	233.334
79.0	67.982	110.320	172.518	215.617	229.141
79.5	63.024	106.192	168.589	211.489	224.964
80.0	58.388	102.247	164.767	207.528	220.893
80.5	53.617	98.339	160.931	203.497	216.756
81.0	49.114	94.528	157.230	199.613	212.795
81.5	44.791	90.868	153.610	195.778	208.850
82.0	40.374	87.223	149.934	191.829	204.974
82.5	36.254	83.689	146.428	188.079	201.098

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CANDELA TABULATION - (Cont.)

83.0	32.159	80.183	142.845	184.232	197.214
83.5	28.360	76.823	139.429	180.502	193.476
84.0	24.590	73.480	135.919	176.777	189.649
84.5	21.112	70.329	132.579	173.133	185.972
85.0	17.728	67.181	129.134	169.464	182.287
85.5	14.674	64.195	125.853	165.946	178.749
86.0	11.819	61.336	122.619	162.481	175.239
86.5	9.200	58.436	119.329	158.999	171.705
87.0	6.874	55.703	116.177	155.628	168.297
87.5	4.766	52.978	113.025	152.232	164.905
88.0	3.054	50.383	109.974	148.999	161.501
88.5	1.651	47.878	107.018	145.728	158.157
89.0	0.740	45.499	104.081	142.556	154.940
89.5	0.138	43.188	101.242	139.371	151.675
90.0	0.000	41.074	98.489	136.345	148.547
90.5	0.000	38.967	95.793	133.365	145.480
91.0	0.000	36.958	93.096	130.388	142.348
91.5	0.000	35.055	90.534	127.459	139.351
92.0	0.000	33.240	87.894	124.547	136.333
92.5	0.000	31.524	85.474	121.761	133.426
93.0	0.000	29.828	82.973	118.950	130.521
93.5	0.000	28.279	80.638	116.238	127.723
94.0	0.000	26.741	78.296	113.521	124.856
94.5	0.000	25.305	76.046	110.930	122.164
95.0	0.000	23.935	73.891	108.380	119.520
95.5	0.000	22.621	71.682	105.814	116.795
96.0	0.000	21.352	69.559	103.349	114.237
96.5	0.000	20.079	67.449	100.844	111.646
97.0	0.000	18.880	65.391	98.432	109.173
97.5	0.000	17.667	63.337	96.045	106.639
98.0	0.000	16.480	61.401	93.747	104.207
98.5	0.000	15.317	59.440	91.436	101.788
99.0	0.000	14.230	57.635	89.248	99.461
99.5	0.000	13.157	55.854	87.056	97.212
100.0	0.000	12.100	54.068	84.865	94.869
100.5	0.000	11.062	52.323	82.774	92.681
101.0	0.000	10.030	50.566	80.667	90.473
101.5	0.000	8.984	48.939	78.654	88.358
102.0	0.000	7.878	47.232	76.600	86.218
102.5	0.000	6.837	45.600	74.676	84.225
103.0	0.000	5.751	43.925	72.728	82.119
103.5	0.000	4.783	42.331	70.849	80.126
104.0	0.000	3.811	40.692	68.982	78.214
104.5	0.000	2.892	39.097	67.123	76.295
105.0	0.000	2.091	37.535	65.306	74.395
105.5	0.000	1.480	35.977	63.455	72.529
106.0	0.000	1.045	34.453	61.674	70.666
106.5	0.000	0.667	32.964	59.791	68.820
107.0	0.000	0.399	31.516	58.005	66.949
107.5	0.000	0.293	30.056	56.171	65.082
108.0	0.000	0.154	28.653	54.373	63.272
108.5	0.000	0.166	27.266	52.596	61.450
109.0	0.000	0.159	25.834	50.811	59.567
109.5	0.000	0.000	24.419	49.086	57.773
110.0	0.000	0.000	22.910	47.321	55.902
110.5	0.000	0.000	21.470	45.682	54.174

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	19.953	44.018	52.376
111.5	0.000	0.000	18.461	42.391	50.684
112.0	0.000	0.000	16.931	40.777	48.960
112.5	0.000	0.000	15.496	39.219	47.288
113.0	0.000	0.000	14.064	37.690	45.641
113.5	0.000	0.000	12.649	36.063	44.018
114.0	0.000	0.000	11.245	34.554	42.387
114.5	0.000	0.000	9.847	32.964	40.838
115.0	0.000	0.000	8.521	31.361	39.260
115.5	0.000	0.000	7.187	29.722	37.653
116.0	0.000	0.000	5.921	28.112	36.063
116.5	0.000	0.000	4.783	26.460	34.428
117.0	0.000	0.000	3.872	24.818	32.801
117.5	0.000	0.000	3.205	23.186	31.166
118.0	0.000	0.000	2.428	21.564	29.434
118.5	0.000	0.000	1.867	19.978	27.811
119.0	0.000	0.000	1.135	18.367	26.115
119.5	0.000	0.000	0.691	16.805	24.439
120.0	0.000	0.000	0.431	15.276	22.813
120.5	0.000	0.000	0.395	13.727	21.137
121.0	0.000	0.000	0.382	12.238	19.542
121.5	0.000	0.000	0.187	10.737	17.940
122.0	0.000	0.000	0.000	9.334	16.350
122.5	0.000	0.000	0.000	7.919	14.796
123.0	0.000	0.000	0.000	6.625	13.267
123.5	0.000	0.000	0.000	5.474	11.742
124.0	0.000	0.000	0.000	4.636	10.204
124.5	0.000	0.000	0.000	3.925	8.748
125.0	0.000	0.000	0.000	3.018	7.430
125.5	0.000	0.000	0.000	2.123	6.141
126.0	0.000	0.000	0.000	1.513	5.226
126.5	0.000	0.000	0.000	1.001	4.474
127.0	0.000	0.000	0.000	0.687	3.717
127.5	0.000	0.000	0.000	0.614	2.558
128.0	0.000	0.000	0.000	0.277	1.883
128.5	0.000	0.000	0.000	0.313	1.314
129.0	0.000	0.000	0.000	0.305	0.862
129.5	0.000	0.000	0.000	0.321	0.712
130.0	0.000	0.000	0.000	0.000	0.687
130.5	0.000	0.000	0.000	0.000	0.663
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 850(S).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	427.06	N.A.	11.10
0-30	905.88	N.A.	23.60
0-40	1483.28	N.A.	38.70
0-60	2645.08	N.A.	69.00
0-80	3430.37	N.A.	89.50
0-90	3631.81	N.A.	94.70
10-90	3521.19	N.A.	91.80
20-40	1056.22	N.A.	27.50
20-50	1659.25	N.A.	43.30
40-70	1620.15	N.A.	42.30
60-80	785.29	N.A.	20.50
70-80	326.95	N.A.	8.50
80-90	201.44	N.A.	5.30
90-110	175.08	N.A.	4.60
90-120	198.79	N.A.	5.20
90-130	202.11	N.A.	5.30
90-150	202.12	N.A.	5.30
90-180	202.12	N.A.	5.30
110-180	27.04	N.A.	0.70
0-180	3833.93	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	110.62
10-20	316.45
20-30	478.81
30-40	577.41
40-50	603.03
50-60	558.77
60-70	458.34
70-80	326.95
80-90	201.44
90-100	114.99
100-110	60.09
110-120	23.71
120-130	3.32
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
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POLAR GRAPH

Maximum Candela = 1175.594 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.)