

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P286903

Luminaire Tested: **DWI-WD-65L835-1D-UNV-STD-W-WM-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P286903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (ITL87015-GONIOPHOTOMETRY)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DWI-WD-65L835-1D-UNV-STD-W-WM-4
Description: DIVIDE 4' WALL MOUNTED DIRECT/INDIRECT LED LUMINAIRE
WAVESTREAM DIFFUSE OPTIC, ASYMMETRIC
Light Source: (154) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6352.0 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Spacing Criteria (0/90/45): 1.5 / 1.34 / 1.55
Luminous Opening: Rectangular (W 3.86' x L: 0.36' x H: 0')
CIE Type: General Diffuse

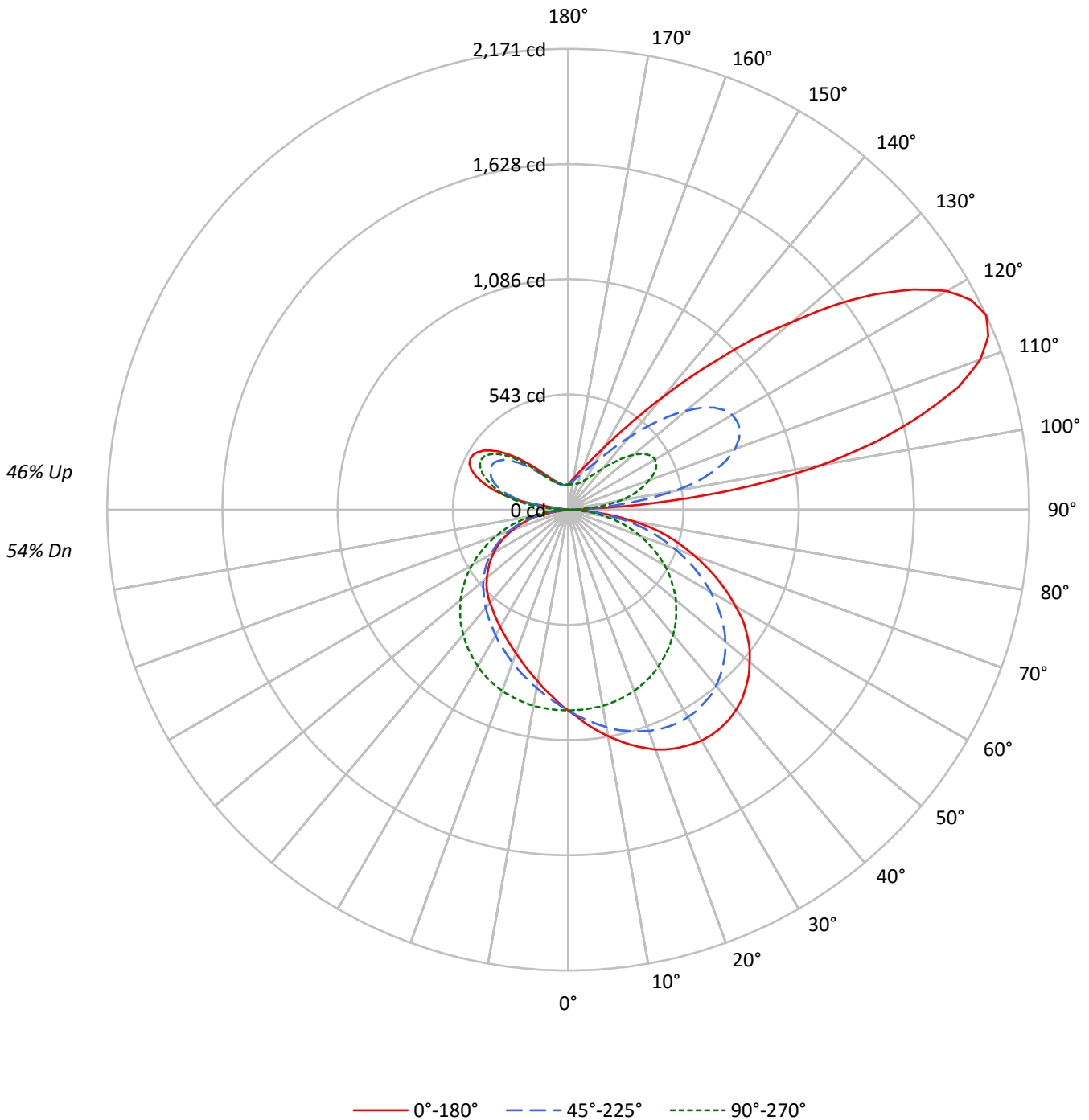
Input Watts (W): 57.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 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 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1 | 98 | 93 | 89 | 85 | 91 | 87 | 83 | 80 | 74 | 72 | 69 | 63 | 61 | 59 | 52 | 51 | 49 | 44 |
| 2 | 89 | 81 | 74 | 69 | 82 | 75 | 69 | 64 | 64 | 60 | 56 | 54 | 51 | 48 | 45 | 43 | 41 | 36 |
| 3 | 81 | 70 | 63 | 56 | 74 | 65 | 59 | 53 | 56 | 51 | 46 | 47 | 43 | 40 | 39 | 36 | 34 | 30 |
| 4 | 73 | 62 | 54 | 47 | 68 | 58 | 50 | 44 | 49 | 44 | 39 | 42 | 37 | 34 | 35 | 31 | 29 | 25 |
| 5 | 67 | 55 | 46 | 40 | 62 | 51 | 43 | 38 | 44 | 38 | 33 | 37 | 32 | 29 | 31 | 27 | 24 | 21 |
| 6 | 62 | 49 | 40 | 34 | 57 | 46 | 38 | 32 | 39 | 33 | 29 | 33 | 29 | 25 | 28 | 24 | 21 | 18 |
| 7 | 57 | 44 | 36 | 30 | 52 | 41 | 34 | 28 | 35 | 29 | 25 | 30 | 25 | 22 | 25 | 22 | 19 | 16 |
| 8 | 53 | 40 | 32 | 26 | 49 | 37 | 30 | 25 | 32 | 26 | 22 | 28 | 23 | 19 | 23 | 19 | 17 | 14 |
| 9 | 49 | 36 | 29 | 23 | 45 | 34 | 27 | 22 | 29 | 24 | 20 | 25 | 21 | 17 | 21 | 18 | 15 | 13 |
| 10 | 46 | 33 | 26 | 21 | 42 | 31 | 24 | 20 | 27 | 21 | 18 | 23 | 19 | 15 | 20 | 16 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|------|------|
| 0° | 7220 | 7220 | 7220 |
| 5° | 7786 | 7232 | 6758 |
| 10° | 8405 | 7282 | 6374 |
| 15° | 9074 | 7323 | 6077 |
| 20° | 9778 | 7389 | 5849 |
| 25° | 10425 | 7447 | 5706 |
| 30° | 11079 | 7511 | 5633 |
| 35° | 11692 | 7583 | 5638 |
| 40° | 12270 | 7663 | 5710 |
| 45° | 12787 | 7774 | 5842 |
| 50° | 13257 | 7868 | 5945 |
| 55° | 13694 | 7938 | 6067 |
| 60° | 13919 | 8000 | 6179 |
| 65° | 14044 | 8042 | 6273 |
| 70° | 14121 | 8035 | 6181 |
| 75° | 14387 | 8043 | 6030 |
| 80° | 13766 | 7677 | 4215 |
| 85° | 9887 | 5969 | 0 |



TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 90.4 | 1.4 |
| 10°-20° | 266.9 | 4.2 |
| 20°-30° | 425.9 | 6.7 |
| 30°-40° | 548.0 | 8.6 |
| 40°-50° | 613.0 | 9.7 |
| 50°-60° | 600.9 | 9.5 |
| 60°-70° | 500.8 | 7.9 |
| 70°-80° | 324.6 | 5.1 |
| 80°-90° | 80.4 | 1.3 |
| 90°-100° | 189.1 | 3.0 |
| 100°-110° | 639.4 | 10.1 |
| 110°-120° | 768.0 | 12.1 |
| 120°-130° | 628.6 | 9.9 |
| 130°-140° | 368.8 | 5.8 |
| 140°-150° | 172.7 | 2.7 |
| 150°-160° | 82.9 | 1.3 |
| 160°-170° | 39.9 | 0.6 |
| 170°-180° | 11.8 | 0.2 |
| 0°-30° | 783.1 | 12.3 |
| 0°-40° | 1331.1 | 21.0 |
| 0°-60° | 2545.0 | 40.1 |
| 0°-90° | 3450.8 | 54.3 |
| 90°-120° | 1596.5 | 25.1 |
| 90°-150° | 2766.6 | 43.6 |
| 90°-180° | 2901.0 | 45.7 |
| 0°-180° | 6352.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|-----|------|------|------|
| 0° | 945 | 945 | 945 | 945 | 945 | |
| 5° | 1015 | 994 | 943 | 898 | 881 | 99 |
| 15° | 1147 | 1079 | 926 | 809 | 768 | 326 |
| 25° | 1237 | 1126 | 883 | 724 | 677 | 572 |
| 35° | 1254 | 1113 | 813 | 643 | 604 | 785 |
| 45° | 1184 | 1032 | 720 | 562 | 541 | 913 |
| 55° | 1028 | 879 | 596 | 475 | 456 | 917 |
| 65° | 777 | 658 | 445 | 362 | 347 | 767 |
| 75° | 487 | 400 | 272 | 219 | 204 | 508 |
| 85° | 113 | 96 | 68 | 4 | 0 | 135 |
| 90° | 19 | 13 | 0 | 0 | 0 | 24 |
| 95° | 494 | 198 | 117 | 6 | 0 | 549 |
| 105° | 1722 | 715 | 341 | 306 | 366 | 1789 |
| 115° | 2171 | 892 | 456 | 404 | 513 | 2113 |
| 125° | 1771 | 839 | 453 | 402 | 485 | 1577 |
| 135° | 1005 | 581 | 328 | 302 | 349 | 795 |
| 145° | 472 | 332 | 198 | 194 | 215 | 311 |
| 155° | 260 | 211 | 143 | 143 | 151 | 124 |
| 165° | 177 | 158 | 126 | 124 | 124 | 51 |
| 175° | 132 | 126 | 119 | 115 | 115 | 13 |
| 180° | 117 | 117 | 117 | 117 | 117 | |



TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 | 945.1 |
| 2.5° | 977.0 | 979.2 | 979.2 | 977.0 | 974.9 | 970.6 | 966.4 | 960.0 | 955.7 | 949.4 | 945.1 |
| 5° | 1015.3 | 1015.3 | 1015.3 | 1009.0 | 1002.6 | 994.1 | 983.4 | 972.8 | 962.1 | 951.5 | 943.0 |
| 7.5° | 1049.4 | 1051.5 | 1047.3 | 1040.9 | 1030.2 | 1017.5 | 1002.6 | 985.5 | 968.5 | 949.4 | 940.8 |
| 10° | 1083.5 | 1085.6 | 1079.2 | 1072.8 | 1057.9 | 1040.9 | 1019.6 | 994.1 | 970.6 | 947.2 | 938.7 |
| 12.5° | 1115.4 | 1117.5 | 1111.1 | 1102.6 | 1085.6 | 1062.2 | 1034.5 | 1002.6 | 972.8 | 947.2 | 932.3 |
| 15° | 1147.3 | 1147.3 | 1140.9 | 1130.3 | 1106.9 | 1079.2 | 1047.3 | 1009.0 | 972.8 | 940.8 | 925.9 |
| 17.5° | 1175.0 | 1172.9 | 1166.5 | 1151.6 | 1126.0 | 1094.1 | 1055.8 | 1011.1 | 970.6 | 934.5 | 917.4 |
| 20° | 1202.7 | 1200.5 | 1192.0 | 1175.0 | 1147.3 | 1109.0 | 1066.4 | 1015.3 | 968.5 | 928.1 | 908.9 |
| 22.5° | 1221.8 | 1219.7 | 1211.2 | 1192.0 | 1162.2 | 1119.6 | 1070.7 | 1013.2 | 962.1 | 919.6 | 896.1 |
| 25° | 1236.7 | 1236.7 | 1226.1 | 1206.9 | 1172.9 | 1126.0 | 1072.8 | 1011.1 | 955.7 | 906.8 | 883.4 |
| 27.5° | 1247.4 | 1247.4 | 1236.7 | 1215.4 | 1179.2 | 1130.3 | 1070.7 | 1006.8 | 945.1 | 894.0 | 868.5 |
| 30° | 1255.9 | 1253.7 | 1243.1 | 1217.6 | 1181.4 | 1128.2 | 1066.4 | 998.3 | 934.5 | 879.1 | 851.4 |
| 32.5° | 1258.0 | 1255.9 | 1243.1 | 1217.6 | 1177.1 | 1123.9 | 1060.0 | 987.7 | 919.6 | 862.1 | 832.3 |
| 35° | 1253.7 | 1251.6 | 1238.8 | 1211.2 | 1168.6 | 1113.3 | 1047.3 | 972.8 | 902.5 | 842.9 | 813.1 |
| 37.5° | 1245.2 | 1245.2 | 1230.3 | 1202.7 | 1160.1 | 1102.6 | 1034.5 | 957.9 | 885.5 | 821.6 | 791.8 |
| 40° | 1230.3 | 1230.3 | 1215.4 | 1185.6 | 1143.1 | 1083.5 | 1015.3 | 938.7 | 864.2 | 798.2 | 768.4 |
| 42.5° | 1211.2 | 1209.0 | 1192.0 | 1162.2 | 1117.5 | 1060.0 | 991.9 | 913.2 | 840.8 | 772.7 | 745.0 |
| 45° | 1183.5 | 1181.4 | 1166.5 | 1136.7 | 1089.8 | 1032.4 | 964.3 | 887.6 | 815.3 | 747.1 | 719.5 |
| 47.5° | 1153.7 | 1151.6 | 1134.5 | 1104.7 | 1060.0 | 1002.6 | 934.5 | 860.0 | 787.6 | 721.6 | 689.7 |
| 50° | 1115.4 | 1115.4 | 1098.4 | 1068.6 | 1023.9 | 966.4 | 898.3 | 825.9 | 755.6 | 689.7 | 662.0 |
| 52.5° | 1077.1 | 1072.8 | 1055.8 | 1023.9 | 981.3 | 925.9 | 860.0 | 789.7 | 721.6 | 657.7 | 630.1 |
| 55° | 1028.1 | 1021.7 | 1006.8 | 977.0 | 934.5 | 879.1 | 817.4 | 749.3 | 685.4 | 623.7 | 596.0 |
| 57.5° | 977.0 | 970.6 | 951.5 | 921.7 | 881.2 | 830.2 | 770.6 | 706.7 | 647.1 | 587.5 | 561.9 |
| 60° | 911.0 | 911.0 | 891.9 | 862.1 | 823.8 | 774.8 | 721.6 | 662.0 | 604.5 | 549.2 | 523.6 |
| 62.5° | 845.1 | 847.2 | 828.0 | 798.2 | 762.0 | 717.3 | 668.4 | 613.0 | 559.8 | 510.9 | 485.3 |
| 65° | 776.9 | 776.9 | 757.8 | 730.1 | 698.2 | 657.7 | 610.9 | 561.9 | 513.0 | 468.3 | 444.9 |
| 67.5° | 704.6 | 704.6 | 689.7 | 659.9 | 630.1 | 593.9 | 553.4 | 510.9 | 466.2 | 423.6 | 402.3 |
| 70° | 632.2 | 630.1 | 617.3 | 589.6 | 561.9 | 530.0 | 493.8 | 457.6 | 417.2 | 378.9 | 359.7 |
| 72.5° | 559.8 | 557.7 | 547.0 | 519.4 | 496.0 | 466.2 | 436.4 | 402.3 | 368.2 | 334.2 | 317.2 |
| 75° | 487.4 | 483.2 | 472.5 | 447.0 | 425.7 | 400.2 | 370.4 | 347.0 | 317.2 | 287.4 | 272.5 |
| 77.5° | 406.6 | 404.4 | 393.8 | 368.2 | 351.2 | 329.9 | 306.5 | 285.2 | 263.9 | 236.3 | 225.6 |
| 80° | 312.9 | 308.6 | 302.3 | 281.0 | 270.3 | 253.3 | 236.3 | 221.4 | 204.3 | 185.2 | 174.5 |
| 82.5° | 208.6 | 206.5 | 204.3 | 193.7 | 183.1 | 174.5 | 163.9 | 153.3 | 142.6 | 127.7 | 123.5 |
| 85° | 112.8 | 114.9 | 112.8 | 106.4 | 100.0 | 95.8 | 93.7 | 87.3 | 83.0 | 72.4 | 68.1 |
| 87.5° | 34.1 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 31.9 | 29.8 | 25.5 | 21.3 |
| 90° | 19.2 | 19.2 | 19.2 | 17.0 | 17.0 | 12.8 | 10.6 | 6.4 | 4.3 | 0.0 | 0.0 |
| 92.5° | 100.0 | 104.3 | 108.6 | 97.9 | 76.6 | 57.5 | 51.1 | 53.2 | 49.0 | 46.8 | 40.4 |
| 95° | 493.8 | 491.7 | 474.7 | 410.8 | 300.1 | 198.0 | 159.6 | 153.3 | 138.4 | 129.8 | 117.1 |
| 97.5° | 872.7 | 866.3 | 825.9 | 706.7 | 549.2 | 355.5 | 268.2 | 242.7 | 219.2 | 204.3 | 187.3 |
| 100° | 1209.0 | 1200.5 | 1138.8 | 985.5 | 762.0 | 508.7 | 372.5 | 323.5 | 291.6 | 266.1 | 249.0 |
| 102.5° | 1490.0 | 1481.5 | 1400.6 | 1204.8 | 923.8 | 625.8 | 459.8 | 393.8 | 351.2 | 319.3 | 300.1 |
| 105° | 1722.0 | 1715.6 | 1613.5 | 1377.2 | 1047.3 | 715.2 | 527.9 | 449.1 | 400.2 | 359.7 | 340.6 |
| 107.5° | 1928.5 | 1903.0 | 1771.0 | 1509.2 | 1134.5 | 783.3 | 583.2 | 498.1 | 442.7 | 398.0 | 374.6 |
| 110° | 2064.7 | 2039.2 | 1890.2 | 1594.3 | 1189.9 | 836.5 | 634.3 | 540.7 | 481.1 | 430.0 | 404.4 |



TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 2141.4 | 2124.3 | 1958.3 | 1639.0 | 1219.7 | 870.6 | 672.6 | 576.8 | 513.0 | 459.8 | 434.2 |
| 115° | 2171.2 | 2147.7 | 1971.1 | 1636.9 | 1221.8 | 891.9 | 702.4 | 606.6 | 540.7 | 478.9 | 455.5 |
| 117.5° | 2139.2 | 2113.7 | 1932.8 | 1596.4 | 1202.7 | 898.3 | 721.6 | 623.7 | 553.4 | 493.8 | 468.3 |
| 120° | 2060.5 | 2030.7 | 1849.7 | 1528.3 | 1166.5 | 891.9 | 730.1 | 632.2 | 561.9 | 500.2 | 472.5 |
| 122.5° | 1930.6 | 1903.0 | 1728.4 | 1430.4 | 1111.1 | 872.7 | 721.6 | 627.9 | 557.7 | 493.8 | 468.3 |
| 125° | 1771.0 | 1741.2 | 1583.7 | 1319.7 | 1043.0 | 838.7 | 702.4 | 610.9 | 540.7 | 481.1 | 453.4 |
| 127.5° | 1585.8 | 1553.9 | 1426.2 | 1194.1 | 962.1 | 787.6 | 668.4 | 581.1 | 513.0 | 457.6 | 432.1 |
| 130° | 1372.9 | 1362.3 | 1253.7 | 1062.2 | 879.1 | 725.8 | 619.4 | 538.5 | 476.8 | 425.7 | 402.3 |
| 132.5° | 1196.3 | 1164.3 | 1079.2 | 928.1 | 781.2 | 655.6 | 561.9 | 489.6 | 432.1 | 387.4 | 366.1 |
| 135° | 1004.7 | 981.3 | 915.3 | 798.2 | 685.4 | 581.1 | 500.2 | 436.4 | 385.3 | 344.8 | 327.8 |
| 137.5° | 836.5 | 823.8 | 768.4 | 685.4 | 591.7 | 510.9 | 440.6 | 383.1 | 338.4 | 304.4 | 289.5 |
| 140° | 689.7 | 681.1 | 642.8 | 576.8 | 506.6 | 442.7 | 383.1 | 334.2 | 295.9 | 266.1 | 253.3 |
| 142.5° | 568.3 | 561.9 | 534.3 | 485.3 | 434.2 | 383.1 | 332.1 | 293.7 | 257.6 | 234.1 | 223.5 |
| 145° | 472.5 | 468.3 | 447.0 | 412.9 | 370.4 | 332.1 | 291.6 | 257.6 | 227.8 | 206.5 | 198.0 |
| 147.5° | 395.9 | 393.8 | 378.9 | 355.5 | 323.5 | 289.5 | 257.6 | 227.8 | 202.2 | 185.2 | 176.7 |
| 150° | 338.4 | 336.3 | 327.8 | 306.5 | 283.1 | 257.6 | 229.9 | 206.5 | 183.1 | 168.2 | 161.8 |
| 152.5° | 293.7 | 291.6 | 285.2 | 270.3 | 253.3 | 232.0 | 208.6 | 189.4 | 170.3 | 155.4 | 151.1 |
| 155° | 259.7 | 257.6 | 253.3 | 242.7 | 227.8 | 210.7 | 191.6 | 174.5 | 157.5 | 146.9 | 142.6 |
| 157.5° | 232.0 | 232.0 | 227.8 | 219.2 | 206.5 | 193.7 | 178.8 | 163.9 | 149.0 | 140.5 | 136.2 |
| 160° | 210.7 | 210.7 | 206.5 | 198.0 | 191.6 | 178.8 | 166.0 | 153.3 | 142.6 | 136.2 | 132.0 |
| 162.5° | 191.6 | 191.6 | 187.3 | 183.1 | 176.7 | 166.0 | 157.5 | 146.9 | 138.4 | 132.0 | 127.7 |
| 165° | 176.7 | 176.7 | 174.5 | 170.3 | 163.9 | 157.5 | 149.0 | 140.5 | 132.0 | 127.7 | 125.6 |
| 167.5° | 161.8 | 163.9 | 161.8 | 157.5 | 153.3 | 146.9 | 140.5 | 134.1 | 129.8 | 125.6 | 123.5 |
| 170° | 151.1 | 151.1 | 149.0 | 146.9 | 144.7 | 138.4 | 136.2 | 132.0 | 125.6 | 123.5 | 121.3 |
| 172.5° | 140.5 | 140.5 | 138.4 | 138.4 | 136.2 | 134.1 | 129.8 | 127.7 | 123.5 | 121.3 | 121.3 |
| 175° | 132.0 | 132.0 | 129.8 | 129.8 | 129.8 | 125.6 | 125.6 | 123.5 | 121.3 | 121.3 | 119.2 |
| 177.5° | 125.6 | 125.6 | 125.6 | 123.5 | 123.5 | 123.5 | 123.5 | 121.3 | 119.2 | 119.2 | 117.1 |
| 180° | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 | 117.1 |



TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 112.5° | 135° | 157.5° | 180° |
|--------|--------|-------|--------|-------|
| 0° | 945.1 | 945.1 | 945.1 | 945.1 |
| 2.5° | 934.5 | 921.7 | 915.3 | 915.3 |
| 5° | 919.6 | 898.3 | 885.5 | 881.2 |
| 7.5° | 906.8 | 874.9 | 857.8 | 853.6 |
| 10° | 889.8 | 853.6 | 830.2 | 821.6 |
| 12.5° | 872.7 | 830.2 | 804.6 | 794.0 |
| 15° | 853.6 | 808.9 | 779.1 | 768.4 |
| 17.5° | 836.5 | 787.6 | 755.6 | 742.9 |
| 20° | 817.4 | 766.3 | 732.2 | 719.5 |
| 22.5° | 800.4 | 745.0 | 710.9 | 698.2 |
| 25° | 781.2 | 723.7 | 689.7 | 676.9 |
| 27.5° | 762.0 | 704.6 | 668.4 | 657.7 |
| 30° | 740.7 | 683.3 | 649.2 | 638.6 |
| 32.5° | 723.7 | 662.0 | 632.2 | 621.5 |
| 35° | 702.4 | 642.8 | 613.0 | 604.5 |
| 37.5° | 681.1 | 623.7 | 596.0 | 587.5 |
| 40° | 657.7 | 604.5 | 579.0 | 572.6 |
| 42.5° | 636.4 | 583.2 | 561.9 | 557.7 |
| 45° | 613.0 | 561.9 | 544.9 | 540.7 |
| 47.5° | 589.6 | 542.8 | 525.8 | 521.5 |
| 50° | 564.1 | 521.5 | 504.5 | 500.2 |
| 52.5° | 536.4 | 498.1 | 481.1 | 476.8 |
| 55° | 510.9 | 474.7 | 457.6 | 455.5 |
| 57.5° | 481.1 | 449.1 | 432.1 | 430.0 |
| 60° | 451.3 | 421.5 | 406.6 | 404.4 |
| 62.5° | 419.3 | 391.7 | 376.8 | 376.8 |
| 65° | 387.4 | 361.9 | 347.0 | 347.0 |
| 67.5° | 353.3 | 329.9 | 317.2 | 312.9 |
| 70° | 319.3 | 295.9 | 278.8 | 276.7 |
| 72.5° | 285.2 | 259.7 | 240.5 | 240.5 |
| 75° | 244.8 | 219.2 | 204.3 | 204.3 |
| 77.5° | 206.5 | 176.7 | 163.9 | 163.9 |
| 80° | 161.8 | 129.8 | 112.8 | 95.8 |
| 82.5° | 108.6 | 76.6 | 4.3 | 0.0 |
| 85° | 55.3 | 4.3 | 0.0 | 0.0 |
| 87.5° | 6.4 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 6.4 | 0.0 | 0.0 | 0.0 |
| 95° | 80.9 | 6.4 | 2.1 | 0.0 |
| 97.5° | 157.5 | 121.3 | 12.8 | 0.0 |
| 100° | 221.4 | 198.0 | 202.2 | 202.2 |
| 102.5° | 266.1 | 259.7 | 285.2 | 300.1 |
| 105° | 300.1 | 306.5 | 344.8 | 366.1 |
| 107.5° | 327.8 | 344.8 | 393.8 | 419.3 |
| 110° | 353.3 | 372.5 | 432.1 | 461.9 |



TEST NUMBER: P286903

CATALOG NUMBER: DWI-WD-65L835-1D-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

| | 112.5° | 135° | 157.5° | 180° |
|--------|--------|-------|--------|-------|
| 112.5° | 374.6 | 391.7 | 459.8 | 493.8 |
| 115° | 391.7 | 404.4 | 474.7 | 513.0 |
| 117.5° | 402.3 | 412.9 | 481.1 | 519.4 |
| 120° | 406.6 | 417.2 | 478.9 | 517.2 |
| 122.5° | 402.3 | 412.9 | 468.3 | 504.5 |
| 125° | 391.7 | 402.3 | 451.3 | 485.3 |
| 127.5° | 374.6 | 385.3 | 430.0 | 457.6 |
| 130° | 349.1 | 359.7 | 400.2 | 425.7 |
| 132.5° | 321.4 | 332.1 | 368.2 | 387.4 |
| 135° | 289.5 | 302.3 | 332.1 | 349.1 |
| 137.5° | 257.6 | 270.3 | 295.9 | 310.8 |
| 140° | 229.9 | 240.5 | 261.8 | 274.6 |
| 142.5° | 204.3 | 215.0 | 232.0 | 242.7 |
| 145° | 183.1 | 193.7 | 206.5 | 215.0 |
| 147.5° | 166.0 | 176.7 | 187.3 | 193.7 |
| 150° | 153.3 | 161.8 | 172.4 | 174.5 |
| 152.5° | 144.7 | 151.1 | 157.5 | 161.8 |
| 155° | 136.2 | 142.6 | 149.0 | 151.1 |
| 157.5° | 129.8 | 136.2 | 138.4 | 142.6 |
| 160° | 125.6 | 129.8 | 134.1 | 134.1 |
| 162.5° | 123.5 | 125.6 | 127.7 | 129.8 |
| 165° | 121.3 | 123.5 | 123.5 | 123.5 |
| 167.5° | 119.2 | 119.2 | 119.2 | 119.2 |
| 170° | 119.2 | 117.1 | 117.1 | 117.1 |
| 172.5° | 117.1 | 117.1 | 114.9 | 117.1 |
| 175° | 117.1 | 114.9 | 114.9 | 114.9 |
| 177.5° | 117.1 | 117.1 | 117.1 | 117.1 |
| 180° | 117.1 | 117.1 | 117.1 | 117.1 |

(END OF REPORT)