



IES INDOOR REPORT

PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000535-xxx
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] VW4-LED35DMVSSF30
 [LUMINAIRE] Catalog Number: VW4-LED35DMVSSF30
 [MORE] Pendant/surface mounted, white plastic vapor tight housing, white enamel internal reflector
 [MORE] with frosted acrylic lens enclosure
 [MORE] 128 White LEDs
 [MORE] One Universal Lighting Technologies, Everline D10CC55UNVTZ-C LED power supply, output set at 637mA
 [OTHER] Report Extrapolated from LLIA000535-001 VW4-LED23DMVSSF30
 [MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.
 [DATE] This file created: Tuesday, February 23, 2016 11:09 AM
 [ISSUEDATE] This file created: Tuesday, February 23, 2016 11:09 AM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4229
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	34.7
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.28 m
Luminous Width (90-270)	0.15 m
Luminous Height	0.04 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6422	5818	5617
55	5659	5164	4997
65	4610	4256	4033
75	3421	3066	2804
85	1927	1977	1578

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1447.628	1447.628	1447.628	1447.628	1447.628
0.5	1434.532	1448.297	1450.475	1451.500	1445.151
1.0	1434.176	1447.927	1450.248	1451.401	1445.023
1.5	1433.977	1447.856	1450.006	1451.059	1444.895
2.0	1433.393	1447.315	1449.564	1450.774	1444.582
2.5	1432.909	1446.788	1448.981	1450.191	1444.212
3.0	1432.084	1446.276	1448.454	1449.593	1443.699
3.5	1431.258	1445.365	1447.529	1448.895	1442.916
4.0	1430.418	1444.440	1446.703	1448.055	1442.190
4.5	1429.208	1443.372	1445.678	1447.016	1441.251
5.0	1428.027	1442.219	1444.596	1445.991	1440.454
5.5	1426.689	1440.981	1443.158	1444.852	1439.315
6.0	1425.180	1439.543	1441.892	1443.614	1438.148
6.5	1423.713	1438.062	1440.482	1442.134	1436.781
7.0	1421.948	1436.496	1438.959	1440.553	1435.144
7.5	1420.212	1434.532	1437.194	1438.860	1433.692
8.0	1418.219	1432.824	1435.230	1437.109	1431.970
8.5	1416.183	1430.703	1433.279	1435.201	1430.119
9.0	1413.777	1428.482	1431.187	1433.094	1428.283
9.5	1411.500	1426.290	1429.023	1431.016	1426.347
10.0	1409.037	1423.813	1426.831	1428.795	1424.055
10.5	1406.389	1421.407	1424.269	1426.404	1421.692
11.0	1403.913	1418.731	1421.678	1423.742	1419.329
11.5	1400.937	1415.955	1419.030	1421.066	1416.610
12.0	1398.076	1413.037	1416.112	1418.361	1413.948
12.5	1394.788	1409.977	1413.151	1415.429	1411.329
13.0	1391.699	1406.888	1410.091	1412.297	1408.197
13.5	1388.368	1403.642	1406.973	1409.322	1405.293
14.0	1384.923	1400.311	1403.770	1406.105	1402.190
14.5	1381.279	1396.667	1400.311	1402.646	1398.802
15.0	1377.478	1393.151	1396.752	1399.044	1395.372
15.5	1373.592	1389.293	1392.994	1395.443	1391.912
16.0	1369.635	1385.507	1389.236	1391.571	1388.211
16.5	1365.677	1381.464	1385.336	1387.870	1384.510
17.0	1361.393	1377.379	1381.250	1383.813	1380.724
17.5	1356.795	1372.980	1377.122	1379.699	1376.681
18.0	1352.524	1368.553	1372.838	1375.457	1372.453
18.5	1347.983	1364.069	1368.453	1371.001	1368.282
19.0	1343.143	1359.314	1363.870	1366.517	1363.955
19.5	1338.403	1354.489	1359.229	1362.005	1359.542
20.0	1333.421	1349.563	1354.503	1357.378	1354.816
20.5	1328.168	1344.410	1349.635	1352.410	1350.076
21.0	1323.086	1339.243	1344.766	1347.713	1345.506
21.5	1317.819	1333.976	1339.699	1342.745	1340.638
22.0	1312.182	1328.467	1334.346	1337.407	1335.542
22.5	1306.659	1322.915	1328.951	1332.296	1330.460
23.0	1300.880	1317.207	1323.471	1326.972	1325.464
23.5	1294.901	1311.129	1317.862	1321.392	1319.926
24.0	1288.865	1305.293	1312.140	1315.997	1314.631
24.5	1282.787	1299.143	1306.446	1310.246	1309.207
25.0	1276.367	1292.894	1300.481	1304.552	1303.599
25.5	1269.919	1286.431	1294.517	1298.730	1297.976
26.0	1263.570	1280.082	1288.367	1292.823	1292.339
26.5	1256.794	1273.392	1282.104	1286.645	1286.331

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION - (Cont.)

27.0	1249.904	1266.616	1275.712	1280.395	1280.353
27.5	1243.114	1259.869	1269.378	1274.260	1274.331
28.0	1235.854	1252.737	1262.687	1267.897	1268.253
28.5	1228.708	1245.776	1256.210	1261.392	1262.104
29.0	1221.448	1238.502	1249.306	1254.787	1255.812
29.5	1213.818	1231.100	1242.402	1248.196	1249.335
30.0	1206.117	1223.683	1235.456	1241.548	1242.758
30.5	1198.487	1216.096	1228.509	1234.701	1236.281
31.0	1190.402	1208.224	1221.235	1227.527	1229.320
31.5	1182.331	1200.452	1214.046	1220.680	1222.488
32.0	1174.202	1192.423	1206.658	1213.576	1215.626
32.5	1165.761	1184.252	1199.142	1206.231	1208.381
33.0	1157.192	1175.996	1191.569	1198.929	1200.936
33.5	1148.793	1167.626	1183.996	1191.413	1193.676
34.0	1139.825	1159.028	1176.252	1183.811	1186.345
34.5	1130.956	1150.544	1168.352	1176.010	1178.501
35.0	1122.003	1141.889	1160.466	1168.224	1170.914
35.5	1112.579	1132.878	1152.409	1160.096	1162.814
36.0	1103.127	1123.953	1144.238	1152.053	1154.886
36.5	1093.803	1114.885	1136.110	1143.868	1146.828
37.0	1083.910	1105.575	1127.725	1135.540	1138.444
37.5	1074.216	1096.294	1119.398	1127.028	1130.202
38.0	1064.209	1086.842	1110.885	1118.629	1121.732
38.5	1054.087	1077.262	1102.273	1109.903	1113.035
39.0	1043.853	1067.824	1093.647	1101.148	1104.536
39.5	1033.618	1057.959	1084.920	1092.195	1095.796
40.0	1022.956	1048.095	1075.967	1083.255	1086.814
40.5	1012.336	1038.102	1067.112	1074.202	1077.732
41.0	1001.589	1028.222	1057.974	1065.006	1068.963
41.5	990.557	1018.002	1048.678	1055.639	1059.625
42.0	979.738	1007.767	1039.368	1046.272	1050.216
42.5	968.635	997.446	1030.002	1036.906	1041.148
43.0	957.432	987.083	1020.407	1027.169	1031.667
43.5	946.072	976.478	1010.799	1017.746	1022.329
44.0	934.528	965.845	1001.076	1007.980	1012.877
44.5	923.125	955.168	991.026	998.059	1003.169
45.0	911.524	944.506	981.133	988.279	993.703
45.5	899.623	933.688	971.226	978.428	984.066
46.0	887.666	922.698	960.834	968.293	974.172
46.5	875.865	911.723	950.741	958.428	964.492
47.0	863.979	900.762	940.421	948.393	954.841
47.5	851.509	889.460	929.887	938.072	944.848
48.0	839.438	878.371	919.382	928.008	934.884
48.5	827.096	867.097	908.720	917.716	924.819
49.0	814.512	855.680	897.972	907.310	914.499
49.5	802.228	844.306	887.040	897.018	904.321
50.0	789.630	832.861	876.335	886.641	894.072
50.5	776.832	821.189	865.104	875.851	883.453
51.0	764.320	809.573	854.015	865.374	873.061
51.5	751.594	798.114	843.054	854.684	862.527
52.0	738.683	786.199	831.623	843.893	851.822
52.5	725.800	774.427	820.363	833.103	840.990
53.0	712.832	762.654	808.989	822.085	830.356
53.5	699.778	750.569	797.430	810.925	819.295
54.0	686.995	738.697	786.156	799.950	808.406
54.5	674.070	726.796	774.654	788.989	797.445

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION - (Cont.)

55.0	660.803	714.455	762.740	777.416	786.000
55.5	647.920	702.568	751.209	766.341	774.925
56.0	634.710	690.454	739.565	755.024	763.793
56.5	621.529	678.212	727.636	743.451	752.092
57.0	608.674	665.942	715.807	731.949	740.533
57.5	595.692	653.885	703.949	720.319	728.889
58.0	582.539	641.372	691.736	708.504	716.889
58.5	569.428	629.173	679.878	696.803	705.060
59.0	556.517	616.988	667.878	684.874	692.775
59.5	543.563	604.418	655.451	672.661	680.205
60.0	530.738	592.261	643.479	660.717	667.977
60.5	517.869	579.977	631.336	648.518	655.465
61.0	505.115	567.436	619.009	635.835	642.340
61.5	492.303	555.265	606.653	623.493	629.614
62.0	479.819	543.008	594.468	610.966	616.461
62.5	467.065	530.652	581.941	598.069	603.108
63.0	454.709	518.382	569.742	585.286	589.870
63.5	442.410	506.211	557.329	572.375	576.361
64.0	430.068	493.940	544.973	559.065	562.610
64.5	417.854	481.954	532.688	546.168	549.457
65.0	406.025	469.983	520.403	533.158	535.962
65.5	393.939	457.641	507.876	519.634	522.239
66.0	382.139	445.783	495.535	506.481	508.944
66.5	370.494	433.869	483.335	493.499	495.876
67.0	358.736	422.039	470.936	480.289	482.595
67.5	347.576	410.153	458.666	467.235	469.598
68.0	336.345	398.580	446.467	454.424	456.958
68.5	324.985	386.865	434.210	441.427	444.260
69.0	314.138	375.348	422.125	428.986	432.146
69.5	303.348	364.003	410.039	416.673	419.890
70.0	292.515	352.601	397.897	404.217	407.705
70.5	281.910	341.455	386.153	392.487	395.947
71.0	271.590	330.466	374.366	380.800	384.203
71.5	261.184	319.220	362.537	368.928	372.658
72.0	251.319	308.586	351.049	357.740	361.185
72.5	241.369	297.853	339.718	346.466	349.768
73.0	231.461	287.277	328.501	335.263	338.266
73.5	221.938	276.743	317.398	324.401	326.978
74.0	212.272	266.493	306.579	313.298	315.618
74.5	202.977	256.315	295.846	302.593	304.230
75.0	193.909	246.365	285.568	292.116	292.956
75.5	184.856	236.586	275.376	281.568	281.867
76.0	175.902	226.863	265.298	270.935	270.878
76.5	167.247	217.596	255.632	260.671	260.130
77.0	158.606	208.358	246.066	250.465	249.625
77.5	150.151	199.276	236.571	240.415	239.176
78.0	141.880	190.450	227.575	230.650	228.998
78.5	133.652	181.852	218.593	221.212	219.176
79.0	125.752	173.439	209.710	211.618	209.511
79.5	117.880	165.439	201.254	202.649	200.059
80.0	110.449	157.596	192.856	193.753	190.991
80.5	102.762	149.937	184.599	185.069	182.094
81.0	95.560	142.606	176.656	176.628	173.382
81.5	88.485	135.503	168.969	168.571	165.112
82.0	81.609	128.599	161.510	160.471	156.898
82.5	74.776	121.951	154.137	152.912	149.126

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION - (Cont.)

83.0	68.499	115.702	147.119	145.510	141.809
83.5	62.207	109.410	140.087	138.378	134.663
84.0	56.541	103.730	133.567	131.603	127.887
84.5	50.819	97.994	127.147	125.126	121.325
85.0	45.424	92.599	120.969	118.791	114.976
85.5	40.598	87.417	115.090	112.912	109.254
86.0	36.057	82.549	109.553	107.261	103.417
86.5	31.787	77.709	104.044	101.752	98.065
87.0	27.886	73.282	98.919	96.670	93.225
87.5	24.698	68.954	94.079	91.887	88.328
88.0	21.737	64.812	89.353	87.189	83.958
88.5	19.274	60.954	84.869	82.919	79.702
89.0	17.523	57.310	80.670	78.833	75.687
89.5	15.957	53.637	76.684	74.905	71.759
90.0	14.918	50.506	72.812	71.317	68.371
90.5	14.207	47.403	69.339	67.901	65.111
91.0	13.851	44.456	65.823	64.556	61.951
91.5	13.609	41.751	62.719	61.623	59.018
92.0	13.381	39.160	59.630	58.805	56.371
92.5	13.011	36.826	56.783	55.901	53.666
93.0	12.897	34.491	54.022	53.509	51.274
93.5	12.570	32.370	51.502	51.118	49.125
94.0	12.413	30.406	49.068	48.855	46.961
94.5	12.271	28.584	46.890	46.790	45.025
95.0	12.114	26.847	44.726	44.812	43.132
95.5	11.801	25.111	42.705	42.990	41.338
96.0	11.602	23.616	40.684	41.239	39.744
96.5	11.587	22.150	38.990	39.630	38.249
97.0	11.473	20.812	37.210	38.022	36.726
97.5	11.445	19.559	35.573	36.612	35.402
98.0	11.174	18.306	34.093	35.217	34.022
98.5	11.075	17.267	32.499	34.050	32.911
99.0	10.904	16.285	31.089	32.684	31.758
99.5	10.733	15.274	29.552	31.545	30.577
100.0	10.634	14.463	28.313	30.377	29.623
100.5	10.676	13.751	26.890	29.338	28.612
101.0	10.306	12.997	25.580	28.271	27.659
101.5	10.135	12.299	24.484	27.345	26.733
102.0	9.922	11.701	23.260	26.335	25.936
102.5	9.808	11.174	22.207	25.523	25.039
103.0	9.708	10.619	21.281	24.570	24.285
103.5	9.409	10.093	20.256	23.716	23.602
104.0	9.253	9.594	19.388	22.790	22.790
104.5	9.068	9.253	18.349	22.022	21.922
105.0	8.769	8.769	17.481	21.253	21.424
105.5	8.641	8.342	16.740	20.513	20.726
106.0	8.399	8.057	15.943	19.772	20.171
106.5	8.242	7.744	15.260	19.303	19.374
107.0	8.043	7.445	14.477	18.605	19.004
107.5	7.801	7.089	13.822	17.893	18.434
108.0	7.516	6.790	13.210	17.438	17.865
108.5	7.217	6.605	12.626	16.826	17.338
109.0	7.004	6.178	11.986	16.299	16.712
109.5	6.790	6.107	11.502	15.701	16.214
110.0	6.662	5.993	10.947	15.231	15.844
110.5	6.463	5.722	10.335	14.634	15.288

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION - (Cont.)

111.0	6.306	5.580	10.021	14.078	14.904
111.5	6.135	5.480	9.409	13.623	14.363
112.0	5.922	5.338	8.840	13.182	13.936
112.5	5.680	5.295	8.498	12.641	13.594
113.0	5.594	5.125	7.886	12.313	13.167
113.5	5.409	5.053	7.601	11.815	12.626
114.0	5.224	4.911	7.288	11.459	12.370
114.5	5.196	4.797	6.790	10.989	11.872
115.0	4.925	4.712	6.420	10.434	11.516
115.5	4.811	4.569	6.093	10.121	11.075
116.0	4.598	4.441	5.822	9.723	11.032
116.5	4.598	4.327	5.452	9.438	10.548
117.0	4.470	4.214	5.125	8.968	10.221
117.5	4.384	4.114	4.769	8.626	9.779
118.0	4.256	4.114	4.555	8.342	9.438
118.5	4.085	3.929	4.199	7.886	9.153
119.0	4.071	3.929	3.972	7.644	8.811
119.5	3.929	3.744	3.787	7.146	8.456
120.0	3.801	3.687	3.573	7.018	8.199
120.5	3.829	3.630	3.388	6.634	7.929
121.0	3.730	3.601	3.146	6.363	7.587
121.5	3.673	3.516	2.918	6.135	7.146
122.0	3.530	3.445	2.747	5.779	6.904
122.5	3.616	3.359	2.619	5.537	6.790
123.0	3.416	3.274	2.548	5.238	6.320
123.5	3.431	3.260	2.292	5.053	6.078
124.0	3.374	3.117	2.235	4.783	5.922
124.5	3.246	3.174	2.235	4.541	5.722
125.0	3.246	3.089	2.121	4.356	5.367
125.5	3.274	3.046	2.121	4.185	5.125
126.0	3.189	2.961	1.964	3.900	5.039
126.5	3.189	2.989	2.078	3.843	4.826
127.0	3.075	2.961	2.093	3.559	4.555
127.5	3.046	2.861	2.093	3.416	4.256
128.0	3.103	2.875	2.149	3.260	4.085
128.5	2.904	2.890	2.135	3.046	3.957
129.0	2.975	2.747	2.078	2.918	3.744
129.5	2.947	2.819	2.235	2.733	3.601
130.0	2.833	2.762	2.149	2.577	3.402
130.5	2.847	2.690	2.178	2.534	3.374
131.0	2.904	2.662	2.192	2.391	2.975
131.5	2.875	2.648	2.249	2.391	2.918
132.0	2.676	2.619	2.192	2.292	2.747
132.5	2.662	2.520	2.135	2.278	2.705
133.0	2.605	2.591	2.178	2.221	2.505
133.5	2.534	2.448	2.263	2.221	2.505
134.0	2.577	2.520	2.093	2.164	2.363
134.5	2.548	2.477	2.249	2.221	2.221
135.0	2.577	2.520	2.178	2.178	2.278
135.5	2.463	2.448	2.221	2.164	2.192
136.0	2.420	2.448	2.093	2.249	2.164
136.5	2.406	2.363	2.164	2.206	2.164
137.0	2.491	2.391	2.121	2.121	2.206
137.5	2.363	2.278	2.149	2.121	2.050
138.0	2.391	2.278	2.107	2.221	2.135
138.5	2.192	2.249	1.979	2.149	2.107

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION - (Cont.)

139.0	2.391	2.221	2.093	2.107	2.007
139.5	2.335	2.149	2.078	2.093	2.050
140.0	2.192	2.221	2.093	2.107	2.164
140.5	2.192	2.149	1.964	2.021	1.993
141.0	2.235	2.064	2.007	2.021	2.036
141.5	2.235	2.036	1.993	2.021	1.979
142.0	2.135	2.078	1.993	1.964	1.950
142.5	1.993	2.078	1.964	2.050	1.907
143.0	2.135	2.036	2.021	2.007	1.993
143.5	2.036	2.050	1.893	1.893	1.979
144.0	1.993	2.021	1.964	1.979	2.078
144.5	1.922	1.993	1.822	1.964	1.879
145.0	2.050	1.993	1.879	1.893	1.936
145.5	1.907	1.922	1.794	1.950	1.879
146.0	1.893	1.922	1.851	1.865	1.879
146.5	1.865	1.922	1.865	1.851	1.851
147.0	1.950	1.893	1.865	1.836	1.808
147.5	1.851	1.836	1.851	1.751	1.737
148.0	1.979	1.822	1.822	1.822	1.694
148.5	1.836	1.765	1.737	1.794	1.694
149.0	1.808	1.708	1.751	1.765	1.637
149.5	1.665	1.751	1.765	1.751	1.609
150.0	1.680	1.794	1.637	1.623	1.609
150.5	1.651	1.708	1.637	1.552	1.552
151.0	1.623	1.694	1.609	1.566	1.509
151.5	1.623	1.609	1.566	1.537	1.509
152.0	1.651	1.552	1.452	1.395	1.452
152.5	1.580	1.480	1.523	1.495	1.452
153.0	1.566	1.480	1.438	1.480	1.381
153.5	1.338	1.495	1.409	1.352	1.452
154.0	1.409	1.395	1.395	1.409	1.295
154.5	1.466	1.409	1.324	1.338	1.367
155.0	1.352	1.423	1.352	1.338	1.210
155.5	1.352	1.381	1.324	1.224	1.182
156.0	1.423	1.338	1.367	1.267	1.224
156.5	1.338	1.324	1.310	1.324	1.281
157.0	1.395	1.253	1.238	1.196	1.253
157.5	1.267	1.310	1.182	1.253	1.253
158.0	1.238	1.224	1.267	1.182	1.196
158.5	1.238	1.267	1.224	1.238	1.196
159.0	1.224	1.295	1.210	1.182	1.082
159.5	1.338	1.310	1.196	1.224	1.139
160.0	1.281	1.196	1.224	1.182	1.082
160.5	1.196	1.281	1.167	1.096	1.153
161.0	1.253	1.267	1.224	1.182	1.153
161.5	1.068	1.167	1.153	1.139	1.068
162.0	1.125	1.182	1.196	1.053	1.210
162.5	1.196	1.110	1.125	1.110	1.068
163.0	1.196	1.167	1.153	1.082	1.096
163.5	1.196	1.139	1.110	1.096	1.110
164.0	1.196	1.167	1.053	1.139	1.153
164.5	1.182	1.224	1.125	1.053	1.068
165.0	1.096	1.139	1.139	1.110	1.096
165.5	1.196	1.139	1.125	1.096	1.110
166.0	1.210	1.096	1.082	1.025	1.025
166.5	1.082	1.053	1.110	0.996	1.082

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

CANDELA TABULATION - (Cont.)

167.0	1.153	1.253	1.110	1.011	1.110
167.5	1.139	1.153	1.039	1.096	1.011
168.0	1.110	1.196	0.996	1.011	0.982
168.5	1.125	1.153	1.053	1.039	1.053
169.0	1.139	1.125	1.096	0.982	1.053
169.5	1.068	1.125	1.068	1.039	1.053
170.0	1.110	1.039	1.039	1.082	1.025
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 : VW4-LED35DMVSSF30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	530.47	N.A.	12.50
0-30	1128.19	N.A.	26.70
0-40	1849.87	N.A.	43.70
0-60	3260.11	N.A.	77.10
0-80	4038.05	N.A.	95.50
0-90	4155.34	N.A.	98.30
10-90	4018.28	N.A.	95.00
20-40	1319.4	N.A.	31.20
20-50	2064.62	N.A.	48.80
40-70	1903.89	N.A.	45.00
60-80	777.94	N.A.	18.40
70-80	284.30	N.A.	6.70
80-90	117.29	N.A.	2.80
90-110	58.31	N.A.	1.40
90-120	65.92	N.A.	1.60
90-130	69.19	N.A.	1.60
90-150	72.21	N.A.	1.70
90-180	73.18	N.A.	1.70
110-180	14.86	N.A.	0.40
0-180	4228.52	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	137.06
10-20	393.41
20-30	597.73
30-40	721.68
40-50	745.21
50-60	665.03
60-70	493.64
70-80	284.30
80-90	117.29
90-100	41.19
100-110	17.13
110-120	7.61
120-130	3.27
130-140	1.81
140-150	1.21
150-160	0.64
160-170	0.32
170-180	0.00

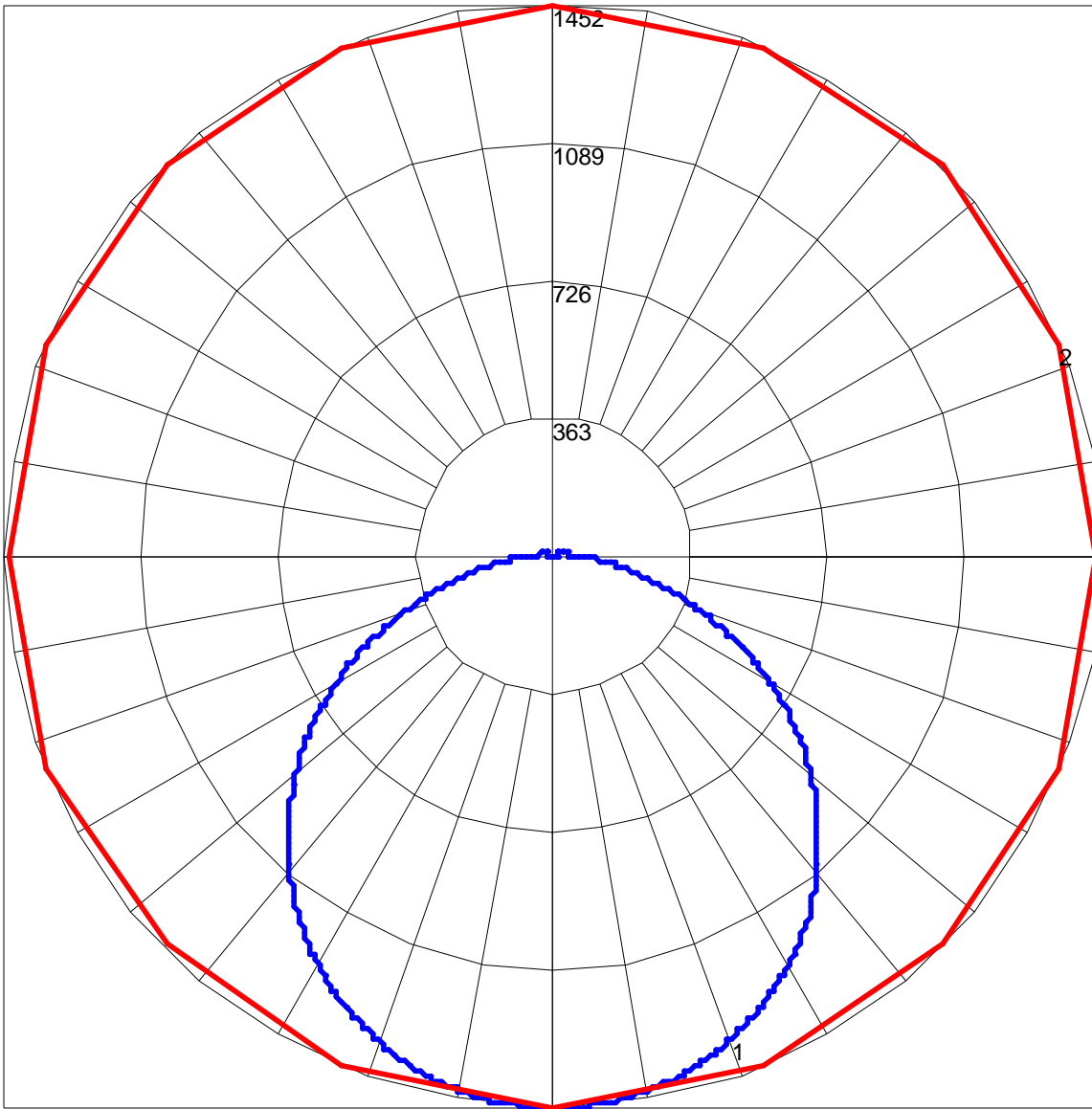
IES INDOOR REPORT
PHOTOMETRIC FILENAME : VW4-LED35DMVSSF30.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	90	83	77	95	88	81	76	84	79	74	80	76	72	77	73	70	68
3	89	79	71	64	87	77	69	63	74	67	62	71	65	61	68	63	59	57
4	82	70	61	54	79	68	60	54	66	58	53	63	57	52	61	55	51	49
5	75	62	53	47	73	61	53	46	59	51	46	57	50	45	55	49	44	42
6	70	56	47	41	67	55	47	40	53	46	40	51	45	39	49	44	39	37
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	41	35	31	29
9	56	43	34	29	54	42	34	29	41	33	28	39	33	28	38	32	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24

POLAR GRAPH



Maximum Candela = 1451.5 Located At Horizontal Angle = 67.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)