

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: NEO-RAY

Report Number: P332120-830

Luminaire Tested: **S123DIW-S560D460U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332120-830  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123DIW-S560D460U830-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 460 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3988.6 lumens  
Efficiency: N/A  
Efficacy: 132.1 lumens/watt  
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: General Diffuse

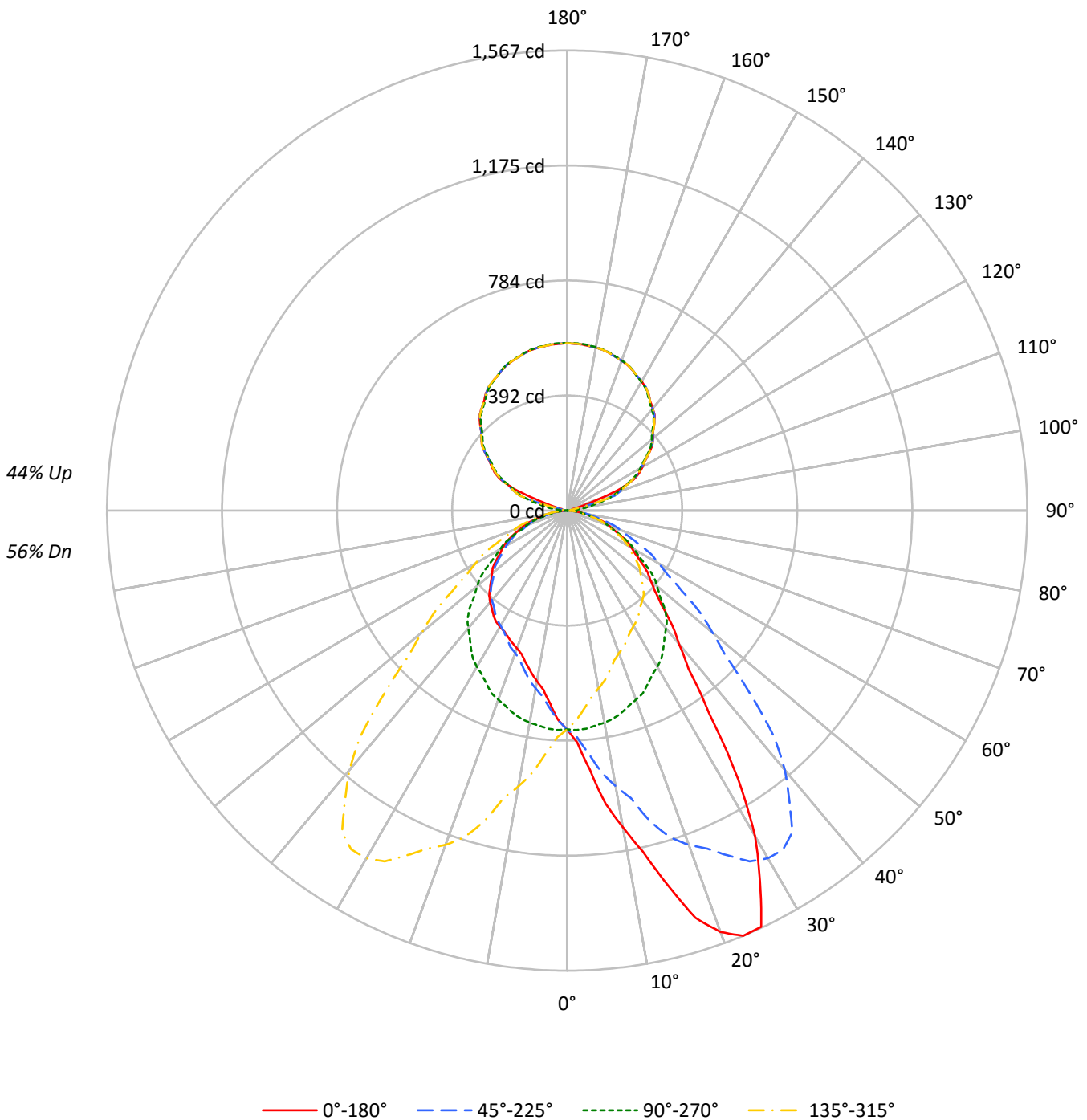
Input Watts (W): 30.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P332120-830

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**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   | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 56 |
| 1   | 100 | 95  | 91  | 88  | 92  | 89  | 86  | 83  | 77 | 74 | 72 | 66 | 64 | 62 | 55 | 54 | 53 | 48 |
| 2   | 91  | 84  | 77  | 72  | 84  | 78  | 73  | 68  | 68 | 64 | 60 | 58 | 55 | 52 | 49 | 47 | 45 | 41 |
| 3   | 83  | 74  | 66  | 61  | 77  | 69  | 62  | 57  | 60 | 55 | 51 | 51 | 48 | 45 | 44 | 41 | 39 | 35 |
| 4   | 76  | 65  | 58  | 52  | 71  | 61  | 54  | 49  | 53 | 48 | 44 | 46 | 42 | 38 | 39 | 36 | 34 | 30 |
| 5   | 70  | 58  | 50  | 44  | 65  | 55  | 48  | 42  | 48 | 42 | 38 | 41 | 37 | 33 | 35 | 32 | 29 | 26 |
| 6   | 65  | 52  | 44  | 39  | 60  | 49  | 42  | 37  | 43 | 37 | 33 | 37 | 33 | 29 | 32 | 29 | 26 | 23 |
| 7   | 60  | 47  | 39  | 34  | 55  | 45  | 37  | 32  | 39 | 33 | 29 | 34 | 30 | 26 | 29 | 26 | 23 | 21 |
| 8   | 55  | 43  | 35  | 30  | 52  | 41  | 34  | 29  | 36 | 30 | 26 | 31 | 27 | 23 | 27 | 23 | 21 | 18 |
| 9   | 52  | 39  | 32  | 27  | 48  | 37  | 30  | 26  | 33 | 27 | 23 | 29 | 24 | 21 | 25 | 21 | 19 | 17 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 28  | 23  | 30 | 25 | 21 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 8020  | 8020 | 8020 | 8020 |
| 5°  | 9564  | 8055 | 7138 | 8055 |
| 10° | 11970 | 8014 | 6446 | 8014 |
| 15° | 14683 | 7949 | 6002 | 7949 |
| 20° | 17491 | 7848 | 5715 | 7848 |
| 25° | 18573 | 7726 | 5651 | 7726 |
| 30° | 15919 | 7636 | 5680 | 7636 |
| 35° | 11071 | 7510 | 5740 | 7510 |
| 40° | 8338  | 7360 | 5722 | 7360 |
| 45° | 6925  | 7138 | 5649 | 7138 |
| 50° | 6203  | 6687 | 5598 | 6687 |
| 55° | 5799  | 6199 | 5527 | 6199 |
| 60° | 5440  | 5690 | 5470 | 5690 |
| 65° | 5112  | 5186 | 5295 | 5186 |
| 70° | 4793  | 4614 | 5042 | 4614 |
| 75° | 4292  | 4038 | 4625 | 4038 |
| 80° | 3756  | 3310 | 3986 | 3310 |
| 85° | 2939  | 2408 | 2680 | 2408 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 73.4   | 1.8       |
| 10°-20°   | 235.3  | 5.9       |
| 20°-30°   | 395.0  | 9.9       |
| 30°-40°   | 447.2  | 11.2      |
| 40°-50°   | 401.1  | 10.1      |
| 50°-60°   | 323.7  | 8.1       |
| 60°-70°   | 225.5  | 5.7       |
| 70°-80°   | 118.5  | 3.0       |
| 80°-90°   | 30.6   | 0.8       |
| 90°-100°  | 20.7   | 0.5       |
| 100°-110° | 98.8   | 2.5       |
| 110°-120° | 237.2  | 5.9       |
| 120°-130° | 302.1  | 7.6       |
| 130°-140° | 322.8  | 8.1       |
| 140°-150° | 301.8  | 7.6       |
| 150°-160° | 243.5  | 6.1       |
| 160°-170° | 157.1  | 3.9       |
| 170°-180° | 54.2   | 1.4       |
| 0°-30°    | 703.7  | 17.6      |
| 0°-40°    | 1151.0 | 28.9      |
| 0°-60°    | 1875.7 | 47.0      |
| 0°-90°    | 2250.4 | 56.4      |
| 90°-120°  | 356.7  | 8.9       |
| 90°-150°  | 1283.4 | 32.2      |
| 90°-180°  | 1738.0 | 43.6      |
| 0°-180°   | 3988.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 745  | 745 | 745  | 745  | 745  |      |
| 5°   | 885  | 746 | 661  | 746  | 885  | 92   |
| 15°  | 1318 | 713 | 539  | 713  | 1318 | 380  |
| 25°  | 1564 | 650 | 476  | 650  | 1564 | 686  |
| 35°  | 842  | 572 | 437  | 572  | 842  | 547  |
| 45°  | 455  | 469 | 371  | 469  | 455  | 360  |
| 55°  | 309  | 330 | 294  | 330  | 309  | 277  |
| 65°  | 201  | 204 | 208  | 204  | 201  | 200  |
| 75°  | 103  | 97  | 111  | 97   | 103  | 110  |
| 85°  | 24   | 20  | 22   | 20   | 24   | 28   |
| 90°  | 13   | 0   | 13   | 0    | 13   | 7    |
| 95°  | 16   | 26  | 16   | 26   | 16   | 13   |
| 105° | 19   | 126 | 19   | 126  | 19   | 43   |
| 115° | 249  | 237 | 249  | 237  | 249  | 230  |
| 125° | 340  | 334 | 340  | 334  | 340  | 304  |
| 135° | 420  | 415 | 420  | 415  | 420  | 324  |
| 145° | 484  | 479 | 484  | 479  | 484  | 302  |
| 155° | 527  | 528 | 527  | 528  | 527  | 243  |
| 165° | 556  | 557 | 556  | 557  | 556  | 157  |
| 175° | 568  | 570 | 568  | 570  | 568  | 54   |
| 180° | 570  | 570 | 570  | 570  | 570  |      |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  |
| 2.5°   | 790.7  | 790.1  | 788.7  | 789.9  | 787.5  | 784.4  | 784.1  | 781.2  | 772.8  | 772.2  | 770.0  |
| 5°     | 885.1  | 882.2  | 881.9  | 881.6  | 876.5  | 869.6  | 856.6  | 855.5  | 838.2  | 829.5  | 819.1  |
| 7.5°   | 1007.5 | 1009.0 | 1003.7 | 999.1  | 983.6  | 973.5  | 959.5  | 941.7  | 920.4  | 898.8  | 884.4  |
| 10°    | 1095.2 | 1107.1 | 1092.3 | 1082.2 | 1072.9 | 1055.2 | 1034.6 | 1009.0 | 983.4  | 953.4  | 930.7  |
| 12.5°  | 1189.4 | 1195.2 | 1192.3 | 1182.7 | 1168.2 | 1141.2 | 1104.8 | 1076.6 | 1052.9 | 1003.1 | 982.9  |
| 15°    | 1317.6 | 1339.6 | 1325.6 | 1293.1 | 1293.8 | 1268.2 | 1220.5 | 1168.2 | 1140.4 | 1096.6 | 1037.1 |
| 17.5°  | 1454.2 | 1457.0 | 1451.0 | 1423.9 | 1405.8 | 1370.6 | 1326.6 | 1276.5 | 1220.1 | 1167.3 | 1104.1 |
| 20°    | 1527.0 | 1524.8 | 1512.2 | 1498.1 | 1467.1 | 1439.6 | 1391.6 | 1335.7 | 1263.5 | 1211.4 | 1142.6 |
| 22.5°  | 1567.4 | 1563.8 | 1557.8 | 1546.1 | 1520.2 | 1490.7 | 1447.7 | 1386.5 | 1317.8 | 1246.1 | 1166.5 |
| 25°    | 1563.8 | 1568.5 | 1569.2 | 1565.9 | 1557.0 | 1539.3 | 1505.3 | 1456.6 | 1388.0 | 1296.0 | 1213.0 |
| 27.5°  | 1422.3 | 1428.9 | 1448.2 | 1465.4 | 1484.5 | 1503.9 | 1501.4 | 1477.2 | 1426.4 | 1346.9 | 1245.4 |
| 30°    | 1280.8 | 1266.3 | 1302.1 | 1347.2 | 1377.9 | 1432.0 | 1462.4 | 1464.1 | 1435.7 | 1367.4 | 1268.5 |
| 32.5°  | 1084.4 | 1100.3 | 1116.1 | 1171.6 | 1238.7 | 1299.5 | 1359.8 | 1408.4 | 1414.0 | 1368.6 | 1282.0 |
| 35°    | 842.5  | 862.4  | 891.3  | 920.2  | 992.4  | 1054.4 | 1160.6 | 1253.0 | 1326.6 | 1336.3 | 1283.3 |
| 37.5°  | 678.9  | 688.8  | 707.0  | 735.9  | 783.2  | 856.9  | 939.0  | 1055.7 | 1162.4 | 1241.8 | 1245.3 |
| 40°    | 593.4  | 596.3  | 616.9  | 638.9  | 677.2  | 737.8  | 811.9  | 915.1  | 1042.9 | 1153.8 | 1200.0 |
| 42.5°  | 529.3  | 535.7  | 544.4  | 565.6  | 596.1  | 641.7  | 710.5  | 795.9  | 912.9  | 1040.5 | 1130.9 |
| 45°    | 454.9  | 462.0  | 467.5  | 481.5  | 503.2  | 533.9  | 581.9  | 659.9  | 749.0  | 880.8  | 1002.5 |
| 47.5°  | 405.6  | 406.1  | 410.2  | 420.8  | 435.5  | 458.6  | 492.6  | 542.6  | 624.5  | 731.3  | 856.3  |
| 50°    | 370.4  | 376.2  | 377.6  | 385.9  | 397.5  | 414.4  | 442.6  | 485.1  | 552.3  | 646.2  | 761.0  |
| 52.5°  | 345.5  | 347.2  | 351.3  | 357.3  | 367.4  | 380.6  | 405.0  | 438.4  | 491.1  | 571.1  | 676.7  |
| 55°    | 309.0  | 309.0  | 313.0  | 317.6  | 323.5  | 335.4  | 351.6  | 376.2  | 416.2  | 478.3  | 565.7  |
| 57.5°  | 275.2  | 277.0  | 279.8  | 281.3  | 286.2  | 294.1  | 307.6  | 326.3  | 356.2  | 404.0  | 473.4  |
| 60°    | 252.7  | 255.9  | 255.6  | 258.4  | 262.8  | 268.9  | 280.5  | 295.7  | 322.3  | 360.6  | 419.1  |
| 62.5°  | 233.1  | 232.8  | 232.8  | 236.2  | 240.5  | 246.4  | 253.9  | 267.0  | 289.7  | 323.7  | 373.4  |
| 65°    | 200.7  | 200.0  | 202.6  | 204.7  | 206.1  | 210.5  | 216.2  | 227.8  | 243.0  | 268.2  | 306.8  |
| 67.5°  | 172.0  | 169.8  | 171.3  | 172.0  | 174.5  | 177.9  | 183.2  | 190.4  | 202.5  | 222.7  | 251.8  |
| 70°    | 152.3  | 150.5  | 150.1  | 150.9  | 153.1  | 155.6  | 159.6  | 166.5  | 177.6  | 193.9  | 215.2  |
| 72.5°  | 132.1  | 130.9  | 130.8  | 132.4  | 133.5  | 135.1  | 137.9  | 144.2  | 153.1  | 165.2  | 185.1  |
| 75°    | 103.2  | 103.2  | 103.2  | 103.6  | 104.7  | 106.1  | 108.3  | 111.5  | 118.4  | 127.1  | 140.4  |
| 77.5°  | 77.4   | 77.3   | 76.9   | 76.8   | 78.4   | 79.1   | 79.6   | 82.6   | 86.4   | 92.3   | 102.0  |
| 80°    | 60.6   | 58.8   | 59.6   | 60.6   | 61.4   | 61.7   | 62.8   | 63.5   | 66.8   | 70.0   | 76.9   |
| 82.5°  | 45.1   | 43.5   | 43.6   | 45.3   | 45.5   | 45.8   | 46.9   | 48.0   | 49.2   | 52.1   | 55.8   |
| 85°    | 23.8   | 23.8   | 24.2   | 24.2   | 24.5   | 24.2   | 25.3   | 25.6   | 25.6   | 27.4   | 29.6   |
| 87.5°  | 11.2   | 10.6   | 10.8   | 11.1   | 10.7   | 11.0   | 11.2   | 11.4   | 11.6   | 11.9   | 11.9   |
| 90°    | 12.7   | 12.5   | 12.3   | 12.2   | 12.0   | 11.7   | 11.3   | 10.9   | 10.6   | 10.2   | 9.0    |
| 92.5°  | 14.0   | 13.9   | 13.9   | 13.8   | 13.6   | 13.3   | 12.6   | 12.1   | 11.4   | 10.8   | 9.9    |
| 95°    | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 15.7   | 15.1   | 14.4   | 13.8   | 13.1   | 12.1   |
| 97.5°  | 17.4   | 17.3   | 17.2   | 17.2   | 17.1   | 16.7   | 15.9   | 15.2   | 14.4   | 13.7   | 20.5   |
| 100°   | 17.8   | 17.7   | 17.6   | 17.5   | 17.4   | 17.0   | 16.2   | 15.5   | 14.7   | 13.9   | 28.7   |
| 102.5° | 18.1   | 17.9   | 17.8   | 17.6   | 17.4   | 18.6   | 20.8   | 23.2   | 25.5   | 27.9   | 43.9   |
| 105°   | 18.7   | 18.5   | 18.3   | 18.1   | 17.9   | 26.1   | 42.8   | 59.4   | 76.1   | 92.7   | 101.2  |
| 107.5° | 58.5   | 71.1   | 83.6   | 96.1   | 108.8  | 121.1  | 133.4  | 145.5  | 157.8  | 169.9  | 168.6  |
| 110°   | 116.5  | 129.9  | 143.4  | 156.8  | 170.3  | 178.5  | 181.6  | 184.7  | 187.8  | 191.0  | 189.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 199.8 | 202.6 | 205.5 | 208.3 | 211.1 | 212.5 | 212.4 | 212.4 | 212.4 | 212.4 | 211.3 |
| 115°   | 249.0 | 248.6 | 248.3 | 247.9 | 247.5 | 246.9 | 245.9 | 245.0 | 244.0 | 243.1 | 242.2 |
| 117.5° | 276.6 | 276.5 | 276.4 | 276.4 | 276.3 | 275.9 | 275.1 | 274.4 | 273.6 | 272.9 | 272.5 |
| 120°   | 295.6 | 295.6 | 295.6 | 295.6 | 295.6 | 295.2 | 294.5 | 293.7 | 292.9 | 292.2 | 291.9 |
| 122.5° | 314.2 | 314.1 | 314.1 | 314.0 | 313.9 | 313.6 | 313.1 | 312.5 | 312.0 | 311.5 | 311.1 |
| 125°   | 340.4 | 340.3 | 340.1 | 339.9 | 339.7 | 339.5 | 339.3 | 339.1 | 338.9 | 338.7 | 338.4 |
| 127.5° | 365.7 | 365.9 | 366.1 | 366.3 | 366.5 | 366.4 | 366.1 | 365.8 | 365.5 | 365.2 | 364.8 |
| 130°   | 381.9 | 382.1 | 382.3 | 382.5 | 382.7 | 382.6 | 382.2 | 381.8 | 381.4 | 381.1 | 380.8 |
| 132.5° | 396.9 | 397.1 | 397.4 | 397.7 | 397.9 | 397.8 | 397.5 | 397.1 | 396.7 | 396.3 | 396.1 |
| 135°   | 419.6 | 419.9 | 420.2 | 420.5 | 420.8 | 420.8 | 420.5 | 420.2 | 419.9 | 419.6 | 419.2 |
| 137.5° | 441.1 | 441.3 | 441.5 | 441.7 | 441.9 | 441.7 | 441.2 | 440.8 | 440.4 | 439.9 | 439.7 |
| 140°   | 453.9 | 454.1 | 454.3 | 454.5 | 454.7 | 454.6 | 454.2 | 453.8 | 453.5 | 453.1 | 452.8 |
| 142.5° | 465.8 | 466.1 | 466.4 | 466.6 | 466.8 | 466.8 | 466.6 | 466.3 | 465.9 | 465.6 | 465.3 |
| 145°   | 484.0 | 484.0 | 484.0 | 484.0 | 484.0 | 483.9 | 483.7 | 483.5 | 483.3 | 483.1 | 483.0 |
| 147.5° | 497.6 | 498.0 | 498.4 | 498.9 | 499.3 | 499.5 | 499.3 | 499.1 | 498.9 | 498.7 | 498.5 |
| 150°   | 507.7 | 508.0 | 508.3 | 508.6 | 508.9 | 508.9 | 508.7 | 508.5 | 508.3 | 508.1 | 507.9 |
| 152.5° | 515.9 | 516.3 | 516.7 | 517.2 | 517.6 | 517.6 | 517.3 | 517.0 | 516.6 | 516.3 | 516.1 |
| 155°   | 527.3 | 527.7 | 528.3 | 528.9 | 529.4 | 529.5 | 529.0 | 528.6 | 528.1 | 527.6 | 527.5 |
| 157.5° | 536.8 | 537.5 | 538.3 | 538.9 | 539.7 | 539.8 | 539.2 | 538.7 | 538.1 | 537.5 | 537.6 |
| 160°   | 542.9 | 543.6 | 544.2 | 544.9 | 545.5 | 545.5 | 545.0 | 544.4 | 543.8 | 543.3 | 543.4 |
| 162.5° | 548.7 | 549.2 | 549.8 | 550.4 | 551.0 | 550.9 | 550.4 | 549.7 | 549.0 | 548.4 | 548.5 |
| 165°   | 555.6 | 556.3 | 556.9 | 557.5 | 558.2 | 558.2 | 557.4 | 556.7 | 555.9 | 555.2 | 555.3 |
| 167.5° | 560.6 | 561.4 | 562.1 | 562.8 | 563.5 | 563.5 | 562.8 | 562.1 | 561.4 | 560.6 | 560.6 |
| 170°   | 563.6 | 564.4 | 565.1 | 565.9 | 566.7 | 566.7 | 565.9 | 565.1 | 564.4 | 563.6 | 563.6 |
| 172.5° | 565.3 | 566.2 | 566.9 | 567.8 | 568.6 | 568.6 | 567.9 | 567.1 | 566.4 | 565.6 | 565.6 |
| 175°   | 567.9 | 568.6 | 569.4 | 570.1 | 570.9 | 570.9 | 570.2 | 569.6 | 568.9 | 568.3 | 568.2 |
| 177.5° | 568.6 | 569.4 | 570.1 | 570.9 | 571.7 | 571.7 | 571.1 | 570.5 | 569.9 | 569.3 | 569.2 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 745.1  | 745.1  | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5°   | 768.2  | 765.9  | 763.6 | 759.5 | 756.0 | 751.1 | 749.7 | 748.0 | 742.8 | 738.1 | 734.7 |
| 5°     | 815.1  | 806.4  | 793.8 | 782.2 | 772.9 | 760.3 | 753.0 | 745.5 | 734.6 | 724.9 | 716.9 |
| 7.5°   | 864.2  | 847.2  | 827.6 | 806.3 | 786.6 | 767.4 | 752.1 | 738.4 | 723.2 | 708.8 | 697.7 |
| 10°    | 903.2  | 878.6  | 851.2 | 821.6 | 796.4 | 771.8 | 751.2 | 733.2 | 713.7 | 696.7 | 682.6 |
| 12.5°  | 947.6  | 911.3  | 873.5 | 837.4 | 807.6 | 773.5 | 748.7 | 725.7 | 703.6 | 683.2 | 667.3 |
| 15°    | 1000.3 | 954.1  | 909.4 | 859.9 | 814.4 | 771.8 | 742.2 | 713.3 | 687.7 | 666.8 | 646.5 |
| 17.5°  | 1048.2 | 995.9  | 936.9 | 876.8 | 821.9 | 771.4 | 729.9 | 697.3 | 665.2 | 639.6 | 619.4 |
| 20°    | 1075.3 | 1015.8 | 949.0 | 886.6 | 826.0 | 769.6 | 724.2 | 685.1 | 650.5 | 623.4 | 600.7 |
| 22.5°  | 1098.8 | 1029.1 | 960.0 | 893.2 | 825.7 | 765.0 | 713.5 | 673.4 | 635.7 | 609.3 | 585.1 |
| 25°    | 1123.0 | 1039.6 | 970.3 | 892.0 | 816.5 | 753.8 | 696.0 | 650.5 | 612.9 | 581.9 | 557.0 |
| 27.5°  | 1143.9 | 1039.0 | 956.7 | 872.4 | 802.3 | 739.3 | 677.7 | 628.9 | 589.0 | 555.3 | 530.0 |
| 30°    | 1157.7 | 1040.4 | 942.5 | 859.1 | 788.4 | 723.4 | 663.5 | 614.4 | 572.5 | 538.2 | 514.4 |
| 32.5°  | 1166.4 | 1039.5 | 929.5 | 840.7 | 766.5 | 709.0 | 648.2 | 597.4 | 554.3 | 520.7 | 497.7 |
| 35°    | 1171.4 | 1033.1 | 907.2 | 802.5 | 731.0 | 675.0 | 624.2 | 571.5 | 526.3 | 494.9 | 468.9 |
| 37.5°  | 1161.3 | 1019.8 | 881.2 | 765.6 | 687.4 | 632.4 | 589.5 | 544.6 | 501.4 | 466.8 | 444.4 |
| 40°    | 1145.4 | 1011.2 | 860.9 | 739.7 | 657.3 | 604.3 | 567.9 | 523.8 | 481.2 | 448.4 | 427.4 |
| 42.5°  | 1115.1 | 993.5  | 838.8 | 710.8 | 626.1 | 573.1 | 539.5 | 502.8 | 462.4 | 431.6 | 410.7 |
| 45°    | 1041.1 | 955.2  | 805.4 | 667.5 | 580.1 | 525.3 | 495.7 | 468.9 | 432.4 | 402.5 | 384.5 |
| 47.5°  | 938.4  | 897.5  | 757.1 | 621.8 | 532.1 | 479.3 | 448.5 | 427.0 | 400.3 | 376.2 | 358.8 |
| 50°    | 867.1  | 850.2  | 724.5 | 590.6 | 499.9 | 448.4 | 418.8 | 399.3 | 380.1 | 355.9 | 340.1 |
| 52.5°  | 784.8  | 795.2  | 686.4 | 558.3 | 467.3 | 416.6 | 388.7 | 373.2 | 355.9 | 336.0 | 322.2 |
| 55°    | 668.9  | 706.8  | 620.6 | 504.0 | 418.8 | 370.4 | 344.0 | 330.3 | 320.2 | 305.4 | 293.5 |
| 57.5°  | 560.4  | 608.6  | 549.3 | 448.0 | 371.0 | 329.3 | 304.1 | 289.1 | 282.6 | 274.8 | 265.5 |
| 60°    | 496.0  | 543.7  | 498.5 | 410.5 | 338.9 | 299.3 | 276.9 | 264.3 | 257.8 | 252.3 | 244.4 |
| 62.5°  | 438.6  | 486.7  | 448.8 | 372.3 | 307.5 | 270.7 | 251.2 | 238.8 | 233.8 | 230.9 | 224.1 |
| 65°    | 359.6  | 401.1  | 375.8 | 313.0 | 262.4 | 230.0 | 212.3 | 203.6 | 198.9 | 197.8 | 193.5 |
| 67.5°  | 292.7  | 324.2  | 305.9 | 259.6 | 219.8 | 191.7 | 176.7 | 169.4 | 165.8 | 165.4 | 162.1 |
| 70°    | 248.7  | 278.3  | 264.3 | 222.3 | 188.0 | 166.1 | 153.1 | 146.6 | 144.4 | 144.0 | 142.2 |
| 72.5°  | 214.6  | 235.3  | 224.1 | 189.2 | 162.7 | 142.7 | 133.1 | 126.3 | 123.9 | 124.4 | 123.2 |
| 75°    | 158.8  | 174.4  | 167.9 | 143.6 | 122.3 | 109.3 | 101.4 | 97.1  | 94.9  | 96.0  | 94.5  |
| 77.5°  | 114.3  | 124.1  | 118.3 | 101.5 | 88.4  | 79.0  | 73.1  | 70.5  | 68.5  | 68.4  | 67.8  |
| 80°    | 86.2   | 92.1   | 88.8  | 78.7  | 67.9  | 59.9  | 55.2  | 53.4  | 52.3  | 52.0  | 51.7  |
| 82.5°  | 61.5   | 66.4   | 62.5  | 55.6  | 48.3  | 43.5  | 40.8  | 38.5  | 37.6  | 37.8  | 37.5  |
| 85°    | 31.0   | 32.9   | 31.4  | 27.1  | 24.2  | 22.1  | 20.5  | 19.5  | 18.8  | 19.1  | 18.4  |
| 87.5°  | 12.3   | 12.3   | 11.1  | 9.8   | 9.0   | 8.0   | 7.8   | 7.0   | 6.6   | 6.8   | 6.7   |
| 90°    | 7.7    | 6.5    | 5.3   | 4.1   | 3.2   | 2.3   | 1.3   | 0.4   | 1.3   | 2.3   | 3.2   |
| 92.5°  | 9.0    | 8.1    | 7.2   | 6.8   | 7.1   | 7.4   | 7.6   | 7.9   | 7.6   | 7.4   | 7.1   |
| 95°    | 11.0   | 10.0   | 9.0   | 10.4  | 14.2  | 18.1  | 22.0  | 25.8  | 22.0  | 18.1  | 14.2  |
| 97.5°  | 27.1   | 33.9   | 40.7  | 45.0  | 46.8  | 48.4  | 50.1  | 51.9  | 50.1  | 48.4  | 46.8  |
| 100°   | 43.4   | 58.1   | 72.7  | 79.1  | 77.2  | 75.3  | 73.4  | 71.5  | 73.4  | 75.3  | 77.2  |
| 102.5° | 59.9   | 76.0   | 92.0  | 99.3  | 98.0  | 96.6  | 95.3  | 93.9  | 95.3  | 96.6  | 98.0  |
| 105°   | 109.7  | 118.1  | 126.6 | 130.4 | 129.3 | 128.3 | 127.2 | 126.2 | 127.2 | 128.3 | 129.3 |
| 107.5° | 167.3  | 166.0  | 164.7 | 163.5 | 162.7 | 161.9 | 161.1 | 160.2 | 161.1 | 161.9 | 162.7 |
| 110°   | 188.9  | 187.8  | 186.8 | 186.0 | 185.2 | 184.5 | 183.7 | 182.9 | 183.7 | 184.5 | 185.2 |





TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 210.3 | 209.2 | 208.2 | 207.4 | 206.6 | 205.9 | 205.3 | 204.6 | 205.3 | 205.9 | 206.6 |
| 115°   | 241.4 | 240.5 | 239.7 | 238.9 | 238.4 | 237.8 | 237.2 | 236.7 | 237.2 | 237.8 | 238.4 |
| 117.5° | 272.0 | 271.5 | 271.2 | 270.6 | 269.8 | 269.2 | 268.5 | 267.8 | 268.5 | 269.2 | 269.8 |
| 120°   | 291.6 | 291.3 | 291.1 | 290.5 | 289.6 | 288.8 | 287.9 | 287.1 | 287.9 | 288.8 | 289.6 |
| 122.5° | 310.8 | 310.5 | 310.1 | 309.5 | 308.9 | 308.1 | 307.5 | 306.8 | 307.5 | 308.1 | 308.9 |
| 125°   | 338.0 | 337.6 | 337.2 | 336.7 | 335.9 | 335.2 | 334.4 | 333.7 | 334.4 | 335.2 | 335.9 |
| 127.5° | 364.3 | 363.8 | 363.4 | 362.8 | 362.0 | 361.3 | 360.5 | 359.8 | 360.5 | 361.3 | 362.0 |
| 130°   | 380.4 | 380.0 | 379.7 | 379.1 | 378.3 | 377.6 | 376.8 | 376.1 | 376.8 | 377.6 | 378.3 |
| 132.5° | 395.8 | 395.5 | 395.1 | 394.6 | 393.9 | 393.1 | 392.4 | 391.6 | 392.4 | 393.1 | 393.9 |
| 135°   | 418.9 | 418.5 | 418.1 | 417.6 | 417.1 | 416.5 | 415.9 | 415.4 | 415.9 | 416.5 | 417.1 |
| 137.5° | 439.5 | 439.3 | 439.0 | 438.6 | 437.9 | 437.2 | 436.5 | 435.7 | 436.5 | 437.2 | 437.9 |
| 140°   | 452.5 | 452.2 | 451.9 | 451.6 | 451.0 | 450.4 | 449.9 | 449.3 | 449.9 | 450.4 | 451.0 |
| 142.5° | 465.1 | 464.8 | 464.5 | 464.1 | 463.5 | 463.0 | 462.4 | 461.8 | 462.4 | 463.0 | 463.5 |
| 145°   | 482.8 | 482.6 | 482.4 | 482.0 | 481.4 | 480.7 | 480.0 | 479.4 | 480.0 | 480.7 | 481.4 |
| 147.5° | 498.3 | 498.1 | 497.9 | 497.6 | 497.2 | 496.7 | 496.3 | 495.9 | 496.3 | 496.7 | 497.2 |
| 150°   | 507.7 | 507.6 | 507.4 | 507.2 | 506.9 | 506.6 | 506.3 | 506.1 | 506.3 | 506.6 | 506.9 |
| 152.5° | 516.0 | 515.9 | 515.9 | 515.8 | 515.6 | 515.5 | 515.3 | 515.2 | 515.3 | 515.5 | 515.6 |
| 155°   | 527.4 | 527.4 | 527.3 | 527.4 | 527.5 | 527.6 | 527.8 | 528.0 | 527.8 | 527.6 | 527.5 |
| 157.5° | 537.7 | 537.8 | 537.9 | 538.0 | 538.0 | 538.0 | 538.0 | 538.1 | 538.0 | 538.0 | 538.0 |
| 160°   | 543.5 | 543.6 | 543.7 | 543.8 | 543.8 | 543.9 | 544.0 | 544.1 | 544.0 | 543.9 | 543.8 |
| 162.5° | 548.6 | 548.7 | 548.7 | 548.9 | 549.2 | 549.4 | 549.7 | 549.9 | 549.7 | 549.4 | 549.2 |
| 165°   | 555.3 | 555.4 | 555.5 | 555.7 | 556.0 | 556.3 | 556.6 | 556.9 | 556.6 | 556.3 | 556.0 |
| 167.5° | 560.6 | 560.6 | 560.6 | 560.8 | 561.2 | 561.6 | 561.9 | 562.3 | 561.9 | 561.6 | 561.2 |
| 170°   | 563.6 | 563.6 | 563.6 | 563.8 | 564.2 | 564.6 | 565.0 | 565.3 | 565.0 | 564.6 | 564.2 |
| 172.5° | 565.5 | 565.4 | 565.3 | 565.5 | 566.0 | 566.5 | 566.9 | 567.3 | 566.9 | 566.5 | 566.0 |
| 175°   | 568.1 | 568.0 | 567.9 | 568.1 | 568.5 | 569.0 | 569.5 | 570.0 | 569.5 | 569.0 | 568.5 |
| 177.5° | 569.1 | 569.1 | 569.0 | 569.1 | 569.5 | 569.9 | 570.2 | 570.6 | 570.2 | 569.9 | 569.5 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5°   | 732.6 | 730.7 | 727.7 | 723.4 | 719.9 | 714.4 | 714.4 | 715.3 | 715.3 | 715.0 | 714.4 |
| 5°     | 710.4 | 705.0 | 698.5 | 691.0 | 683.0 | 675.0 | 673.6 | 670.7 | 668.5 | 667.1 | 665.3 |
| 7.5°   | 686.9 | 677.4 | 667.9 | 657.3 | 647.6 | 639.6 | 634.0 | 629.4 | 626.4 | 623.3 | 620.9 |
| 10°    | 671.1 | 659.1 | 648.0 | 636.8 | 624.5 | 614.7 | 608.6 | 604.3 | 601.1 | 598.1 | 596.7 |
| 12.5°  | 652.3 | 638.7 | 626.3 | 615.7 | 602.3 | 592.2 | 586.4 | 584.4 | 580.5 | 574.5 | 571.3 |
| 15°    | 624.9 | 612.3 | 597.5 | 581.2 | 574.7 | 562.4 | 555.5 | 552.3 | 550.2 | 545.4 | 544.0 |
| 17.5°  | 601.4 | 584.8 | 568.3 | 556.1 | 544.0 | 534.1 | 530.3 | 526.2 | 523.4 | 519.5 | 518.4 |
| 20°    | 582.7 | 567.9 | 552.7 | 539.7 | 527.1 | 516.2 | 512.9 | 510.1 | 507.2 | 505.4 | 504.0 |
| 22.5°  | 563.5 | 548.7 | 536.2 | 524.1 | 510.6 | 503.5 | 499.9 | 496.8 | 494.7 | 493.5 | 492.1 |
| 25°    | 536.8 | 523.8 | 509.7 | 498.9 | 488.0 | 483.3 | 481.2 | 479.4 | 478.0 | 476.2 | 475.8 |
| 27.5°  | 512.8 | 498.7 | 487.3 | 477.1 | 469.4 | 465.4 | 463.4 | 462.5 | 462.8 | 463.4 | 463.8 |
| 30°    | 494.9 | 481.9 | 472.5 | 463.8 | 456.7 | 453.1 | 452.7 | 452.7 | 454.1 | 454.5 | 455.2 |
| 32.5°  | 478.4 | 467.8 | 458.4 | 450.0 | 444.5 | 442.1 | 443.5 | 443.5 | 444.6 | 445.5 | 446.9 |
| 35°    | 454.5 | 445.1 | 437.9 | 430.6 | 425.9 | 427.1 | 427.7 | 428.5 | 430.3 | 432.4 | 433.9 |
| 37.5°  | 431.6 | 423.5 | 415.9 | 410.3 | 408.1 | 410.1 | 411.8 | 413.3 | 415.5 | 417.1 | 418.5 |
| 40°    | 415.1 | 409.0 | 401.8 | 396.7 | 397.5 | 398.5 | 400.0 | 401.8 | 403.6 | 404.6 | 406.1 |
| 42.5°  | 399.8 | 393.4 | 388.0 | 383.7 | 384.7 | 386.2 | 387.0 | 388.0 | 390.0 | 392.0 | 392.9 |
| 45°    | 376.5 | 371.5 | 366.4 | 363.9 | 364.6 | 365.3 | 366.1 | 367.1 | 368.9 | 370.4 | 370.7 |
| 47.5°  | 350.3 | 346.8 | 343.4 | 340.9 | 342.0 | 341.8 | 342.7 | 345.1 | 345.6 | 346.5 | 348.5 |
| 50°    | 333.6 | 330.3 | 326.3 | 325.6 | 325.6 | 325.6 | 325.9 | 328.9 | 328.9 | 330.3 | 331.8 |
| 52.5°  | 315.1 | 313.0 | 310.5 | 309.2 | 308.6 | 308.6 | 310.1 | 311.5 | 312.1 | 314.1 | 315.6 |
| 55°    | 287.7 | 285.5 | 283.4 | 282.3 | 281.5 | 282.3 | 285.2 | 285.9 | 287.7 | 288.8 | 289.8 |
| 57.5°  | 259.2 | 257.5 | 255.8 | 255.2 | 255.1 | 256.0 | 257.6 | 259.8 | 260.2 | 263.5 | 265.1 |
| 60°    | 240.4 | 237.9 | 236.5 | 236.5 | 235.7 | 238.9 | 238.3 | 241.9 | 242.6 | 244.8 | 247.3 |
| 62.5°  | 221.0 | 217.6 | 217.1 | 217.1 | 218.1 | 219.0 | 220.1 | 221.7 | 223.6 | 226.3 | 228.2 |
| 65°    | 189.9 | 188.0 | 190.6 | 190.2 | 189.5 | 191.7 | 191.7 | 193.5 | 195.7 | 198.2 | 202.2 |
| 67.5°  | 160.3 | 159.4 | 159.7 | 159.7 | 160.7 | 161.9 | 163.0 | 164.6 | 167.1 | 169.8 | 172.4 |
| 70°    | 140.4 | 141.5 | 139.7 | 141.2 | 142.2 | 142.6 | 143.3 | 145.4 | 148.4 | 150.1 | 153.1 |
| 72.5°  | 121.1 | 121.0 | 121.2 | 121.8 | 122.9 | 123.6 | 124.2 | 126.7 | 129.9 | 131.4 | 133.7 |
| 75°    | 93.1  | 92.7  | 93.9  | 93.9  | 95.7  | 96.4  | 97.1  | 98.2  | 101.0 | 103.2 | 105.1 |
| 77.5°  | 68.1  | 68.4  | 68.2  | 69.5  | 69.0  | 69.1  | 71.4  | 72.4  | 72.7  | 77.0  | 77.9  |
| 80°    | 51.3  | 52.0  | 52.3  | 52.7  | 53.1  | 52.3  | 54.9  | 56.0  | 56.0  | 58.4  | 60.3  |
| 82.5°  | 36.9  | 37.2  | 38.2  | 38.5  | 38.6  | 39.3  | 39.6  | 40.3  | 41.2  | 42.3  | 44.7  |
| 85°    | 18.4  | 19.5  | 19.9  | 19.5  | 19.9  | 19.1  | 20.2  | 20.5  | 20.9  | 20.9  | 20.9  |
| 87.5°  | 6.6   | 7.2   | 7.1   | 7.6   | 7.5   | 8.1   | 8.2   | 7.6   | 7.7   | 8.7   | 7.6   |
| 90°    | 4.1   | 5.3   | 6.5   | 7.7   | 9.0   | 10.2  | 10.6  | 10.9  | 11.3  | 11.7  | 12.0  |
| 92.5°  | 6.8   | 7.2   | 8.1   | 9.0   | 9.9   | 10.8  | 11.4  | 12.1  | 12.6  | 13.3  | 13.6  |
| 95°    | 10.4  | 9.0   | 10.0  | 11.0  | 12.1  | 13.1  | 13.8  | 14.4  | 15.1  | 15.7  | 16.1  |
| 97.5°  | 45.0  | 40.7  | 33.9  | 27.1  | 20.5  | 13.7  | 14.4  | 15.2  | 15.9  | 16.7  | 17.1  |
| 100°   | 79.1  | 72.7  | 58.1  | 43.4  | 28.7  | 13.9  | 14.7  | 15.5  | 16.2  | 17.0  | 17.4  |
| 102.5° | 99.3  | 92.0  | 76.0  | 59.9  | 43.9  | 27.9  | 25.5  | 23.2  | 20.8  | 18.6  | 17.4  |
| 105°   | 130.4 | 126.6 | 118.1 | 109.7 | 101.2 | 92.7  | 76.1  | 59.4  | 42.8  | 26.1  | 17.9  |
| 107.5° | 163.5 | 164.7 | 166.0 | 167.3 | 168.6 | 169.9 | 157.8 | 145.5 | 133.4 | 121.1 | 108.8 |
| 110°   | 186.0 | 186.8 | 187.8 | 188.9 | 189.9 | 191.0 | 187.8 | 184.7 | 181.6 | 178.5 | 170.3 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 207.4 | 208.2 | 209.2 | 210.3 | 211.3 | 212.4 | 212.4 | 212.4 | 212.4 | 212.5 | 211.1 |
| 115°   | 238.9 | 239.7 | 240.5 | 241.4 | 242.2 | 243.1 | 244.0 | 245.0 | 245.9 | 246.9 | 247.5 |
| 117.5° | 270.6 | 271.2 | 271.5 | 272.0 | 272.5 | 272.9 | 273.6 | 274.4 | 275.1 | 275.9 | 276.3 |
| 120°   | 290.5 | 291.1 | 291.3 | 291.6 | 291.9 | 292.2 | 292.9 | 293.7 | 294.5 | 295.2 | 295.6 |
| 122.5° | 309.5 | 310.1 | 310.5 | 310.8 | 311.1 | 311.5 | 312.0 | 312.5 | 313.1 | 313.6 | 313.9 |
| 125°   | 336.7 | 337.2 | 337.6 | 338.0 | 338.4 | 338.7 | 338.9 | 339.1 | 339.3 | 339.5 | 339.7 |
| 127.5° | 362.8 | 363.4 | 363.8 | 364.3 | 364.8 | 365.2 | 365.5 | 365.8 | 366.1 | 366.4 | 366.5 |
| 130°   | 379.1 | 379.7 | 380.0 | 380.4 | 380.8 | 381.1 | 381.4 | 381.8 | 382.2 | 382.6 | 382.7 |
| 132.5° | 394.6 | 395.1 | 395.5 | 395.8 | 396.1 | 396.3 | 396.7 | 397.1 | 397.5 | 397.8 | 397.9 |
| 135°   | 417.6 | 418.1 | 418.5 | 418.9 | 419.2 | 419.6 | 419.9 | 420.2 | 420.5 | 420.8 | 420.8 |
| 137.5° | 438.6 | 439.0 | 439.3 | 439.5 | 439.7 | 439.9 | 440.4 | 440.8 | 441.2 | 441.7 | 441.9 |
| 140°   | 451.6 | 451.9 | 452.2 | 452.5 | 452.8 | 453.1 | 453.5 | 453.8 | 454.2 | 454.6 | 454.7 |
| 142.5° | 464.1 | 464.5 | 464.8 | 465.1 | 465.3 | 465.6 | 465.9 | 466.3 | 466.6 | 466.8 | 466.8 |
| 145°   | 482.0 | 482.4 | 482.6 | 482.8 | 483.0 | 483.1 | 483.3 | 483.5 | 483.7 | 483.9 | 484.0 |
| 147.5° | 497.6 | 497.9 | 498.1 | 498.3 | 498.5 | 498.7 | 498.9 | 499.1 | 499.3 | 499.5 | 499.3 |
| 150°   | 507.2 | 507.4 | 507.6 | 507.7 | 507.9 | 508.1 | 508.3 | 508.5 | 508.7 | 508.9 | 508.9 |
| 152.5° | 515.8 | 515.9 | 515.9 | 516.0 | 516.1 | 516.3 | 516.6 | 517.0 | 517.3 | 517.6 | 517.6 |
| 155°   | 527.4 | 527.3 | 527.4 | 527.4 | 527.5 | 527.6 | 528.1 | 528.6 | 529.0 | 529.5 | 529.4 |
| 157.5° | 538.0 | 537.9 | 537.8 | 537.7 | 537.6 | 537.5 | 538.1 | 538.7 | 539.2 | 539.8 | 539.7 |
| 160°   | 543.8 | 543.7 | 543.6 | 543.5 | 543.4 | 543.3 | 543.8 | 544.4 | 545.0 | 545.5 | 545.5 |
| 162.5° | 548.9 | 548.7 | 548.7 | 548.6 | 548.5 | 548.4 | 549.0 | 549.7 | 550.4 | 550.9 | 551.0 |
| 165°   | 555.7 | 555.5 | 555.4 | 555.3 | 555.3 | 555.2 | 555.9 | 556.7 | 557.4 | 558.2 | 558.2 |
| 167.5° | 560.8 | 560.6 | 560.6 | 560.6 | 560.6 | 560.6 | 561.4 | 562.1 | 562.8 | 563.5 | 563.5 |
| 170°   | 563.8 | 563.6 | 563.6 | 563.6 | 563.6 | 563.6 | 564.4 | 565.1 | 565.9 | 566.7 | 566.7 |
| 172.5° | 565.5 | 565.3 | 565.4 | 565.5 | 565.6 | 565.6 | 566.4 | 567.1 | 567.9 | 568.6 | 568.6 |
| 175°   | 568.1 | 567.9 | 568.0 | 568.1 | 568.2 | 568.3 | 568.9 | 569.6 | 570.2 | 570.9 | 570.9 |
| 177.5° | 569.1 | 569.0 | 569.1 | 569.1 | 569.2 | 569.3 | 569.9 | 570.5 | 571.1 | 571.7 | 571.7 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5°   | 712.5 | 712.2 | 714.2 | 712.8 | 714.2 | 712.2 | 712.5 | 714.4 | 715.0 | 715.3 | 715.3 |
| 5°     | 663.2 | 664.2 | 660.6 | 660.6 | 660.6 | 664.2 | 663.2 | 665.3 | 667.1 | 668.5 | 670.7 |
| 7.5°   | 619.3 | 617.6 | 617.8 | 615.9 | 617.8 | 617.6 | 619.3 | 620.9 | 623.3 | 626.4 | 629.4 |
| 10°    | 592.4 | 590.2 | 589.5 | 589.8 | 589.5 | 590.2 | 592.4 | 596.7 | 598.1 | 601.1 | 604.3 |
| 12.5°  | 570.1 | 569.7 | 565.0 | 565.1 | 565.0 | 569.7 | 570.1 | 571.3 | 574.5 | 580.5 | 584.4 |
| 15°    | 544.0 | 537.2 | 536.4 | 538.6 | 536.4 | 537.2 | 544.0 | 544.0 | 545.4 | 550.2 | 552.3 |
| 17.5°  | 517.8 | 514.2 | 514.4 | 513.3 | 514.4 | 514.2 | 517.8 | 518.4 | 519.5 | 523.4 | 526.2 |
| 20°    | 504.0 | 501.8 | 501.4 | 498.9 | 501.4 | 501.8 | 504.0 | 504.0 | 505.4 | 507.2 | 510.1 |
| 22.5°  | 491.3 | 490.5 | 490.7 | 488.0 | 490.7 | 490.5 | 491.3 | 492.1 | 493.5 | 494.7 | 496.8 |
| 25°    | 475.4 | 477.2 | 475.8 | 475.8 | 475.8 | 477.2 | 475.4 | 475.8 | 476.2 | 478.0 | 479.4 |
| 27.5°  | 464.8 | 464.7 | 463.9 | 463.9 | 463.9 | 464.7 | 464.8 | 463.8 | 463.4 | 462.8 | 462.5 |
| 30°    | 456.7 | 456.3 | 457.0 | 457.0 | 457.0 | 456.3 | 456.7 | 455.2 | 454.5 | 454.1 | 452.7 |
| 32.5°  | 448.6 | 449.0 | 449.2 | 449.5 | 449.2 | 449.0 | 448.6 | 446.9 | 445.5 | 444.6 | 443.5 |
| 35°    | 436.1 | 436.4 | 437.5 | 436.8 | 437.5 | 436.4 | 436.1 | 433.9 | 432.4 | 430.3 | 428.5 |
| 37.5°  | 419.1 | 420.8 | 420.5 | 421.0 | 420.5 | 420.8 | 419.1 | 418.5 | 417.1 | 415.5 | 413.3 |
| 40°    | 406.5 | 407.6 | 407.2 | 407.2 | 407.2 | 407.6 | 406.5 | 406.1 | 404.6 | 403.6 | 401.8 |
| 42.5°  | 393.5 | 394.3 | 393.3 | 392.8 | 393.3 | 394.3 | 393.5 | 392.9 | 392.0 | 390.0 | 388.0 |
| 45°    | 372.2 | 371.5 | 372.6 | 371.1 | 372.6 | 371.5 | 372.2 | 370.7 | 370.4 | 368.9 | 367.1 |
| 47.5°  | 348.4 | 349.1 | 349.4 | 350.4 | 349.4 | 349.1 | 348.4 | 348.5 | 346.5 | 345.6 | 345.1 |
| 50°    | 332.4 | 334.6 | 334.6 | 334.3 | 334.6 | 334.6 | 332.4 | 331.8 | 330.3 | 328.9 | 328.9 |
| 52.5°  | 316.9 | 317.9 | 319.3 | 319.2 | 319.3 | 317.9 | 316.9 | 315.6 | 314.1 | 312.1 | 311.5 |
| 55°    | 292.8 | 293.5 | 294.2 | 294.5 | 294.2 | 293.5 | 292.8 | 289.8 | 288.8 | 287.7 | 285.9 |
| 57.5°  | 267.8 | 267.5 | 269.2 | 269.8 | 269.2 | 267.5 | 267.8 | 265.1 | 263.5 | 260.2 | 259.8 |
| 60°    | 250.2 | 250.2 | 253.1 | 254.1 | 253.1 | 250.2 | 250.2 | 247.3 | 244.8 | 242.6 | 241.9 |
| 62.5°  | 231.4 | 232.5 | 235.4 | 233.9 | 235.4 | 232.5 | 231.4 | 228.2 | 226.3 | 223.6 | 221.7 |
| 65°    | 204.0 | 206.9 | 206.5 | 207.9 | 206.5 | 206.9 | 204.0 | 202.2 | 198.2 | 195.7 | 193.5 |
| 67.5°  | 175.3 | 177.1 | 179.7 | 179.9 | 179.7 | 177.1 | 175.3 | 172.4 | 169.8 | 167.1 | 164.6 |
| 70°    | 156.0 | 157.8 | 159.2 | 160.2 | 159.2 | 157.8 | 156.0 | 153.1 | 150.1 | 148.4 | 145.4 |
| 72.5°  | 137.1 | 138.1 | 141.6 | 140.1 | 141.6 | 138.1 | 137.1 | 133.7 | 131.4 | 129.9 | 126.7 |
| 75°    | 107.5 | 110.1 | 112.3 | 111.2 | 112.3 | 110.1 | 107.5 | 105.1 | 103.2 | 101.0 | 98.2  |
| 77.5°  | 79.6  | 82.1  | 83.1  | 82.2  | 83.1  | 82.1  | 79.6  | 77.9  | 77.0  | 72.7  | 72.4  |
| 80°    | 62.8  | 62.5  | 64.7  | 64.3  | 64.7  | 62.5  | 62.8  | 60.3  | 58.4  | 56.0  | 56.0  |
| 82.5°  | 46.1  | 45.7  | 46.8  | 46.9  | 46.8  | 45.7  | 46.1  | 44.7  | 42.3  | 41.2  | 40.3  |
| 85°    | 22.3  | 23.5  | 22.1  | 21.7  | 22.1  | 23.5  | 22.3  | 20.9  | 20.9  | 20.9  | 20.5  |
| 87.5°  | 7.6   | 7.6   | 7.4   | 7.2   | 7.4   | 7.6   | 7.6   | 7.6   | 8.7   | 7.7   | 7.6   |
| 90°    | 12.2  | 12.3  | 12.5  | 12.7  | 12.5  | 12.3  | 12.2  | 12.0  | 11.7  | 11.3  | 10.9  |
| 92.5°  | 13.8  | 13.9  | 13.9  | 14.0  | 13.9  | 13.9  | 13.8  | 13.6  | 13.3  | 12.6  | 12.1  |
| 95°    | 16.1  | 16.1  | 16.1  | 16.1  | 16.1  | 16.1  | 16.1  | 16.1  | 15.7  | 15.1  | 14.4  |
| 97.5°  | 17.2  | 17.2  | 17.3  | 17.4  | 17.3  | 17.2  | 17.2  | 17.1  | 16.7  | 15.9  | 15.2  |
| 100°   | 17.5  | 17.6  | 17.7  | 17.8  | 17.7  | 17.6  | 17.5  | 17.4  | 17.0  | 16.2  | 15.5  |
| 102.5° | 17.6  | 17.8  | 17.9  | 18.1  | 17.9  | 17.8  | 17.6  | 17.4  | 18.6  | 20.8  | 23.2  |
| 105°   | 18.1  | 18.3  | 18.5  | 18.7  | 18.5  | 18.3  | 18.1  | 17.9  | 26.1  | 42.8  | 59.4  |
| 107.5° | 96.1  | 83.6  | 71.1  | 58.5  | 71.1  | 83.6  | 96.1  | 108.8 | 121.1 | 133.4 | 145.5 |
| 110°   | 156.8 | 143.4 | 129.9 | 116.5 | 129.9 | 143.4 | 156.8 | 170.3 | 178.5 | 181.6 | 184.7 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 208.3 | 205.5 | 202.6 | 199.8 | 202.6 | 205.5 | 208.3 | 211.1 | 212.5 | 212.4 | 212.4 |
| 115°   | 247.9 | 248.3 | 248.6 | 249.0 | 248.6 | 248.3 | 247.9 | 247.5 | 246.9 | 245.9 | 245.0 |
| 117.5° | 276.4 | 276.4 | 276.5 | 276.6 | 276.5 | 276.4 | 276.4 | 276.3 | 275.9 | 275.1 | 274.4 |
| 120°   | 295.6 | 295.6 | 295.6 | 295.6 | 295.6 | 295.6 | 295.6 | 295.6 | 295.2 | 294.5 | 293.7 |
| 122.5° | 314.0 | 314.1 | 314.1 | 314.2 | 314.1 | 314.1 | 314.0 | 313.9 | 313.6 | 313.1 | 312.5 |
| 125°   | 339.9 | 340.1 | 340.3 | 340.4 | 340.3 | 340.1 | 339.9 | 339.7 | 339.5 | 339.3 | 339.1 |
| 127.5° | 366.3 | 366.1 | 365.9 | 365.7 | 365.9 | 366.1 | 366.3 | 366.5 | 366.4 | 366.1 | 365.8 |
| 130°   | 382.5 | 382.3 | 382.1 | 381.9 | 382.1 | 382.3 | 382.5 | 382.7 | 382.6 | 382.2 | 381.8 |
| 132.5° | 397.7 | 397.4 | 397.1 | 396.9 | 397.1 | 397.4 | 397.7 | 397.9 | 397.8 | 397.5 | 397.1 |
| 135°   | 420.5 | 420.2 | 419.9 | 419.6 | 419.9 | 420.2 | 420.5 | 420.8 | 420.8 | 420.5 | 420.2 |
| 137.5° | 441.7 | 441.5 | 441.3 | 441.1 | 441.3 | 441.5 | 441.7 | 441.9 | 441.7 | 441.2 | 440.8 |
| 140°   | 454.5 | 454.3 | 454.1 | 453.9 | 454.1 | 454.3 | 454.5 | 454.7 | 454.6 | 454.2 | 453.8 |
| 142.5° | 466.6 | 466.4 | 466.1 | 465.8 | 466.1 | 466.4 | 466.6 | 466.8 | 466.8 | 466.6 | 466.3 |
| 145°   | 484.0 | 484.0 | 484.0 | 484.0 | 484.0 | 484.0 | 484.0 | 484.0 | 483.9 | 483.7 | 483.5 |
| 147.5° | 498.9 | 498.4 | 498.0 | 497.6 | 498.0 | 498.4 | 498.9 | 499.3 | 499.5 | 499.3 | 499.1 |
| 150°   | 508.6 | 508.3 | 508.0 | 507.7 | 508.0 | 508.3 | 508.6 | 508.9 | 508.9 | 508.7 | 508.5 |
| 152.5° | 517.2 | 516.7 | 516.3 | 515.9 | 516.3 | 516.7 | 517.2 | 517.6 | 517.6 | 517.3 | 517.0 |
| 155°   | 528.9 | 528.3 | 527.7 | 527.3 | 527.7 | 528.3 | 528.9 | 529.4 | 529.5 | 529.0 | 528.6 |
| 157.5° | 538.9 | 538.3 | 537.5 | 536.8 | 537.5 | 538.3 | 538.9 | 539.7 | 539.8 | 539.2 | 538.7 |
| 160°   | 544.9 | 544.2 | 543.6 | 542.9 | 543.6 | 544.2 | 544.9 | 545.5 | 545.5 | 545.0 | 544.4 |
| 162.5° | 550.4 | 549.8 | 549.2 | 548.7 | 549.2 | 549.8 | 550.4 | 551.0 | 550.9 | 550.4 | 549.7 |
| 165°   | 557.5 | 556.9 | 556.3 | 555.6 | 556.3 | 556.9 | 557.5 | 558.2 | 558.2 | 557.4 | 556.7 |
| 167.5° | 562.8 | 562.1 | 561.4 | 560.6 | 561.4 | 562.1 | 562.8 | 563.5 | 563.5 | 562.8 | 562.1 |
| 170°   | 565.9 | 565.1 | 564.4 | 563.6 | 564.4 | 565.1 | 565.9 | 566.7 | 566.7 | 565.9 | 565.1 |
| 172.5° | 567.8 | 566.9 | 566.2 | 565.3 | 566.2 | 566.9 | 567.8 | 568.6 | 568.6 | 567.9 | 567.1 |
| 175°   | 570.1 | 569.4 | 568.6 | 567.9 | 568.6 | 569.4 | 570.1 | 570.9 | 570.9 | 570.2 | 569.6 |
| 177.5° | 570.9 | 570.1 | 569.4 | 568.6 | 569.4 | 570.1 | 570.9 | 571.7 | 571.7 | 571.1 | 570.5 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5°   | 714.4 | 714.4 | 719.9 | 723.4 | 727.7 | 730.7 | 732.6 | 734.7 | 738.1 | 742.8 | 748.0 |
| 5°     | 673.6 | 675.0 | 683.0 | 691.0 | 698.5 | 705.0 | 710.4 | 716.9 | 724.9 | 734.6 | 745.5 |
| 7.5°   | 634.0 | 639.6 | 647.6 | 657.3 | 667.9 | 677.4 | 686.9 | 697.7 | 708.8 | 723.2 | 738.4 |
| 10°    | 608.6 | 614.7 | 624.5 | 636.8 | 648.0 | 659.1 | 671.1 | 682.6 | 696.7 | 713.7 | 733.2 |
| 12.5°  | 586.4 | 592.2 | 602.3 | 615.7 | 626.3 | 638.7 | 652.3 | 667.3 | 683.2 | 703.6 | 725.7 |
| 15°    | 555.5 | 562.4 | 574.7 | 581.2 | 597.5 | 612.3 | 624.9 | 646.5 | 666.8 | 687.7 | 713.3 |
| 17.5°  | 530.3 | 534.1 | 544.0 | 556.1 | 568.3 | 584.8 | 601.4 | 619.4 | 639.6 | 665.2 | 697.3 |
| 20°    | 512.9 | 516.2 | 527.1 | 539.7 | 552.7 | 567.9 | 582.7 | 600.7 | 623.4 | 650.5 | 685.1 |
| 22.5°  | 499.9 | 503.5 | 510.6 | 524.1 | 536.2 | 548.7 | 563.5 | 585.1 | 609.3 | 635.7 | 673.4 |
| 25°    | 481.2 | 483.3 | 488.0 | 498.9 | 509.7 | 523.8 | 536.8 | 557.0 | 581.9 | 612.9 | 650.5 |
| 27.5°  | 463.4 | 465.4 | 469.4 | 477.1 | 487.3 | 498.7 | 512.8 | 530.0 | 555.3 | 589.0 | 628.9 |
| 30°    | 452.7 | 453.1 | 456.7 | 463.8 | 472.5 | 481.9 | 494.9 | 514.4 | 538.2 | 572.5 | 614.4 |
| 32.5°  | 443.5 | 442.1 | 444.5 | 450.0 | 458.4 | 467.8 | 478.4 | 497.7 | 520.7 | 554.3 | 597.4 |
| 35°    | 427.7 | 427.1 | 425.9 | 430.6 | 437.9 | 445.1 | 454.5 | 468.9 | 494.9 | 526.3 | 571.5 |
| 37.5°  | 411.8 | 410.1 | 408.1 | 410.3 | 415.9 | 423.5 | 431.6 | 444.4 | 466.8 | 501.4 | 544.6 |
| 40°    | 400.0 | 398.5 | 397.5 | 396.7 | 401.8 | 409.0 | 415.1 | 427.4 | 448.4 | 481.2 | 523.8 |
| 42.5°  | 387.0 | 386.2 | 384.7 | 383.7 | 388.0 | 393.4 | 399.8 | 410.7 | 431.6 | 462.4 | 502.8 |
| 45°    | 366.1 | 365.3 | 364.6 | 363.9 | 366.4 | 371.5 | 376.5 | 384.5 | 402.5 | 432.4 | 468.9 |
| 47.5°  | 342.7 | 341.8 | 342.0 | 340.9 | 343.4 | 346.8 | 350.3 | 358.8 | 376.2 | 400.3 | 427.0 |
| 50°    | 325.9 | 325.6 | 325.6 | 325.6 | 326.3 | 330.3 | 333.6 | 340.1 | 355.9 | 380.1 | 399.3 |
| 52.5°  | 310.1 | 308.6 | 308.6 | 309.2 | 310.5 | 313.0 | 315.1 | 322.2 | 336.0 | 355.9 | 373.2 |
| 55°    | 285.2 | 282.3 | 281.5 | 282.3 | 283.4 | 285.5 | 287.7 | 293.5 | 305.4 | 320.2 | 330.3 |
| 57.5°  | 257.6 | 256.0 | 255.1 | 255.2 | 255.8 | 257.5 | 259.2 | 265.5 | 274.8 | 282.6 | 289.1 |
| 60°    | 238.3 | 238.9 | 235.7 | 236.5 | 236.5 | 237.9 | 240.4 | 244.4 | 252.3 | 257.8 | 264.3 |
| 62.5°  | 220.1 | 219.0 | 218.1 | 217.1 | 217.1 | 217.6 | 221.0 | 224.1 | 230.9 | 233.8 | 238.8 |
| 65°    | 191.7 | 191.7 | 189.5 | 190.2 | 190.6 | 188.0 | 189.9 | 193.5 | 197.8 | 198.9 | 203.6 |
| 67.5°  | 163.0 | 161.9 | 160.7 | 159.7 | 159.7 | 159.4 | 160.3 | 162.1 | 165.4 | 165.8 | 169.4 |
| 70°    | 143.3 | 142.6 | 142.2 | 141.2 | 139.7 | 141.5 | 140.4 | 142.2 | 144.0 | 144.4 | 146.6 |
| 72.5°  | 124.2 | 123.6 | 122.9 | 121.8 | 121.2 | 121.0 | 121.1 | 123.2 | 124.4 | 123.9 | 126.3 |
| 75°    | 97.1  | 96.4  | 95.7  | 93.9  | 93.9  | 92.7  | 93.1  | 94.5  | 96.0  | 94.9  | 97.1  |
| 77.5°  | 71.4  | 69.1  | 69.0  | 69.5  | 68.2  | 68.4  | 68.1  | 67.8  | 68.4  | 68.5  | 70.5  |
| 80°    | 54.9  | 52.3  | 53.1  | 52.7  | 52.3  | 52.0  | 51.3  | 51.7  | 52.0  | 52.3  | 53.4  |
| 82.5°  | 39.6  | 39.3  | 38.6  | 38.5  | 38.2  | 37.2  | 36.9  | 37.5  | 37.8  | 37.6  | 38.5  |
| 85°    | 20.2  | 19.1  | 19.9  | 19.5  | 19.9  | 19.5  | 18.4  | 18.4  | 19.1  | 18.8  | 19.5  |
| 87.5°  | 8.2   | 8.1   | 7.5   | 7.6   | 7.1   | 7.2   | 6.6   | 6.7   | 6.8   | 6.6   | 7.0   |
| 90°    | 10.6  | 10.2  | 9.0   | 7.7   | 6.5   | 5.3   | 4.1   | 3.2   | 2.3   | 1.3   | 0.4   |
| 92.5°  | 11.4  | 10.8  | 9.9   | 9.0   | 8.1   | 7.2   | 6.8   | 7.1   | 7.4   | 7.6   | 7.9   |
| 95°    | 13.8  | 13.1  | 12.1  | 11.0  | 10.0  | 9.0   | 10.4  | 14.2  | 18.1  | 22.0  | 25.8  |
| 97.5°  | 14.4  | 13.7  | 20.5  | 27.1  | 33.9  | 40.7  | 45.0  | 46.8  | 48.4  | 50.1  | 51.9  |
| 100°   | 14.7  | 13.9  | 28.7  | 43.4  | 58.1  | 72.7  | 79.1  | 77.2  | 75.3  | 73.4  | 71.5  |
| 102.5° | 25.5  | 27.9  | 43.9  | 59.9  | 76.0  | 92.0  | 99.3  | 98.0  | 96.6  | 95.3  | 93.9  |
| 105°   | 76.1  | 92.7  | 101.2 | 109.7 | 118.1 | 126.6 | 130.4 | 129.3 | 128.3 | 127.2 | 126.2 |
| 107.5° | 157.8 | 169.9 | 168.6 | 167.3 | 166.0 | 164.7 | 163.5 | 162.7 | 161.9 | 161.1 | 160.2 |
| 110°   | 187.8 | 191.0 | 189.9 | 188.9 | 187.8 | 186.8 | 186.0 | 185.2 | 184.5 | 183.7 | 182.9 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 212.4 | 212.4 | 211.3 | 210.3 | 209.2 | 208.2 | 207.4 | 206.6 | 205.9 | 205.3 | 204.6 |
| 115°   | 244.0 | 243.1 | 242.2 | 241.4 | 240.5 | 239.7 | 238.9 | 238.4 | 237.8 | 237.2 | 236.7 |
| 117.5° | 273.6 | 272.9 | 272.5 | 272.0 | 271.5 | 271.2 | 270.6 | 269.8 | 269.2 | 268.5 | 267.8 |
| 120°   | 292.9 | 292.2 | 291.9 | 291.6 | 291.3 | 291.1 | 290.5 | 289.6 | 288.8 | 287.9 | 287.1 |
| 122.5° | 312.0 | 311.5 | 311.1 | 310.8 | 310.5 | 310.1 | 309.5 | 308.9 | 308.1 | 307.5 | 306.8 |
| 125°   | 338.9 | 338.7 | 338.4 | 338.0 | 337.6 | 337.2 | 336.7 | 335.9 | 335.2 | 334.4 | 333.7 |
| 127.5° | 365.5 | 365.2 | 364.8 | 364.3 | 363.8 | 363.4 | 362.8 | 362.0 | 361.3 | 360.5 | 359.8 |
| 130°   | 381.4 | 381.1 | 380.8 | 380.4 | 380.0 | 379.7 | 379.1 | 378.3 | 377.6 | 376.8 | 376.1 |
| 132.5° | 396.7 | 396.3 | 396.1 | 395.8 | 395.5 | 395.1 | 394.6 | 393.9 | 393.1 | 392.4 | 391.6 |
| 135°   | 419.9 | 419.6 | 419.2 | 418.9 | 418.5 | 418.1 | 417.6 | 417.1 | 416.5 | 415.9 | 415.4 |
| 137.5° | 440.4 | 439.9 | 439.7 | 439.5 | 439.3 | 439.0 | 438.6 | 437.9 | 437.2 | 436.5 | 435.7 |
| 140°   | 453.5 | 453.1 | 452.8 | 452.5 | 452.2 | 451.9 | 451.6 | 451.0 | 450.4 | 449.9 | 449.3 |
| 142.5° | 465.9 | 465.6 | 465.3 | 465.1 | 464.8 | 464.5 | 464.1 | 463.5 | 463.0 | 462.4 | 461.8 |
| 145°   | 483.3 | 483.1 | 483.0 | 482.8 | 482.6 | 482.4 | 482.0 | 481.4 | 480.7 | 480.0 | 479.4 |
| 147.5° | 498.9 | 498.7 | 498.5 | 498.3 | 498.1 | 497.9 | 497.6 | 497.2 | 496.7 | 496.3 | 495.9 |
| 150°   | 508.3 | 508.1 | 507.9 | 507.7 | 507.6 | 507.4 | 507.2 | 506.9 | 506.6 | 506.3 | 506.1 |
| 152.5° | 516.6 | 516.3 | 516.1 | 516.0 | 515.9 | 515.9 | 515.8 | 515.6 | 515.5 | 515.3 | 515.2 |
| 155°   | 528.1 | 527.6 | 527.5 | 527.4 | 527.4 | 527.3 | 527.4 | 527.5 | 527.6 | 527.8 | 528.0 |
| 157.5° | 538.1 | 537.5 | 537.6 | 537.7 | 537.8 | 537.9 | 538.0 | 538.0 | 538.0 | 538.0 | 538.1 |
| 160°   | 543.8 | 543.3 | 543.4 | 543.5 | 543.6 | 543.7 | 543.8 | 543.8 | 543.9 | 544.0 | 544.1 |
| 162.5° | 549.0 | 548.4 | 548.5 | 548.6 | 548.7 | 548.7 | 548.9 | 549.2 | 549.4 | 549.7 | 549.9 |
| 165°   | 555.9 | 555.2 | 555.3 | 555.3 | 555.4 | 555.5 | 555.7 | 556.0 | 556.3 | 556.6 | 556.9 |
| 167.5° | 561.4 | 560.6 | 560.6 | 560.6 | 560.6 | 560.6 | 560.8 | 561.2 | 561.6 | 561.9 | 562.3 |
| 170°   | 564.4 | 563.6 | 563.6 | 563.6 | 563.6 | 563.6 | 563.8 | 564.2 | 564.6 | 565.0 | 565.3 |
| 172.5° | 566.4 | 565.6 | 565.6 | 565.5 | 565.4 | 565.3 | 565.5 | 566.0 | 566.5 | 566.9 | 567.3 |
| 175°   | 568.9 | 568.3 | 568.2 | 568.1 | 568.0 | 567.9 | 568.1 | 568.5 | 569.0 | 569.5 | 570.0 |
| 177.5° | 569.9 | 569.3 | 569.2 | 569.1 | 569.1 | 569.0 | 569.1 | 569.5 | 569.9 | 570.2 | 570.6 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  |
| 2.5°   | 749.7 | 751.1 | 756.0 | 759.5 | 763.6 | 765.9  | 768.2  | 770.0  | 772.2  | 772.8  | 781.2  |
| 5°     | 753.0 | 760.3 | 772.9 | 782.2 | 793.8 | 806.4  | 815.1  | 819.1  | 829.5  | 838.2  | 855.5  |
| 7.5°   | 752.1 | 767.4 | 786.6 | 806.3 | 827.6 | 847.2  | 864.2  | 884.4  | 898.8  | 920.4  | 941.7  |
| 10°    | 751.2 | 771.8 | 796.4 | 821.6 | 851.2 | 878.6  | 903.2  | 930.7  | 953.4  | 983.4  | 1009.0 |
| 12.5°  | 748.7 | 773.5 | 807.6 | 837.4 | 873.5 | 911.3  | 947.6  | 982.9  | 1003.1 | 1052.9 | 1076.6 |
| 15°    | 742.2 | 771.8 | 814.4 | 859.9 | 909.4 | 954.1  | 1000.3 | 1037.1 | 1096.6 | 1140.4 | 1168.2 |
| 17.5°  | 729.9 | 771.4 | 821.9 | 876.8 | 936.9 | 995.9  | 1048.2 | 1104.1 | 1167.3 | 1220.1 | 1276.5 |
| 20°    | 724.2 | 769.6 | 826.0 | 886.6 | 949.0 | 1015.8 | 1075.3 | 1142.6 | 1211.4 | 1263.5 | 1335.7 |
| 22.5°  | 713.5 | 765.0 | 825.7 | 893.2 | 960.0 | 1029.1 | 1098.8 | 1166.5 | 1246.1 | 1317.8 | 1386.5 |
| 25°    | 696.0 | 753.8 | 816.5 | 892.0 | 970.3 | 1039.6 | 1123.0 | 1213.0 | 1296.0 | 1388.0 | 1456.6 |
| 27.5°  | 677.7 | 739.3 | 802.3 | 872.4 | 956.7 | 1039.0 | 1143.9 | 1245.4 | 1346.9 | 1426.4 | 1477.2 |
| 30°    | 663.5 | 723.4 | 788.4 | 859.1 | 942.5 | 1040.4 | 1157.7 | 1268.5 | 1367.4 | 1435.7 | 1464.1 |
| 32.5°  | 648.2 | 709.0 | 766.5 | 840.7 | 929.5 | 1039.5 | 1166.4 | 1282.0 | 1368.6 | 1414.0 | 1408.4 |
| 35°    | 624.2 | 675.0 | 731.0 | 802.5 | 907.2 | 1033.1 | 1171.4 | 1283.3 | 1336.3 | 1326.6 | 1253.0 |
| 37.5°  | 589.5 | 632.4 | 687.4 | 765.6 | 881.2 | 1019.8 | 1161.3 | 1245.3 | 1241.8 | 1162.4 | 1055.7 |
| 40°    | 567.9 | 604.3 | 657.3 | 739.7 | 860.9 | 1011.2 | 1145.4 | 1200.0 | 1153.8 | 1042.9 | 915.1  |
| 42.5°  | 539.5 | 573.1 | 626.1 | 710.8 | 838.8 | 993.5  | 1115.1 | 1130.9 | 1040.5 | 912.9  | 795.9  |
| 45°    | 495.7 | 525.3 | 580.1 | 667.5 | 805.4 | 955.2  | 1041.1 | 1002.5 | 880.8  | 749.0  | 659.9  |
| 47.5°  | 448.5 | 479.3 | 532.1 | 621.8 | 757.1 | 897.5  | 938.4  | 856.3  | 731.3  | 624.5  | 542.6  |
| 50°    | 418.8 | 448.4 | 499.9 | 590.6 | 724.5 | 850.2  | 867.1  | 761.0  | 646.2  | 552.3  | 485.1  |
| 52.5°  | 388.7 | 416.6 | 467.3 | 558.3 | 686.4 | 795.2  | 784.8  | 676.7  | 571.1  | 491.1  | 438.4  |
| 55°    | 344.0 | 370.4 | 418.8 | 504.0 | 620.6 | 706.8  | 668.9  | 565.7  | 478.3  | 416.2  | 376.2  |
| 57.5°  | 304.1 | 329.3 | 371.0 | 448.0 | 549.3 | 608.6  | 560.4  | 473.4  | 404.0  | 356.2  | 326.3  |
| 60°    | 276.9 | 299.3 | 338.9 | 410.5 | 498.5 | 543.7  | 496.0  | 419.1  | 360.6  | 322.3  | 295.7  |
| 62.5°  | 251.2 | 270.7 | 307.5 | 372.3 | 448.8 | 486.7  | 438.6  | 373.4  | 323.7  | 289.7  | 267.0  |
| 65°    | 212.3 | 230.0 | 262.4 | 313.0 | 375.8 | 401.1  | 359.6  | 306.8  | 268.2  | 243.0  | 227.8  |
| 67.5°  | 176.7 | 191.7 | 219.8 | 259.6 | 305.9 | 324.2  | 292.7  | 251.8  | 222.7  | 202.5  | 190.4  |
| 70°    | 153.1 | 166.1 | 188.0 | 222.3 | 264.3 | 278.3  | 248.7  | 215.2  | 193.9  | 177.6  | 166.5  |
| 72.5°  | 133.1 | 142.7 | 162.7 | 189.2 | 224.1 | 235.3  | 214.6  | 185.1  | 165.2  | 153.1  | 144.2  |
| 75°    | 101.4 | 109.3 | 122.3 | 143.6 | 167.9 | 174.4  | 158.8  | 140.4  | 127.1  | 118.4  | 111.5  |
| 77.5°  | 73.1  | 79.0  | 88.4  | 101.5 | 118.3 | 124.1  | 114.3  | 102.0  | 92.3   | 86.4   | 82.6   |
| 80°    | 55.2  | 59.9  | 67.9  | 78.7  | 88.8  | 92.1   | 86.2   | 76.9   | 70.0   | 66.8   | 63.5   |
| 82.5°  | 40.8  | 43.5  | 48.3  | 55.6  | 62.5  | 66.4   | 61.5   | 55.8   | 52.1   | 49.2   | 48.0   |
| 85°    | 20.5  | 22.1  | 24.2  | 27.1  | 31.4  | 32.9   | 31.0   | 29.6   | 27.4   | 25.6   | 25.6   |
| 87.5°  | 7.8   | 8.0   | 9.0   | 9.8   | 11.1  | 12.3   | 12.3   | 11.9   | 11.9   | 11.6   | 11.4   |
| 90°    | 1.3   | 2.3   | 3.2   | 4.1   | 5.3   | 6.5    | 7.7    | 9.0    | 10.2   | 10.6   | 10.9   |
| 92.5°  | 7.6   | 7.4   | 7.1   | 6.8   | 7.2   | 8.1    | 9.0    | 9.9    | 10.8   | 11.4   | 12.1   |
| 95°    | 22.0  | 18.1  | 14.2  | 10.4  | 9.0   | 10.0   | 11.0   | 12.1   | 13.1   | 13.8   | 14.4   |
| 97.5°  | 50.1  | 48.4  | 46.8  | 45.0  | 40.7  | 33.9   | 27.1   | 20.5   | 13.7   | 14.4   | 15.2   |
| 100°   | 73.4  | 75.3  | 77.2  | 79.1  | 72.7  | 58.1   | 43.4   | 28.7   | 13.9   | 14.7   | 15.5   |
| 102.5° | 95.3  | 96.6  | 98.0  | 99.3  | 92.0  | 76.0   | 59.9   | 43.9   | 27.9   | 25.5   | 23.2   |
| 105°   | 127.2 | 128.3 | 129.3 | 130.4 | 126.6 | 118.1  | 109.7  | 101.2  | 92.7   | 76.1   | 59.4   |
| 107.5° | 161.1 | 161.9 | 162.7 | 163.5 | 164.7 | 166.0  | 167.3  | 168.6  | 169.9  | 157.8  | 145.5  |
| 110°   | 183.7 | 184.5 | 185.2 | 186.0 | 186.8 | 187.8  | 188.9  | 189.9  | 191.0  | 187.8  | 184.7  |





TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 205.3 | 205.9 | 206.6 | 207.4 | 208.2 | 209.2 | 210.3 | 211.3 | 212.4 | 212.4 | 212.4 |
| 115°   | 237.2 | 237.8 | 238.4 | 238.9 | 239.7 | 240.5 | 241.4 | 242.2 | 243.1 | 244.0 | 245.0 |
| 117.5° | 268.5 | 269.2 | 269.8 | 270.6 | 271.2 | 271.5 | 272.0 | 272.5 | 272.9 | 273.6 | 274.4 |
| 120°   | 287.9 | 288.8 | 289.6 | 290.5 | 291.1 | 291.3 | 291.6 | 291.9 | 292.2 | 292.9 | 293.7 |
| 122.5° | 307.5 | 308.1 | 308.9 | 309.5 | 310.1 | 310.5 | 310.8 | 311.1 | 311.5 | 312.0 | 312.5 |
| 125°   | 334.4 | 335.2 | 335.9 | 336.7 | 337.2 | 337.6 | 338.0 | 338.4 | 338.7 | 338.9 | 339.1 |
| 127.5° | 360.5 | 361.3 | 362.0 | 362.8 | 363.4 | 363.8 | 364.3 | 364.8 | 365.2 | 365.5 | 365.8 |
| 130°   | 376.8 | 377.6 | 378.3 | 379.1 | 379.7 | 380.0 | 380.4 | 380.8 | 381.1 | 381.4 | 381.8 |
| 132.5° | 392.4 | 393.1 | 393.9 | 394.6 | 395.1 | 395.5 | 395.8 | 396.1 | 396.3 | 396.7 | 397.1 |
| 135°   | 415.9 | 416.5 | 417.1 | 417.6 | 418.1 | 418.5 | 418.9 | 419.2 | 419.6 | 419.9 | 420.2 |
| 137.5° | 436.5 | 437.2 | 437.9 | 438.6 | 439.0 | 439.3 | 439.5 | 439.7 | 439.9 | 440.4 | 440.8 |
| 140°   | 449.9 | 450.4 | 451.0 | 451.6 | 451.9 | 452.2 | 452.5 | 452.8 | 453.1 | 453.5 | 453.8 |
| 142.5° | 462.4 | 463.0 | 463.5 | 464.1 | 464.5 | 464.8 | 465.1 | 465.3 | 465.6 | 465.9 | 466.3 |
| 145°   | 480.0 | 480.7 | 481.4 | 482.0 | 482.4 | 482.6 | 482.8 | 483.0 | 483.1 | 483.3 | 483.5 |
| 147.5° | 496.3 | 496.7 | 497.2 | 497.6 | 497.9 | 498.1 | 498.3 | 498.5 | 498.7 | 498.9 | 499.1 |
| 150°   | 506.3 | 506.6 | 506.9 | 507.2 | 507.4 | 507.6 | 507.7 | 507.9 | 508.1 | 508.3 | 508.5 |
| 152.5° | 515.3 | 515.5 | 515.6 | 515.8 | 515.9 | 515.9 | 516.0 | 516.1 | 516.3 | 516.6 | 517.0 |
| 155°   | 527.8 | 527.6 | 527.5 | 527.4 | 527.3 | 527.4 | 527.4 | 527.5 | 527.6 | 528.1 | 528.6 |
| 157.5° | 538.0 | 538.0 | 538.0 | 538.0 | 537.9 | 537.8 | 537.7 | 537.6 | 537.5 | 538.1 | 538.7 |
| 160°   | 544.0 | 543.9 | 543.8 | 543.8 | 543.7 | 543.6 | 543.5 | 543.4 | 543.3 | 543.8 | 544.4 |
| 162.5° | 549.7 | 549.4 | 549.2 | 548.9 | 548.7 | 548.7 | 548.6 | 548.5 | 548.4 | 549.0 | 549.7 |
| 165°   | 556.6 | 556.3 | 556.0 | 555.7 | 555.5 | 555.4 | 555.3 | 555.3 | 555.2 | 555.9 | 556.7 |
| 167.5° | 561.9 | 561.6 | 561.2 | 560.8 | 560.6 | 560.6 | 560.6 | 560.6 | 560.6 | 561.4 | 562.1 |
| 170°   | 565.0 | 564.6 | 564.2 | 563.8 | 563.6 | 563.6 | 563.6 | 563.6 | 563.6 | 564.4 | 565.1 |
| 172.5° | 566.9 | 566.5 | 566.0 | 565.5 | 565.3 | 565.4 | 565.5 | 565.6 | 565.6 | 566.4 | 567.1 |
| 175°   | 569.5 | 569.0 | 568.5 | 568.1 | 567.9 | 568.0 | 568.1 | 568.2 | 568.3 | 568.9 | 569.6 |
| 177.5° | 570.2 | 569.9 | 569.5 | 569.1 | 569.0 | 569.1 | 569.1 | 569.2 | 569.3 | 569.9 | 570.5 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  | 745.1  |
| 2.5°   | 784.1  | 784.4  | 787.5  | 789.9  | 788.7  | 790.1  | 790.7  |
| 5°     | 856.6  | 869.6  | 876.5  | 881.6  | 881.9  | 882.2  | 885.1  |
| 7.5°   | 959.5  | 973.5  | 983.6  | 999.1  | 1003.7 | 1009.0 | 1007.5 |
| 10°    | 1034.6 | 1055.2 | 1072.9 | 1082.2 | 1092.3 | 1107.1 | 1095.2 |
| 12.5°  | 1104.8 | 1141.2 | 1168.2 | 1182.7 | 1192.3 | 1195.2 | 1189.4 |
| 15°    | 1220.5 | 1268.2 | 1293.8 | 1293.1 | 1325.6 | 1339.6 | 1317.6 |
| 17.5°  | 1326.6 | 1370.6 | 1405.8 | 1423.9 | 1451.0 | 1457.0 | 1454.2 |
| 20°    | 1391.6 | 1439.6 | 1467.1 | 1498.1 | 1512.2 | 1524.8 | 1527.0 |
| 22.5°  | 1447.7 | 1490.7 | 1520.2 | 1546.1 | 1557.8 | 1563.8 | 1567.4 |
| 25°    | 1505.3 | 1539.3 | 1557.0 | 1565.9 | 1569.2 | 1568.5 | 1563.8 |
| 27.5°  | 1501.4 | 1503.9 | 1484.5 | 1465.4 | 1448.2 | 1428.9 | 1422.3 |
| 30°    | 1462.4 | 1432.0 | 1377.9 | 1347.2 | 1302.1 | 1266.3 | 1280.8 |
| 32.5°  | 1359.8 | 1299.5 | 1238.7 | 1171.6 | 1116.1 | 1100.3 | 1084.4 |
| 35°    | 1160.6 | 1054.4 | 992.4  | 920.2  | 891.3  | 862.4  | 842.5  |
| 37.5°  | 939.0  | 856.9  | 783.2  | 735.9  | 707.0  | 688.8  | 678.9  |
| 40°    | 811.9  | 737.8  | 677.2  | 638.9  | 616.9  | 596.3  | 593.4  |
| 42.5°  | 710.5  | 641.7  | 596.1  | 565.6  | 544.4  | 535.7  | 529.3  |
| 45°    | 581.9  | 533.9  | 503.2  | 481.5  | 467.5  | 462.0  | 454.9  |
| 47.5°  | 492.6  | 458.6  | 435.5  | 420.8  | 410.2  | 406.1  | 405.6  |
| 50°    | 442.6  | 414.4  | 397.5  | 385.9  | 377.6  | 376.2  | 370.4  |
| 52.5°  | 405.0  | 380.6  | 367.4  | 357.3  | 351.3  | 347.2  | 345.5  |
| 55°    | 351.6  | 335.4  | 323.5  | 317.6  | 313.0  | 309.0  | 309.0  |
| 57.5°  | 307.6  | 294.1  | 286.2  | 281.3  | 279.8  | 277.0  | 275.2  |
| 60°    | 280.5  | 268.9  | 262.8  | 258.4  | 255.6  | 255.9  | 252.7  |
| 62.5°  | 253.9  | 246.4  | 240.5  | 236.2  | 232.8  | 232.8  | 233.1  |
| 65°    | 216.2  | 210.5  | 206.1  | 204.7  | 202.6  | 200.0  | 200.7  |
| 67.5°  | 183.2  | 177.9  | 174.5  | 172.0  | 171.3  | 169.8  | 172.0  |
| 70°    | 159.6  | 155.6  | 153.1  | 150.9  | 150.1  | 150.5  | 152.3  |
| 72.5°  | 137.9  | 135.1  | 133.5  | 132.4  | 130.8  | 130.9  | 132.1  |
| 75°    | 108.3  | 106.1  | 104.7  | 103.6  | 103.2  | 103.2  | 103.2  |
| 77.5°  | 79.6   | 79.1   | 78.4   | 76.8   | 76.9   | 77.3   | 77.4   |
| 80°    | 62.8   | 61.7   | 61.4   | 60.6   | 59.6   | 58.8   | 60.6   |
| 82.5°  | 46.9   | 45.8   | 45.5   | 45.3   | 43.6   | 43.5   | 45.1   |
| 85°    | 25.3   | 24.2   | 24.5   | 24.2   | 24.2   | 23.8   | 23.8   |
| 87.5°  | 11.2   | 11.0   | 10.7   | 11.1   | 10.8   | 10.6   | 11.2   |
| 90°    | 11.3   | 11.7   | 12.0   | 12.2   | 12.3   | 12.5   | 12.7   |
| 92.5°  | 12.6   | 13.3   | 13.6   | 13.8   | 13.9   | 13.9   | 14.0   |
| 95°    | 15.1   | 15.7   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   |
| 97.5°  | 15.9   | 16.7   | 17.1   | 17.2   | 17.2   | 17.3   | 17.4   |
| 100°   | 16.2   | 17.0   | 17.4   | 17.5   | 17.6   | 17.7   | 17.8   |
| 102.5° | 20.8   | 18.6   | 17.4   | 17.6   | 17.8   | 17.9   | 18.1   |
| 105°   | 42.8   | 26.1   | 17.9   | 18.1   | 18.3   | 18.5   | 18.7   |
| 107.5° | 133.4  | 121.1  | 108.8  | 96.1   | 83.6   | 71.1   | 58.5   |
| 110°   | 181.6  | 178.5  | 170.3  | 156.8  | 143.4  | 129.9  | 116.5  |



TEST NUMBER: P332120-830

CATALOG NUMBER: S123DIW-S560D460U830-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 212.4 | 212.5 | 211.1 | 208.3 | 205.5 | 202.6 | 199.8 |
| 115°   | 245.9 | 246.9 | 247.5 | 247.9 | 248.3 | 248.6 | 249.0 |
| 117.5° | 275.1 | 275.9 | 276.3 | 276.4 | 276.4 | 276.5 | 276.6 |
| 120°   | 294.5 | 295.2 | 295.6 | 295.6 | 295.6 | 295.6 | 295.6 |
| 122.5° | 313.1 | 313.6 | 313.9 | 314.0 | 314.1 | 314.1 | 314.2 |
| 125°   | 339.3 | 339.5 | 339.7 | 339.9 | 340.1 | 340.3 | 340.4 |
| 127.5° | 366.1 | 366.4 | 366.5 | 366.3 | 366.1 | 365.9 | 365.7 |
| 130°   | 382.2 | 382.6 | 382.7 | 382.5 | 382.3 | 382.1 | 381.9 |
| 132.5° | 397.5 | 397.8 | 397.9 | 397.7 | 397.4 | 397.1 | 396.9 |
| 135°   | 420.5 | 420.8 | 420.8 | 420.5 | 420.2 | 419.9 | 419.6 |
| 137.5° | 441.2 | 441.7 | 441.9 | 441.7 | 441.5 | 441.3 | 441.1 |
| 140°   | 454.2 | 454.6 | 454.7 | 454.5 | 454.3 | 454.1 | 453.9 |
| 142.5° | 466.6 | 466.8 | 466.8 | 466.6 | 466.4 | 466.1 | 465.8 |
| 145°   | 483.7 | 483.9 | 484.0 | 484.0 | 484.0 | 484.0 | 484.0 |
| 147.5° | 499.3 | 499.5 | 499.3 | 498.9 | 498.4 | 498.0 | 497.6 |
| 150°   | 508.7 | 508.9 | 508.9 | 508.6 | 508.3 | 508.0 | 507.7 |
| 152.5° | 517.3 | 517.6 | 517.6 | 517.2 | 516.7 | 516.3 | 515.9 |
| 155°   | 529.0 | 529.5 | 529.4 | 528.9 | 528.3 | 527.7 | 527.3 |
| 157.5° | 539.2 | 539.8 | 539.7 | 538.9 | 538.3 | 537.5 | 536.8 |
| 160°   | 545.0 | 545.5 | 545.5 | 544.9 | 544.2 | 543.6 | 542.9 |
| 162.5° | 550.4 | 550.9 | 551.0 | 550.4 | 549.8 | 549.2 | 548.7 |
| 165°   | 557.4 | 558.2 | 558.2 | 557.5 | 556.9 | 556.3 | 555.6 |
| 167.5° | 562.8 | 563.5 | 563.5 | 562.8 | 562.1 | 561.4 | 560.6 |
| 170°   | 565.9 | 566.7 | 566.7 | 565.9 | 565.1 | 564.4 | 563.6 |
| 172.5° | 567.9 | 568.6 | 568.6 | 567.8 | 566.9 | 566.2 | 565.3 |
| 175°   | 570.2 | 570.9 | 570.9 | 570.1 | 569.4 | 568.6 | 567.9 |
| 177.5° | 571.1 | 571.7 | 571.7 | 570.9 | 570.1 | 569.4 | 568.6 |
| 180°   | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 | 570.0 |

(END OF REPORT)