

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: P331910-940

Luminaire Tested: **S123DIP-S560D365U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331910-940
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: S123DIP-S560D365U940-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3422.1 lumens
Efficiency: N/A
Efficacy: 124.4 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: Semi-Direct

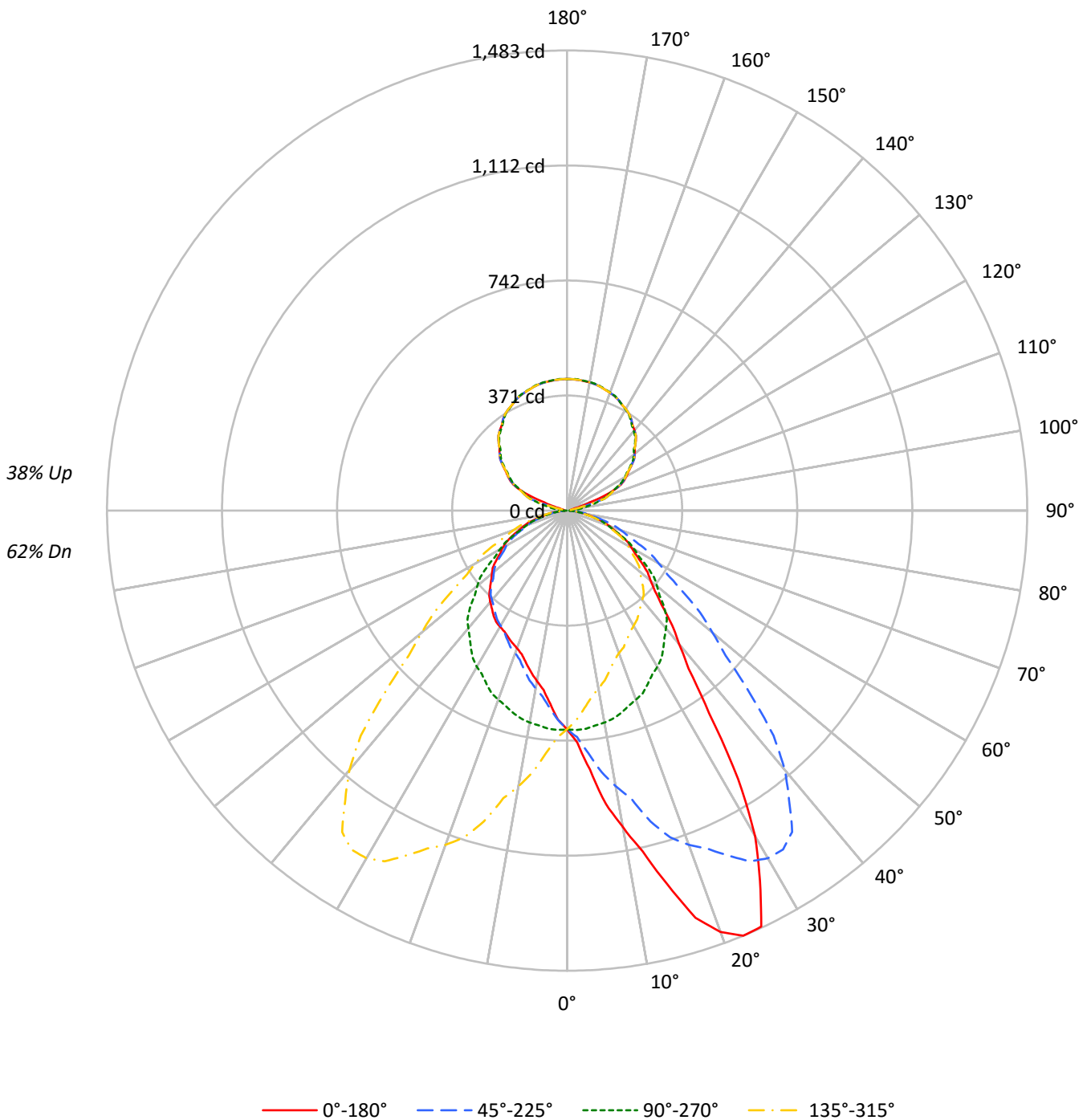
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|--|--|----|--|--|--|--|--|--|--|--|----|---|
| RF | 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 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 67 | 67 | 67 | 62 | | | | | | | | | | | | | | | | | | | | |
| 1 | 101 | 97 | 93 | 89 | 94 | 91 | 87 | 84 | 80 | 77 | 75 | 69 | 68 | 66 | 60 | 59 | 58 | 53 | | | | | | | | | | | | | | | | | | | | |
| 2 | 92 | 85 | 79 | 74 | 86 | 80 | 74 | 70 | 70 | 66 | 62 | 61 | 58 | 56 | 53 | 51 | 49 | 45 | | | | | | | | | | | | | | | | | | | | |
| 3 | 84 | 75 | 67 | 62 | 79 | 70 | 64 | 59 | 62 | 57 | 53 | 55 | 51 | 47 | 47 | 45 | 42 | 38 | | | | | | | | | | | | | | | | | | | | |
| 4 | 77 | 66 | 58 | 52 | 72 | 63 | 56 | 50 | 55 | 50 | 45 | 49 | 44 | 41 | 43 | 39 | 36 | 33 | | | | | | | | | | | | | | | | | | | | |
| 5 | 71 | 59 | 51 | 45 | 66 | 56 | 49 | 43 | 50 | 44 | 39 | 44 | 39 | 36 | 38 | 35 | 32 | 29 | | | | | | | | | | | | | | | | | | | | |
| 6 | 66 | 53 | 45 | 39 | 61 | 50 | 43 | 38 | 45 | 39 | 34 | 40 | 35 | 31 | 35 | 31 | 28 | 26 | | | | | | | | | | | | | | | | | | | | |
| 7 | 61 | 48 | 40 | 35 | 57 | 46 | 38 | 33 | 41 | 35 | 30 | 36 | 31 | 28 | 32 | 28 | 25 | 23 | | | | | | | | | | | | | | | | | | | | |
| 8 | 56 | 44 | 36 | 31 | 53 | 42 | 34 | 30 | 37 | 31 | 27 | 33 | 28 | 25 | 29 | 25 | 23 | 20 | | | | | | | | | | | | | | | | | | | | |
| 9 | 53 | 40 | 33 | 27 | 49 | 38 | 31 | 26 | 34 | 28 | 24 | 31 | 26 | 22 | 27 | 23 | 20 | 18 | | | | | | | | | | | | | | | | | | | | |
| 10 | 49 | 37 | 30 | 25 | 46 | 35 | 28 | 24 | 32 | 26 | 22 | 28 | 24 | 20 | 25 | 21 | 18 | 17 | | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7587 | 7587 | 7587 | 7587 |
| 5° | 9048 | 7621 | 6753 | 7621 |
| 10° | 11326 | 7582 | 6099 | 7582 |
| 15° | 13891 | 7520 | 5678 | 7520 |
| 20° | 16549 | 7425 | 5407 | 7425 |
| 25° | 17570 | 7310 | 5346 | 7310 |
| 30° | 15060 | 7225 | 5374 | 7225 |
| 35° | 10474 | 7104 | 5430 | 7104 |
| 40° | 7888 | 6962 | 5413 | 6962 |
| 45° | 6550 | 6753 | 5345 | 6753 |
| 50° | 5868 | 6325 | 5297 | 6325 |
| 55° | 5485 | 5864 | 5230 | 5864 |
| 60° | 5147 | 5382 | 5175 | 5382 |
| 65° | 4834 | 4905 | 5010 | 4905 |
| 70° | 4535 | 4365 | 4771 | 4365 |
| 75° | 4059 | 3818 | 4375 | 3818 |
| 80° | 3552 | 3137 | 3769 | 3137 |
| 85° | 2791 | 2285 | 2532 | 2285 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.4 | 2.0 |
| 10°-20° | 222.7 | 6.5 |
| 20°-30° | 373.7 | 10.9 |
| 30°-40° | 423.1 | 12.4 |
| 40°-50° | 379.5 | 11.1 |
| 50°-60° | 306.2 | 8.9 |
| 60°-70° | 213.4 | 6.2 |
| 70°-80° | 112.2 | 3.3 |
| 80°-90° | 28.6 | 0.8 |
| 90°-100° | 15.4 | 0.5 |
| 100°-110° | 73.5 | 2.1 |
| 110°-120° | 176.5 | 5.2 |
| 120°-130° | 224.8 | 6.6 |
| 130°-140° | 240.2 | 7.0 |
| 140°-150° | 224.6 | 6.6 |
| 150°-160° | 181.2 | 5.3 |
| 160°-170° | 116.9 | 3.4 |
| 170°-180° | 40.3 | 1.2 |
| 0°-30° | 665.8 | 19.5 |
| 0°-40° | 1088.9 | 31.8 |
| 0°-60° | 1774.6 | 51.9 |
| 0°-90° | 2128.7 | 62.2 |
| 90°-120° | 265.4 | 7.8 |
| 90°-150° | 955.0 | 27.9 |
| 90°-180° | 1293.0 | 37.8 |
| 0°-180° | 3422.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 705 | 705 | 705 | 705 | 705 | |
| 5° | 837 | 705 | 625 | 705 | 837 | 87 |
| 15° | 1246 | 675 | 510 | 675 | 1246 | 360 |
| 25° | 1479 | 616 | 450 | 616 | 1479 | 649 |
| 35° | 797 | 541 | 413 | 541 | 797 | 518 |
| 45° | 430 | 444 | 351 | 444 | 430 | 340 |
| 55° | 292 | 312 | 279 | 312 | 292 | 262 |
| 65° | 190 | 193 | 197 | 193 | 190 | 189 |
| 75° | 98 | 92 | 105 | 92 | 98 | 105 |
| 85° | 23 | 18 | 20 | 18 | 23 | 27 |
| 90° | 10 | 0 | 10 | 0 | 10 | 5 |
| 95° | 12 | 19 | 12 | 19 | 12 | 10 |
| 105° | 14 | 94 | 14 | 94 | 14 | 32 |
| 115° | 185 | 176 | 185 | 176 | 185 | 171 |
| 125° | 253 | 248 | 253 | 248 | 253 | 226 |
| 135° | 312 | 309 | 312 | 309 | 312 | 241 |
| 145° | 360 | 357 | 360 | 357 | 360 | 225 |
| 155° | 392 | 393 | 392 | 393 | 392 | 181 |
| 165° | 413 | 414 | 413 | 414 | 413 | 117 |
| 175° | 423 | 424 | 423 | 424 | 423 | 40 |
| 180° | 424 | 424 | 424 | 424 | 424 | |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 748.1 | 747.5 | 746.2 | 747.3 | 745.0 | 742.1 | 741.8 | 739.0 | 731.1 | 730.6 | 728.4 |
| 5° | 837.4 | 834.6 | 834.4 | 834.0 | 829.2 | 822.7 | 810.4 | 809.4 | 793.0 | 784.8 | 774.9 |
| 7.5° | 953.1 | 954.6 | 949.6 | 945.2 | 930.6 | 921.0 | 907.8 | 890.9 | 870.8 | 850.3 | 836.7 |
| 10° | 1036.2 | 1047.4 | 1033.4 | 1023.9 | 1015.0 | 998.3 | 978.8 | 954.6 | 930.3 | 902.0 | 880.5 |
| 12.5° | 1125.2 | 1130.8 | 1128.0 | 1118.9 | 1105.2 | 1079.7 | 1045.2 | 1018.5 | 996.1 | 949.0 | 929.9 |
| 15° | 1246.5 | 1267.4 | 1254.1 | 1223.3 | 1224.1 | 1199.8 | 1154.7 | 1105.2 | 1078.9 | 1037.5 | 981.1 |
| 17.5° | 1375.8 | 1378.4 | 1372.7 | 1347.1 | 1330.0 | 1296.7 | 1255.1 | 1207.6 | 1154.3 | 1104.4 | 1044.6 |
| 20° | 1444.7 | 1442.6 | 1430.7 | 1417.3 | 1387.9 | 1362.0 | 1316.5 | 1263.6 | 1195.3 | 1146.1 | 1080.9 |
| 22.5° | 1482.9 | 1479.4 | 1473.8 | 1462.7 | 1438.2 | 1410.3 | 1369.6 | 1311.7 | 1246.7 | 1178.9 | 1103.6 |
| 25° | 1479.4 | 1483.9 | 1484.6 | 1481.5 | 1473.0 | 1456.3 | 1424.2 | 1378.0 | 1313.1 | 1226.1 | 1147.5 |
| 27.5° | 1345.6 | 1351.8 | 1370.1 | 1386.3 | 1404.4 | 1422.8 | 1420.4 | 1397.5 | 1349.5 | 1274.3 | 1178.2 |
| 30° | 1211.7 | 1198.0 | 1231.9 | 1274.5 | 1303.6 | 1354.8 | 1383.5 | 1385.2 | 1358.3 | 1293.7 | 1200.1 |
| 32.5° | 1025.9 | 1041.0 | 1055.9 | 1108.4 | 1171.9 | 1229.4 | 1286.5 | 1332.5 | 1337.7 | 1294.8 | 1212.9 |
| 35° | 797.1 | 815.9 | 843.2 | 870.6 | 938.9 | 997.6 | 1098.0 | 1185.4 | 1255.1 | 1264.3 | 1214.1 |
| 37.5° | 642.3 | 651.7 | 668.9 | 696.2 | 740.9 | 810.7 | 888.3 | 998.8 | 1099.7 | 1174.8 | 1178.1 |
| 40° | 561.4 | 564.2 | 583.6 | 604.5 | 640.7 | 698.0 | 768.1 | 865.8 | 986.7 | 1091.5 | 1135.2 |
| 42.5° | 500.8 | 506.8 | 515.1 | 535.1 | 563.9 | 607.1 | 672.2 | 753.0 | 863.7 | 984.4 | 1069.9 |
| 45° | 430.3 | 437.1 | 442.3 | 455.6 | 476.1 | 505.1 | 550.5 | 624.3 | 708.6 | 833.3 | 948.4 |
| 47.5° | 383.7 | 384.2 | 388.1 | 398.1 | 412.1 | 433.9 | 466.0 | 513.4 | 590.8 | 691.9 | 810.1 |
| 50° | 350.4 | 355.9 | 357.2 | 365.1 | 376.0 | 392.1 | 418.7 | 459.0 | 522.5 | 611.4 | 720.0 |
| 52.5° | 326.9 | 328.5 | 332.3 | 338.0 | 347.6 | 360.1 | 383.2 | 414.7 | 464.6 | 540.3 | 640.2 |
| 55° | 292.3 | 292.3 | 296.1 | 300.5 | 306.0 | 317.3 | 332.6 | 355.9 | 393.8 | 452.5 | 535.2 |
| 57.5° | 260.4 | 262.1 | 264.7 | 266.1 | 270.7 | 278.2 | 291.1 | 308.7 | 337.0 | 382.2 | 447.9 |
| 60° | 239.1 | 242.1 | 241.8 | 244.5 | 248.6 | 254.4 | 265.4 | 279.7 | 305.0 | 341.2 | 396.5 |
| 62.5° | 220.5 | 220.3 | 220.3 | 223.5 | 227.6 | 233.1 | 240.2 | 252.6 | 274.1 | 306.2 | 353.3 |
| 65° | 189.8 | 189.2 | 191.6 | 193.7 | 195.0 | 199.1 | 204.6 | 215.5 | 229.9 | 253.8 | 290.3 |
| 67.5° | 162.7 | 160.7 | 162.0 | 162.7 | 165.1 | 168.3 | 173.3 | 180.1 | 191.5 | 210.7 | 238.3 |
| 70° | 144.1 | 142.4 | 142.0 | 142.8 | 144.8 | 147.2 | 151.0 | 157.5 | 168.0 | 183.4 | 203.6 |
| 72.5° | 125.0 | 123.9 | 123.8 | 125.3 | 126.3 | 127.8 | 130.5 | 136.4 | 144.8 | 156.3 | 175.1 |
| 75° | 97.6 | 97.6 | 97.6 | 98.0 | 99.1 | 100.4 | 102.5 | 105.5 | 112.0 | 120.2 | 132.9 |
| 77.5° | 73.2 | 73.1 | 72.8 | 72.7 | 74.2 | 74.8 | 75.3 | 78.1 | 81.8 | 87.3 | 96.5 |
| 80° | 57.3 | 55.6 | 56.4 | 57.3 | 58.1 | 58.4 | 59.4 | 60.1 | 63.2 | 66.3 | 72.8 |
| 82.5° | 42.6 | 41.2 | 41.3 | 42.9 | 43.1 | 43.3 | 44.4 | 45.4 | 46.5 | 49.3 | 52.8 |
| 85° | 22.6 | 22.6 | 22.9 | 22.9 | 23.2 | 22.9 | 23.9 | 24.3 | 24.3 | 25.9 | 28.0 |
| 87.5° | 10.1 | 9.5 | 9.7 | 10.0 | 9.7 | 9.9 | 10.2 | 10.3 | 10.6 | 10.8 | 10.9 |
| 90° | 9.5 | 9.3 | 9.2 | 9.0 | 8.9 | 8.6 | 8.4 | 8.1 | 7.8 | 7.6 | 6.7 |
| 92.5° | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 9.9 | 9.5 | 9.0 | 8.5 | 8.0 | 7.4 |
| 95° | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.2 | 10.8 | 10.3 | 9.8 | 9.0 |
| 97.5° | 13.0 | 12.9 | 12.8 | 12.8 | 12.7 | 12.4 | 11.9 | 11.2 | 10.7 | 10.2 | 15.2 |
| 100° | 13.2 | 13.2 | 13.1 | 13.0 | 12.9 | 12.7 | 12.0 | 11.5 | 11.0 | 10.4 | 21.3 |
| 102.5° | 13.5 | 13.4 | 13.2 | 13.1 | 13.0 | 13.8 | 15.5 | 17.3 | 19.0 | 20.8 | 32.6 |
| 105° | 13.8 | 13.7 | 13.6 | 13.5 | 13.3 | 19.4 | 31.8 | 44.2 | 56.6 | 69.0 | 75.3 |
| 107.5° | 43.5 | 52.9 | 62.2 | 71.6 | 80.9 | 90.2 | 99.2 | 108.3 | 117.3 | 126.4 | 125.5 |
| 110° | 86.7 | 96.7 | 106.6 | 116.7 | 126.7 | 132.9 | 135.2 | 137.5 | 139.8 | 142.1 | 141.3 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 148.6 | 150.8 | 152.9 | 155.0 | 157.1 | 158.2 | 158.1 | 158.1 | 158.0 | 158.0 | 157.2 |
| 115° | 185.3 | 185.0 | 184.8 | 184.4 | 184.1 | 183.7 | 183.0 | 182.3 | 181.6 | 180.8 | 180.2 |
| 117.5° | 205.8 | 205.8 | 205.7 | 205.6 | 205.6 | 205.3 | 204.7 | 204.2 | 203.6 | 203.0 | 202.8 |
| 120° | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 219.6 | 219.1 | 218.6 | 218.0 | 217.4 | 217.2 |
| 122.5° | 233.8 | 233.7 | 233.7 | 233.6 | 233.5 | 233.4 | 233.0 | 232.6 | 232.2 | 231.8 | 231.5 |
| 125° | 253.3 | 253.2 | 253.1 | 252.9 | 252.8 | 252.6 | 252.5 | 252.4 | 252.3 | 252.1 | 251.8 |
| 127.5° | 272.2 | 272.2 | 272.4 | 272.5 | 272.7 | 272.7 | 272.4 | 272.2 | 272.0 | 271.7 | 271.4 |
| 130° | 284.2 | 284.4 | 284.5 | 284.6 | 284.8 | 284.7 | 284.5 | 284.2 | 283.8 | 283.6 | 283.3 |
| 132.5° | 295.3 | 295.5 | 295.7 | 295.9 | 296.1 | 296.0 | 295.8 | 295.5 | 295.2 | 295.0 | 294.7 |
| 135° | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.1 | 312.9 | 312.7 | 312.5 | 312.3 | 312.0 |
| 137.5° | 328.2 | 328.3 | 328.5 | 328.6 | 328.8 | 328.7 | 328.3 | 328.0 | 327.7 | 327.3 | 327.2 |
| 140° | 337.8 | 338.0 | 338.0 | 338.2 | 338.3 | 338.3 | 338.0 | 337.7 | 337.4 | 337.2 | 337.0 |
| 142.5° | 346.6 | 346.8 | 347.0 | 347.2 | 347.4 | 347.4 | 347.1 | 347.0 | 346.7 | 346.5 | 346.3 |
| 145° | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.1 | 360.0 | 359.8 | 359.7 | 359.5 | 359.4 |
| 147.5° | 370.2 | 370.6 | 370.9 | 371.2 | 371.6 | 371.7 | 371.5 | 371.3 | 371.2 | 371.0 | 371.0 |
| 150° | 377.8 | 378.0 | 378.3 | 378.4 | 378.6 | 378.7 | 378.5 | 378.4 | 378.3 | 378.1 | 378.0 |
| 152.5° | 383.9 | 384.1 | 384.5 | 384.9 | 385.1 | 385.2 | 385.0 | 384.7 | 384.4 | 384.1 | 384.1 |
| 155° | 392.3 | 392.7 | 393.2 | 393.6 | 394.0 | 394.0 | 393.7 | 393.3 | 393.0 | 392.6 | 392.5 |
| 157.5° | 399.4 | 399.9 | 400.6 | 401.1 | 401.6 | 401.7 | 401.3 | 400.8 | 400.4 | 400.0 | 400.0 |
| 160° | 403.9 | 404.5 | 404.9 | 405.5 | 405.9 | 406.0 | 405.6 | 405.1 | 404.7 | 404.3 | 404.4 |
| 162.5° | 408.2 | 408.7 | 409.1 | 409.6 | 410.0 | 409.9 | 409.5 | 409.0 | 408.5 | 408.0 | 408.1 |
| 165° | 413.4 | 413.9 | 414.4 | 414.9 | 415.4 | 415.4 | 414.8 | 414.2 | 413.7 | 413.1 | 413.1 |
| 167.5° | 417.1 | 417.7 | 418.2 | 418.8 | 419.4 | 419.4 | 418.8 | 418.2 | 417.7 | 417.1 | 417.1 |
| 170° | 419.4 | 420.0 | 420.5 | 421.1 | 421.6 | 421.6 | 421.1 | 420.5 | 420.0 | 419.4 | 419.4 |
| 172.5° | 420.6 | 421.2 | 421.9 | 422.5 | 423.1 | 423.1 | 422.6 | 422.0 | 421.5 | 420.9 | 420.9 |
| 175° | 422.6 | 423.1 | 423.7 | 424.3 | 424.8 | 424.8 | 424.4 | 423.8 | 423.4 | 422.8 | 422.8 |
| 177.5° | 423.1 | 423.7 | 424.3 | 424.8 | 425.3 | 425.4 | 425.0 | 424.5 | 424.1 | 423.7 | 423.6 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 726.7 | 724.6 | 722.4 | 718.5 | 715.2 | 710.6 | 709.3 | 707.7 | 702.8 | 698.3 | 695.1 |
| 5° | 771.2 | 762.9 | 751.0 | 740.0 | 731.2 | 719.3 | 712.4 | 705.3 | 695.0 | 685.8 | 678.2 |
| 7.5° | 817.6 | 801.5 | 782.9 | 762.9 | 744.1 | 726.0 | 711.5 | 698.6 | 684.2 | 670.6 | 660.0 |
| 10° | 854.5 | 831.3 | 805.3 | 777.3 | 753.4 | 730.1 | 710.7 | 693.7 | 675.2 | 659.2 | 645.8 |
| 12.5° | 896.5 | 862.1 | 826.3 | 792.3 | 764.0 | 731.8 | 708.3 | 686.5 | 665.7 | 646.3 | 631.3 |
| 15° | 946.4 | 902.7 | 860.3 | 813.5 | 770.4 | 730.1 | 702.1 | 674.8 | 650.6 | 630.8 | 611.6 |
| 17.5° | 991.7 | 942.2 | 886.4 | 829.5 | 777.6 | 729.8 | 690.5 | 659.7 | 629.4 | 605.1 | 586.0 |
| 20° | 1017.4 | 961.0 | 897.9 | 838.7 | 781.4 | 728.1 | 685.1 | 648.2 | 615.5 | 589.8 | 568.3 |
| 22.5° | 1039.6 | 973.6 | 908.2 | 845.1 | 781.1 | 723.7 | 675.0 | 637.0 | 601.5 | 576.4 | 553.6 |
| 25° | 1062.5 | 983.6 | 918.0 | 843.9 | 772.5 | 713.1 | 658.4 | 615.5 | 579.9 | 550.5 | 527.0 |
| 27.5° | 1082.2 | 982.9 | 905.1 | 825.4 | 759.0 | 699.5 | 641.1 | 594.9 | 557.2 | 525.3 | 501.4 |
| 30° | 1095.3 | 984.3 | 891.7 | 812.8 | 745.9 | 684.4 | 627.7 | 581.3 | 541.6 | 509.2 | 486.7 |
| 32.5° | 1103.5 | 983.5 | 879.4 | 795.3 | 725.1 | 670.7 | 613.2 | 565.2 | 524.4 | 492.6 | 470.8 |
| 35° | 1108.2 | 977.4 | 858.3 | 759.2 | 691.6 | 638.6 | 590.5 | 540.6 | 497.9 | 468.2 | 443.6 |
| 37.5° | 1098.7 | 964.8 | 833.7 | 724.3 | 650.3 | 598.2 | 557.7 | 515.2 | 474.4 | 441.7 | 420.4 |
| 40° | 1083.6 | 956.6 | 814.5 | 699.8 | 621.9 | 571.7 | 537.3 | 495.5 | 455.2 | 424.2 | 404.4 |
| 42.5° | 1055.0 | 940.0 | 793.5 | 672.4 | 592.4 | 542.2 | 510.4 | 475.6 | 437.5 | 408.3 | 388.5 |
| 45° | 985.0 | 903.7 | 762.0 | 631.5 | 548.8 | 497.0 | 469.0 | 443.6 | 409.1 | 380.8 | 363.7 |
| 47.5° | 887.8 | 849.1 | 716.3 | 588.3 | 503.4 | 453.4 | 424.3 | 403.9 | 378.7 | 355.9 | 339.5 |
| 50° | 820.4 | 804.3 | 685.5 | 558.7 | 473.0 | 424.2 | 396.2 | 377.7 | 359.6 | 336.7 | 321.7 |
| 52.5° | 742.4 | 752.3 | 649.3 | 528.2 | 442.1 | 394.1 | 367.7 | 353.1 | 336.7 | 317.9 | 304.8 |
| 55° | 632.8 | 668.7 | 587.1 | 476.8 | 396.2 | 350.4 | 325.5 | 312.5 | 302.9 | 288.9 | 277.7 |
| 57.5° | 530.2 | 575.8 | 519.7 | 423.8 | 351.0 | 311.6 | 287.7 | 273.5 | 267.3 | 260.0 | 251.2 |
| 60° | 469.2 | 514.3 | 471.6 | 388.3 | 320.7 | 283.1 | 262.0 | 250.0 | 243.9 | 238.7 | 231.2 |
| 62.5° | 414.9 | 460.5 | 424.6 | 352.2 | 290.9 | 256.1 | 237.6 | 226.0 | 221.1 | 218.5 | 212.0 |
| 65° | 340.2 | 379.4 | 355.5 | 296.1 | 248.3 | 217.6 | 200.8 | 192.6 | 188.2 | 187.2 | 183.1 |
| 67.5° | 276.9 | 306.7 | 289.4 | 245.6 | 207.9 | 181.4 | 167.2 | 160.2 | 156.9 | 156.5 | 153.4 |
| 70° | 235.3 | 263.3 | 250.0 | 210.4 | 177.9 | 157.1 | 144.8 | 138.7 | 136.6 | 136.3 | 134.6 |
| 72.5° | 203.0 | 222.6 | 212.0 | 179.0 | 153.9 | 135.0 | 125.9 | 119.5 | 117.2 | 117.7 | 116.5 |
| 75° | 150.3 | 165.0 | 158.8 | 135.9 | 115.7 | 103.4 | 95.9 | 91.8 | 89.8 | 90.9 | 89.4 |
| 77.5° | 108.2 | 117.4 | 111.9 | 96.0 | 83.6 | 74.7 | 69.2 | 66.7 | 64.8 | 64.7 | 64.1 |
| 80° | 81.6 | 87.1 | 84.0 | 74.5 | 64.2 | 56.7 | 52.3 | 50.6 | 49.5 | 49.2 | 48.9 |
| 82.5° | 58.1 | 62.8 | 59.1 | 52.6 | 45.7 | 41.1 | 38.6 | 36.4 | 35.6 | 35.8 | 35.5 |
| 85° | 29.3 | 31.1 | 29.7 | 25.6 | 22.9 | 20.9 | 19.4 | 18.5 | 17.7 | 18.1 | 17.4 |
| 87.5° | 11.2 | 11.3 | 10.3 | 9.1 | 8.4 | 7.5 | 7.3 | 6.6 | 6.2 | 6.3 | 6.2 |
| 90° | 5.7 | 4.8 | 3.9 | 3.1 | 2.4 | 1.7 | 1.0 | 0.4 | 1.0 | 1.7 | 2.4 |
| 92.5° | 6.7 | 6.0 | 5.4 | 5.1 | 5.3 | 5.4 | 5.7 | 5.9 | 5.7 | 5.4 | 5.3 |
| 95° | 8.2 | 7.5 | 6.7 | 7.8 | 10.6 | 13.5 | 16.3 | 19.3 | 16.3 | 13.5 | 10.6 |
| 97.5° | 20.2 | 25.2 | 30.3 | 33.4 | 34.8 | 36.0 | 37.4 | 38.6 | 37.4 | 36.0 | 34.8 |
| 100° | 32.3 | 43.2 | 54.1 | 58.9 | 57.4 | 56.1 | 54.7 | 53.2 | 54.7 | 56.1 | 57.4 |
| 102.5° | 44.6 | 56.5 | 68.5 | 73.9 | 72.9 | 71.9 | 70.9 | 69.9 | 70.9 | 71.9 | 72.9 |
| 105° | 81.6 | 87.9 | 94.3 | 97.0 | 96.2 | 95.4 | 94.7 | 93.9 | 94.7 | 95.4 | 96.2 |
| 107.5° | 124.5 | 123.5 | 122.5 | 121.7 | 121.1 | 120.5 | 119.8 | 119.2 | 119.8 | 120.5 | 121.1 |
| 110° | 140.5 | 139.8 | 139.0 | 138.4 | 137.8 | 137.2 | 136.7 | 136.2 | 136.7 | 137.2 | 137.8 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 156.5 | 155.7 | 154.9 | 154.3 | 153.7 | 153.3 | 152.8 | 152.2 | 152.8 | 153.3 | 153.7 |
| 115° | 179.6 | 179.0 | 178.3 | 177.8 | 177.4 | 177.0 | 176.6 | 176.1 | 176.6 | 177.0 | 177.4 |
| 117.5° | 202.4 | 202.1 | 201.8 | 201.3 | 200.8 | 200.3 | 199.8 | 199.3 | 199.8 | 200.3 | 200.8 |
| 120° | 217.0 | 216.8 | 216.6 | 216.2 | 215.5 | 214.9 | 214.3 | 213.7 | 214.3 | 214.9 | 215.5 |
| 122.5° | 231.2 | 231.0 | 230.7 | 230.3 | 229.8 | 229.3 | 228.8 | 228.3 | 228.8 | 229.3 | 229.8 |
| 125° | 251.6 | 251.3 | 250.9 | 250.6 | 249.9 | 249.4 | 248.9 | 248.3 | 248.9 | 249.4 | 249.9 |
| 127.5° | 271.1 | 270.7 | 270.4 | 269.9 | 269.4 | 268.9 | 268.3 | 267.7 | 268.3 | 268.9 | 269.4 |
| 130° | 283.0 | 282.8 | 282.5 | 282.0 | 281.5 | 280.9 | 280.4 | 279.8 | 280.4 | 280.9 | 281.5 |
| 132.5° | 294.5 | 294.3 | 294.0 | 293.6 | 293.1 | 292.6 | 291.9 | 291.4 | 291.9 | 292.6 | 293.1 |
| 135° | 311.7 | 311.4 | 311.1 | 310.8 | 310.4 | 310.0 | 309.5 | 309.2 | 309.5 | 310.0 | 310.4 |
| 137.5° | 327.0 | 326.9 | 326.7 | 326.4 | 325.8 | 325.3 | 324.8 | 324.2 | 324.8 | 325.3 | 325.8 |
| 140° | 336.7 | 336.5 | 336.4 | 336.0 | 335.6 | 335.2 | 334.7 | 334.3 | 334.7 | 335.2 | 335.6 |
| 142.5° | 346.1 | 345.9 | 345.6 | 345.4 | 344.9 | 344.5 | 344.1 | 343.7 | 344.1 | 344.5 | 344.9 |
| 145° | 359.3 | 359.1 | 359.0 | 358.6 | 358.2 | 357.7 | 357.2 | 356.7 | 357.2 | 357.7 | 358.2 |
| 147.5° | 370.8 | 370.7 | 370.5 | 370.2 | 370.0 | 369.6 | 369.3 | 369.0 | 369.3 | 369.6 | 370.0 |
| 150° | 377.8 | 377.7 | 377.6 | 377.4 | 377.2 | 376.9 | 376.7 | 376.6 | 376.7 | 376.9 | 377.2 |
| 152.5° | 384.0 | 383.9 | 383.9 | 383.7 | 383.6 | 383.5 | 383.4 | 383.3 | 383.4 | 383.5 | 383.6 |
| 155° | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 392.8 | 393.0 | 392.8 | 392.6 | 392.5 |
| 157.5° | 400.1 | 400.2 | 400.3 | 400.3 | 400.3 | 400.4 | 400.4 | 400.4 | 400.4 | 400.4 | 400.3 |
| 160° | 404.4 | 404.5 | 404.6 | 404.7 | 404.7 | 404.7 | 404.8 | 404.9 | 404.8 | 404.7 | 404.7 |
| 162.5° | 408.2 | 408.2 | 408.3 | 408.5 | 408.7 | 408.8 | 409.0 | 409.2 | 409.0 | 408.8 | 408.7 |
| 165° | 413.2 | 413.3 | 413.4 | 413.5 | 413.8 | 413.9 | 414.1 | 414.4 | 414.1 | 413.9 | 413.8 |
| 167.5° | 417.1 | 417.1 | 417.1 | 417.2 | 417.6 | 417.9 | 418.1 | 418.4 | 418.1 | 417.9 | 417.6 |
| 170° | 419.4 | 419.4 | 419.4 | 419.5 | 419.8 | 420.1 | 420.4 | 420.6 | 420.4 | 420.1 | 419.8 |
| 172.5° | 420.8 | 420.7 | 420.7 | 420.8 | 421.2 | 421.5 | 421.9 | 422.1 | 421.9 | 421.5 | 421.2 |
| 175° | 422.8 | 422.7 | 422.6 | 422.8 | 423.1 | 423.4 | 423.7 | 424.1 | 423.7 | 423.4 | 423.1 |
| 177.5° | 423.5 | 423.5 | 423.4 | 423.5 | 423.8 | 424.1 | 424.4 | 424.6 | 424.4 | 424.1 | 423.8 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 693.1 | 691.3 | 688.5 | 684.4 | 681.1 | 675.9 | 675.9 | 676.7 | 676.7 | 676.5 | 675.9 |
| 5° | 672.1 | 667.0 | 660.8 | 653.7 | 646.1 | 638.6 | 637.3 | 634.5 | 632.5 | 631.2 | 629.5 |
| 7.5° | 649.9 | 640.9 | 631.9 | 621.9 | 612.7 | 605.1 | 599.9 | 595.5 | 592.6 | 589.7 | 587.5 |
| 10° | 634.9 | 623.6 | 613.1 | 602.4 | 590.8 | 581.6 | 575.8 | 571.7 | 568.6 | 565.9 | 564.5 |
| 12.5° | 617.2 | 604.2 | 592.5 | 582.5 | 569.8 | 560.3 | 554.7 | 552.9 | 549.2 | 543.5 | 540.5 |
| 15° | 591.2 | 579.3 | 565.3 | 549.8 | 543.7 | 532.1 | 525.6 | 522.5 | 520.5 | 516.0 | 514.7 |
| 17.5° | 569.0 | 553.3 | 537.6 | 526.1 | 514.7 | 505.3 | 501.7 | 497.8 | 495.2 | 491.5 | 490.4 |
| 20° | 551.3 | 537.3 | 522.9 | 510.6 | 498.6 | 488.4 | 485.3 | 482.6 | 479.8 | 478.1 | 476.8 |
| 22.5° | 533.2 | 519.2 | 507.3 | 495.8 | 483.0 | 476.4 | 473.0 | 470.0 | 468.1 | 466.9 | 465.6 |
| 25° | 507.8 | 495.5 | 482.2 | 472.0 | 461.7 | 457.3 | 455.2 | 453.5 | 452.2 | 450.5 | 450.1 |
| 27.5° | 485.2 | 471.8 | 461.0 | 451.4 | 444.1 | 440.3 | 438.4 | 437.6 | 437.8 | 438.5 | 438.8 |
| 30° | 468.2 | 455.9 | 447.0 | 438.8 | 432.0 | 428.6 | 428.3 | 428.3 | 429.6 | 430.0 | 430.7 |
| 32.5° | 452.6 | 442.6 | 433.6 | 425.7 | 420.5 | 418.2 | 419.5 | 419.5 | 420.6 | 421.5 | 422.8 |
| 35° | 430.0 | 421.1 | 414.3 | 407.4 | 403.0 | 404.0 | 404.7 | 405.4 | 407.1 | 409.1 | 410.5 |
| 37.5° | 408.3 | 400.6 | 393.5 | 388.2 | 386.1 | 388.0 | 389.6 | 391.0 | 393.1 | 394.6 | 395.9 |
| 40° | 392.7 | 386.9 | 380.1 | 375.3 | 376.0 | 377.0 | 378.4 | 380.1 | 381.8 | 382.8 | 384.2 |
| 42.5° | 378.3 | 372.2 | 367.0 | 363.0 | 364.0 | 365.3 | 366.1 | 367.0 | 369.0 | 370.9 | 371.7 |
| 45° | 356.2 | 351.4 | 346.6 | 344.3 | 344.9 | 345.6 | 346.3 | 347.3 | 349.0 | 350.4 | 350.7 |
| 47.5° | 331.4 | 328.1 | 324.9 | 322.5 | 323.6 | 323.3 | 324.2 | 326.5 | 327.0 | 327.8 | 329.7 |
| 50° | 315.6 | 312.5 | 308.7 | 308.1 | 308.1 | 308.1 | 308.4 | 311.1 | 311.1 | 312.5 | 313.9 |
| 52.5° | 298.1 | 296.1 | 293.7 | 292.5 | 291.9 | 291.9 | 293.4 | 294.7 | 295.2 | 297.2 | 298.5 |
| 55° | 272.2 | 270.1 | 268.1 | 267.1 | 266.4 | 267.1 | 269.8 | 270.5 | 272.2 | 273.2 | 274.2 |
| 57.5° | 245.2 | 243.6 | 242.0 | 241.5 | 241.3 | 242.2 | 243.7 | 245.8 | 246.2 | 249.3 | 250.8 |
| 60° | 227.5 | 225.1 | 223.7 | 223.7 | 223.0 | 226.0 | 225.4 | 228.8 | 229.5 | 231.6 | 234.0 |
| 62.5° | 209.1 | 205.9 | 205.4 | 205.4 | 206.3 | 207.2 | 208.2 | 209.7 | 211.5 | 214.1 | 215.9 |
| 65° | 179.7 | 177.9 | 180.3 | 179.9 | 179.3 | 181.4 | 181.4 | 183.1 | 185.1 | 187.5 | 191.3 |
| 67.5° | 151.7 | 150.8 | 151.1 | 151.1 | 152.0 | 153.2 | 154.2 | 155.7 | 158.1 | 160.7 | 163.1 |
| 70° | 132.9 | 133.8 | 132.2 | 133.6 | 134.6 | 134.9 | 135.5 | 137.6 | 140.4 | 142.0 | 144.8 |
| 72.5° | 114.6 | 114.5 | 114.7 | 115.2 | 116.3 | 116.9 | 117.5 | 119.8 | 122.9 | 124.3 | 126.5 |
| 75° | 88.1 | 87.7 | 88.8 | 88.8 | 90.5 | 91.2 | 91.8 | 92.9 | 95.6 | 97.6 | 99.4 |
| 77.5° | 64.4 | 64.7 | 64.6 | 65.7 | 65.3 | 65.4 | 67.5 | 68.5 | 68.8 | 72.9 | 73.7 |
| 80° | 48.5 | 49.2 | 49.5 | 49.8 | 50.2 | 49.5 | 51.9 | 53.0 | 53.0 | 55.3 | 57.1 |
| 82.5° | 34.9 | 35.2 | 36.1 | 36.5 | 36.6 | 37.2 | 37.5 | 38.2 | 39.0 | 40.0 | 42.3 |
| 85° | 17.4 | 18.5 | 18.8 | 18.5 | 18.8 | 18.1 | 19.1 | 19.4 | 19.8 | 19.8 | 19.8 |
| 87.5° | 6.1 | 6.5 | 6.4 | 6.9 | 6.8 | 7.2 | 7.3 | 6.8 | 6.9 | 7.8 | 6.7 |
| 90° | 3.1 | 3.9 | 4.8 | 5.7 | 6.7 | 7.6 | 7.8 | 8.1 | 8.4 | 8.6 | 8.9 |
| 92.5° | 5.1 | 5.4 | 6.0 | 6.7 | 7.4 | 8.0 | 8.5 | 9.0 | 9.5 | 9.9 | 10.2 |
| 95° | 7.8 | 6.7 | 7.5 | 8.2 | 9.0 | 9.8 | 10.3 | 10.8 | 11.2 | 11.8 | 11.9 |
| 97.5° | 33.4 | 30.3 | 25.2 | 20.2 | 15.2 | 10.2 | 10.7 | 11.2 | 11.9 | 12.4 | 12.7 |
| 100° | 58.9 | 54.1 | 43.2 | 32.3 | 21.3 | 10.4 | 11.0 | 11.5 | 12.0 | 12.7 | 12.9 |
| 102.5° | 73.9 | 68.5 | 56.5 | 44.6 | 32.6 | 20.8 | 19.0 | 17.3 | 15.5 | 13.8 | 13.0 |
| 105° | 97.0 | 94.3 | 87.9 | 81.6 | 75.3 | 69.0 | 56.6 | 44.2 | 31.8 | 19.4 | 13.3 |
| 107.5° | 121.7 | 122.5 | 123.5 | 124.5 | 125.5 | 126.4 | 117.3 | 108.3 | 99.2 | 90.2 | 80.9 |
| 110° | 138.4 | 139.0 | 139.8 | 140.5 | 141.3 | 142.1 | 139.8 | 137.5 | 135.2 | 132.9 | 126.7 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 154.3 | 154.9 | 155.7 | 156.5 | 157.2 | 158.0 | 158.0 | 158.1 | 158.1 | 158.2 | 157.1 |
| 115° | 177.8 | 178.3 | 179.0 | 179.6 | 180.2 | 180.8 | 181.6 | 182.3 | 183.0 | 183.7 | 184.1 |
| 117.5° | 201.3 | 201.8 | 202.1 | 202.4 | 202.8 | 203.0 | 203.6 | 204.2 | 204.7 | 205.3 | 205.6 |
| 120° | 216.2 | 216.6 | 216.8 | 217.0 | 217.2 | 217.4 | 218.0 | 218.6 | 219.1 | 219.6 | 220.0 |
| 122.5° | 230.3 | 230.7 | 231.0 | 231.2 | 231.5 | 231.8 | 232.2 | 232.6 | 233.0 | 233.4 | 233.5 |
| 125° | 250.6 | 250.9 | 251.3 | 251.6 | 251.8 | 252.1 | 252.3 | 252.4 | 252.5 | 252.6 | 252.8 |
| 127.5° | 269.9 | 270.4 | 270.7 | 271.1 | 271.4 | 271.7 | 272.0 | 272.2 | 272.4 | 272.7 | 272.7 |
| 130° | 282.0 | 282.5 | 282.8 | 283.0 | 283.3 | 283.6 | 283.8 | 284.2 | 284.5 | 284.7 | 284.8 |
| 132.5° | 293.6 | 294.0 | 294.3 | 294.5 | 294.7 | 295.0 | 295.2 | 295.5 | 295.8 | 296.0 | 296.1 |
| 135° | 310.8 | 311.1 | 311.4 | 311.7 | 312.0 | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.1 |
| 137.5° | 326.4 | 326.7 | 326.9 | 327.0 | 327.2 | 327.3 | 327.7 | 328.0 | 328.3 | 328.7 | 328.8 |
| 140° | 336.0 | 336.4 | 336.5 | 336.7 | 337.0 | 337.2 | 337.4 | 337.7 | 338.0 | 338.3 | 338.3 |
| 142.5° | 345.4 | 345.6 | 345.9 | 346.1 | 346.3 | 346.5 | 346.7 | 347.0 | 347.1 | 347.4 | 347.4 |
| 145° | 358.6 | 359.0 | 359.1 | 359.3 | 359.4 | 359.5 | 359.7 | 359.8 | 360.0 | 360.1 | 360.2 |
| 147.5° | 370.2 | 370.5 | 370.7 | 370.8 | 371.0 | 371.0 | 371.2 | 371.3 | 371.5 | 371.7 | 371.6 |
| 150° | 377.4 | 377.6 | 377.7 | 377.8 | 378.0 | 378.1 | 378.3 | 378.4 | 378.5 | 378.7 | 378.6 |
| 152.5° | 383.7 | 383.9 | 383.9 | 384.0 | 384.1 | 384.1 | 384.4 | 384.7 | 385.0 | 385.2 | 385.1 |
| 155° | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 393.0 | 393.3 | 393.7 | 394.0 | 394.0 |
| 157.5° | 400.3 | 400.3 | 400.2 | 400.1 | 400.0 | 400.0 | 400.4 | 400.8 | 401.3 | 401.7 | 401.6 |
| 160° | 404.7 | 404.6 | 404.5 | 404.4 | 404.4 | 404.3 | 404.7 | 405.1 | 405.6 | 406.0 | 405.9 |
| 162.5° | 408.5 | 408.3 | 408.2 | 408.2 | 408.1 | 408.0 | 408.5 | 409.0 | 409.5 | 409.9 | 410.0 |
| 165° | 413.5 | 413.4 | 413.3 | 413.2 | 413.1 | 413.1 | 413.7 | 414.2 | 414.8 | 415.4 | 415.4 |
| 167.5° | 417.2 | 417.1 | 417.1 | 417.1 | 417.1 | 417.1 | 417.7 | 418.2 | 418.8 | 419.4 | 419.4 |
| 170° | 419.5 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 420.0 | 420.5 | 421.1 | 421.6 | 421.6 |
| 172.5° | 420.8 | 420.7 | 420.7 | 420.8 | 420.9 | 420.9 | 421.5 | 422.0 | 422.6 | 423.1 | 423.1 |
| 175° | 422.8 | 422.6 | 422.7 | 422.8 | 422.8 | 422.8 | 423.4 | 423.8 | 424.4 | 424.8 | 424.8 |
| 177.5° | 423.5 | 423.4 | 423.5 | 423.5 | 423.6 | 423.7 | 424.1 | 424.5 | 425.0 | 425.4 | 425.3 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 674.0 | 673.8 | 675.6 | 674.3 | 675.6 | 673.8 | 674.0 | 675.9 | 676.5 | 676.7 | 676.7 |
| 5° | 627.4 | 628.4 | 625.0 | 625.0 | 625.0 | 628.4 | 627.4 | 629.5 | 631.2 | 632.5 | 634.5 |
| 7.5° | 585.9 | 584.3 | 584.5 | 582.6 | 584.5 | 584.3 | 585.9 | 587.5 | 589.7 | 592.6 | 595.5 |
| 10° | 560.4 | 558.4 | 557.7 | 558.0 | 557.7 | 558.4 | 560.4 | 564.5 | 565.9 | 568.6 | 571.7 |
| 12.5° | 539.4 | 539.0 | 534.5 | 534.6 | 534.5 | 539.0 | 539.4 | 540.5 | 543.5 | 549.2 | 552.9 |
| 15° | 514.7 | 508.2 | 507.5 | 509.5 | 507.5 | 508.2 | 514.7 | 514.7 | 516.0 | 520.5 | 522.5 |
| 17.5° | 489.9 | 486.4 | 486.7 | 485.6 | 486.7 | 486.4 | 489.9 | 490.4 | 491.5 | 495.2 | 497.8 |
| 20° | 476.8 | 474.7 | 474.4 | 472.0 | 474.4 | 474.7 | 476.8 | 476.8 | 478.1 | 479.8 | 482.6 |
| 22.5° | 464.8 | 464.0 | 464.2 | 461.6 | 464.2 | 464.0 | 464.8 | 465.6 | 466.9 | 468.1 | 470.0 |
| 25° | 449.8 | 451.5 | 450.1 | 450.1 | 450.1 | 451.5 | 449.8 | 450.1 | 450.5 | 452.2 | 453.5 |
| 27.5° | 439.7 | 439.6 | 438.9 | 438.9 | 438.9 | 439.6 | 439.7 | 438.8 | 438.5 | 437.8 | 437.6 |
| 30° | 432.0 | 431.7 | 432.4 | 432.4 | 432.4 | 431.7 | 432.0 | 430.7 | 430.0 | 429.6 | 428.3 |
| 32.5° | 424.4 | 424.8 | 425.0 | 425.3 | 425.0 | 424.8 | 424.4 | 422.8 | 421.5 | 420.6 | 419.5 |
| 35° | 412.6 | 412.9 | 413.9 | 413.2 | 413.9 | 412.9 | 412.6 | 410.5 | 409.1 | 407.1 | 405.4 |
| 37.5° | 396.5 | 398.1 | 397.8 | 398.3 | 397.8 | 398.1 | 396.5 | 395.9 | 394.6 | 393.1 | 391.0 |
| 40° | 384.6 | 385.6 | 385.2 | 385.2 | 385.2 | 385.6 | 384.6 | 384.2 | 382.8 | 381.8 | 380.1 |
| 42.5° | 372.3 | 373.0 | 372.1 | 371.6 | 372.1 | 373.0 | 372.3 | 371.7 | 370.9 | 369.0 | 367.0 |
| 45° | 352.1 | 351.4 | 352.5 | 351.1 | 352.5 | 351.4 | 352.1 | 350.7 | 350.4 | 349.0 | 347.3 |
| 47.5° | 329.6 | 330.3 | 330.6 | 331.5 | 330.6 | 330.3 | 329.6 | 329.7 | 327.8 | 327.0 | 326.5 |
| 50° | 314.5 | 316.6 | 316.6 | 316.3 | 316.6 | 316.6 | 314.5 | 313.9 | 312.5 | 311.1 | 311.1 |
| 52.5° | 299.8 | 300.8 | 302.1 | 302.0 | 302.1 | 300.8 | 299.8 | 298.5 | 297.2 | 295.2 | 294.7 |
| 55° | 277.0 | 277.7 | 278.3 | 278.7 | 278.3 | 277.7 | 277.0 | 274.2 | 273.2 | 272.2 | 270.5 |
| 57.5° | 253.3 | 253.1 | 254.7 | 255.2 | 254.7 | 253.1 | 253.3 | 250.8 | 249.3 | 246.2 | 245.8 |
| 60° | 236.7 | 236.7 | 239.4 | 240.4 | 239.4 | 236.7 | 236.7 | 234.0 | 231.6 | 229.5 | 228.8 |
| 62.5° | 218.9 | 220.0 | 222.7 | 221.3 | 222.7 | 220.0 | 218.9 | 215.9 | 214.1 | 211.5 | 209.7 |
| 65° | 193.0 | 195.7 | 195.4 | 196.7 | 195.4 | 195.7 | 193.0 | 191.3 | 187.5 | 185.1 | 183.1 |
| 67.5° | 165.9 | 167.6 | 170.0 | 170.2 | 170.0 | 167.6 | 165.9 | 163.1 | 160.7 | 158.1 | 155.7 |
| 70° | 147.6 | 149.3 | 150.6 | 151.6 | 150.6 | 149.3 | 147.6 | 144.8 | 142.0 | 140.4 | 137.6 |
| 72.5° | 129.7 | 130.6 | 133.9 | 132.5 | 133.9 | 130.6 | 129.7 | 126.5 | 124.3 | 122.9 | 119.8 |
| 75° | 101.7 | 104.2 | 106.2 | 105.2 | 106.2 | 104.2 | 101.7 | 99.4 | 97.6 | 95.6 | 92.9 |
| 77.5° | 75.3 | 77.7 | 78.6 | 77.8 | 78.6 | 77.7 | 75.3 | 73.7 | 72.9 | 68.8 | 68.5 |
| 80° | 59.4 | 59.1 | 61.2 | 60.8 | 61.2 | 59.1 | 59.4 | 57.1 | 55.3 | 53.0 | 53.0 |
| 82.5° | 43.6 | 43.2 | 44.2 | 44.4 | 44.2 | 43.2 | 43.6 | 42.3 | 40.0 | 39.0 | 38.2 |
| 85° | 21.1 | 22.2 | 20.9 | 20.5 | 20.9 | 22.2 | 21.1 | 19.8 | 19.8 | 19.8 | 19.4 |
| 87.5° | 6.7 | 6.8 | 6.5 | 6.2 | 6.5 | 6.8 | 6.7 | 6.7 | 7.8 | 6.9 | 6.8 |
| 90° | 9.0 | 9.2 | 9.3 | 9.5 | 9.3 | 9.2 | 9.0 | 8.9 | 8.6 | 8.4 | 8.1 |
| 92.5° | 10.2 | 10.3 | 10.3 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 9.9 | 9.5 | 9.0 |
| 95° | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.8 | 11.2 | 10.8 |
| 97.5° | 12.8 | 12.8 | 12.9 | 13.0 | 12.9 | 12.8 | 12.8 | 12.7 | 12.4 | 11.9 | 11.2 |
| 100° | 13.0 | 13.1 | 13.2 | 13.2 | 13.2 | 13.1 | 13.0 | 12.9 | 12.7 | 12.0 | 11.5 |
| 102.5° | 13.1 | 13.2 | 13.4 | 13.5 | 13.4 | 13.2 | 13.1 | 13.0 | 13.8 | 15.5 | 17.3 |
| 105° | 13.5 | 13.6 | 13.7 | 13.8 | 13.7 | 13.6 | 13.5 | 13.3 | 19.4 | 31.8 | 44.2 |
| 107.5° | 71.6 | 62.2 | 52.9 | 43.5 | 52.9 | 62.2 | 71.6 | 80.9 | 90.2 | 99.2 | 108.3 |
| 110° | 116.7 | 106.6 | 96.7 | 86.7 | 96.7 | 106.6 | 116.7 | 126.7 | 132.9 | 135.2 | 137.5 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 155.0 | 152.9 | 150.8 | 148.6 | 150.8 | 152.9 | 155.0 | 157.1 | 158.2 | 158.1 | 158.1 |
| 115° | 184.4 | 184.8 | 185.0 | 185.3 | 185.0 | 184.8 | 184.4 | 184.1 | 183.7 | 183.0 | 182.3 |
| 117.5° | 205.6 | 205.7 | 205.8 | 205.8 | 205.8 | 205.7 | 205.6 | 205.6 | 205.3 | 204.7 | 204.2 |
| 120° | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 | 219.6 | 219.1 | 218.6 |
| 122.5° | 233.6 | 233.7 | 233.7 | 233.8 | 233.7 | 233.7 | 233.6 | 233.5 | 233.4 | 233.0 | 232.6 |
| 125° | 252.9 | 253.1 | 253.2 | 253.3 | 253.2 | 253.1 | 252.9 | 252.8 | 252.6 | 252.5 | 252.4 |
| 127.5° | 272.5 | 272.4 | 272.2 | 272.2 | 272.2 | 272.4 | 272.5 | 272.7 | 272.7 | 272.4 | 272.2 |
| 130° | 284.6 | 284.5 | 284.4 | 284.2 | 284.4 | 284.5 | 284.6 | 284.8 | 284.7 | 284.5 | 284.2 |
| 132.5° | 295.9 | 295.7 | 295.5 | 295.3 | 295.5 | 295.7 | 295.9 | 296.1 | 296.0 | 295.8 | 295.5 |
| 135° | 312.9 | 312.7 | 312.5 | 312.3 | 312.5 | 312.7 | 312.9 | 313.1 | 313.1 | 312.9 | 312.7 |
| 137.5° | 328.6 | 328.5 | 328.3 | 328.2 | 328.3 | 328.5 | 328.6 | 328.8 | 328.7 | 328.3 | 328.0 |
| 140° | 338.2 | 338.0 | 338.0 | 337.8 | 338.0 | 338.0 | 338.2 | 338.3 | 338.3 | 338.0 | 337.7 |
| 142.5° | 347.2 | 347.0 | 346.8 | 346.6 | 346.8 | 347.0 | 347.2 | 347.4 | 347.4 | 347.1 | 347.0 |
| 145° | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 | 360.1 | 360.0 | 359.8 |
| 147.5° | 371.2 | 370.9 | 370.6 | 370.2 | 370.6 | 370.9 | 371.2 | 371.6 | 371.7 | 371.5 | 371.3 |
| 150° | 378.4 | 378.3 | 378.0 | 377.8 | 378.0 | 378.3 | 378.4 | 378.6 | 378.7 | 378.5 | 378.4 |
| 152.5° | 384.9 | 384.5 | 384.1 | 383.9 | 384.1 | 384.5 | 384.9 | 385.1 | 385.2 | 385.0 | 384.7 |
| 155° | 393.6 | 393.2 | 392.7 | 392.3 | 392.7 | 393.2 | 393.6 | 394.0 | 394.0 | 393.7 | 393.3 |
| 157.5° | 401.1 | 400.6 | 399.9 | 399.4 | 399.9 | 400.6 | 401.1 | 401.6 | 401.7 | 401.3 | 400.8 |
| 160° | 405.5 | 404.9 | 404.5 | 403.9 | 404.5 | 404.9 | 405.5 | 405.9 | 406.0 | 405.6 | 405.1 |
| 162.5° | 409.6 | 409.1 | 408.7 | 408.2 | 408.7 | 409.1 | 409.6 | 410.0 | 409.9 | 409.5 | 409.0 |
| 165° | 414.9 | 414.4 | 413.9 | 413.4 | 413.9 | 414.4 | 414.9 | 415.4 | 415.4 | 414.8 | 414.2 |
| 167.5° | 418.8 | 418.2 | 417.7 | 417.1 | 417.7 | 418.2 | 418.8 | 419.4 | 419.4 | 418.8 | 418.2 |
| 170° | 421.1 | 420.5 | 420.0 | 419.4 | 420.0 | 420.5 | 421.1 | 421.6 | 421.6 | 421.1 | 420.5 |
| 172.5° | 422.5 | 421.9 | 421.2 | 420.6 | 421.2 | 421.9 | 422.5 | 423.1 | 423.1 | 422.6 | 422.0 |
| 175° | 424.3 | 423.7 | 423.1 | 422.6 | 423.1 | 423.7 | 424.3 | 424.8 | 424.8 | 424.4 | 423.8 |
| 177.5° | 424.8 | 424.3 | 423.7 | 423.1 | 423.7 | 424.3 | 424.8 | 425.3 | 425.4 | 425.0 | 424.5 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 675.9 | 675.9 | 681.1 | 684.4 | 688.5 | 691.3 | 693.1 | 695.1 | 698.3 | 702.8 | 707.7 |
| 5° | 637.3 | 638.6 | 646.1 | 653.7 | 660.8 | 667.0 | 672.1 | 678.2 | 685.8 | 695.0 | 705.3 |
| 7.5° | 599.9 | 605.1 | 612.7 | 621.9 | 631.9 | 640.9 | 649.9 | 660.0 | 670.6 | 684.2 | 698.6 |
| 10° | 575.8 | 581.6 | 590.8 | 602.4 | 613.1 | 623.6 | 634.9 | 645.8 | 659.2 | 675.2 | 693.7 |
| 12.5° | 554.7 | 560.3 | 569.8 | 582.5 | 592.5 | 604.2 | 617.2 | 631.3 | 646.3 | 665.7 | 686.5 |
| 15° | 525.6 | 532.1 | 543.7 | 549.8 | 565.3 | 579.3 | 591.2 | 611.6 | 630.8 | 650.6 | 674.8 |
| 17.5° | 501.7 | 505.3 | 514.7 | 526.1 | 537.6 | 553.3 | 569.0 | 586.0 | 605.1 | 629.4 | 659.7 |
| 20° | 485.3 | 488.4 | 498.6 | 510.6 | 522.9 | 537.3 | 551.3 | 568.3 | 589.8 | 615.5 | 648.2 |
| 22.5° | 473.0 | 476.4 | 483.0 | 495.8 | 507.3 | 519.2 | 533.2 | 553.6 | 576.4 | 601.5 | 637.0 |
| 25° | 455.2 | 457.3 | 461.7 | 472.0 | 482.2 | 495.5 | 507.8 | 527.0 | 550.5 | 579.9 | 615.5 |
| 27.5° | 438.4 | 440.3 | 444.1 | 451.4 | 461.0 | 471.8 | 485.2 | 501.4 | 525.3 | 557.2 | 594.9 |
| 30° | 428.3 | 428.6 | 432.0 | 438.8 | 447.0 | 455.9 | 468.2 | 486.7 | 509.2 | 541.6 | 581.3 |
| 32.5° | 419.5 | 418.2 | 420.5 | 425.7 | 433.6 | 442.6 | 452.6 | 470.8 | 492.6 | 524.4 | 565.2 |
| 35° | 404.7 | 404.0 | 403.0 | 407.4 | 414.3 | 421.1 | 430.0 | 443.6 | 468.2 | 497.9 | 540.6 |
| 37.5° | 389.6 | 388.0 | 386.1 | 388.2 | 393.5 | 400.6 | 408.3 | 420.4 | 441.7 | 474.4 | 515.2 |
| 40° | 378.4 | 377.0 | 376.0 | 375.3 | 380.1 | 386.9 | 392.7 | 404.4 | 424.2 | 455.2 | 495.5 |
| 42.5° | 366.1 | 365.3 | 364.0 | 363.0 | 367.0 | 372.2 | 378.3 | 388.5 | 408.3 | 437.5 | 475.6 |
| 45° | 346.3 | 345.6 | 344.9 | 344.3 | 346.6 | 351.4 | 356.2 | 363.7 | 380.8 | 409.1 | 443.6 |
| 47.5° | 324.2 | 323.3 | 323.6 | 322.5 | 324.9 | 328.1 | 331.4 | 339.5 | 355.9 | 378.7 | 403.9 |
| 50° | 308.4 | 308.1 | 308.1 | 308.1 | 308.7 | 312.5 | 315.6 | 321.7 | 336.7 | 359.6 | 377.7 |
| 52.5° | 293.4 | 291.9 | 291.9 | 292.5 | 293.7 | 296.1 | 298.1 | 304.8 | 317.9 | 336.7 | 353.1 |
| 55° | 269.8 | 267.1 | 266.4 | 267.1 | 268.1 | 270.1 | 272.2 | 277.7 | 288.9 | 302.9 | 312.5 |
| 57.5° | 243.7 | 242.2 | 241.3 | 241.5 | 242.0 | 243.6 | 245.2 | 251.2 | 260.0 | 267.3 | 273.5 |
| 60° | 225.4 | 226.0 | 223.0 | 223.7 | 223.7 | 225.1 | 227.5 | 231.2 | 238.7 | 243.9 | 250.0 |
| 62.5° | 208.2 | 207.2 | 206.3 | 205.4 | 205.4 | 205.9 | 209.1 | 212.0 | 218.5 | 221.1 | 226.0 |
| 65° | 181.4 | 181.4 | 179.3 | 179.9 | 180.3 | 177.9 | 179.7 | 183.1 | 187.2 | 188.2 | 192.6 |
| 67.5° | 154.2 | 153.2 | 152.0 | 151.1 | 151.1 | 150.8 | 151.7 | 153.4 | 156.5 | 156.9 | 160.2 |
| 70° | 135.5 | 134.9 | 134.6 | 133.6 | 132.2 | 133.8 | 132.9 | 134.6 | 136.3 | 136.6 | 138.7 |
| 72.5° | 117.5 | 116.9 | 116.3 | 115.2 | 114.7 | 114.5 | 114.6 | 116.5 | 117.7 | 117.2 | 119.5 |
| 75° | 91.8 | 91.2 | 90.5 | 88.8 | 88.8 | 87.7 | 88.1 | 89.4 | 90.9 | 89.8 | 91.8 |
| 77.5° | 67.5 | 65.4 | 65.3 | 65.7 | 64.6 | 64.7 | 64.4 | 64.1 | 64.7 | 64.8 | 66.7 |
| 80° | 51.9 | 49.5 | 50.2 | 49.8 | 49.5 | 49.2 | 48.5 | 48.9 | 49.2 | 49.5 | 50.6 |
| 82.5° | 37.5 | 37.2 | 36.6 | 36.5 | 36.1 | 35.2 | 34.9 | 35.5 | 35.8 | 35.6 | 36.4 |
| 85° | 19.1 | 18.1 | 18.8 | 18.5 | 18.8 | 18.5 | 17.4 | 17.4 | 18.1 | 17.7 | 18.5 |
| 87.5° | 7.3 | 7.2 | 6.8 | 6.9 | 6.4 | 6.5 | 6.1 | 6.2 | 6.3 | 6.2 | 6.6 |
| 90° | 7.8 | 7.6 | 6.7 | 5.7 | 4.8 | 3.9 | 3.1 | 2.4 | 1.7 | 1.0 | 0.4 |
| 92.5° | 8.5 | 8.0 | 7.4 | 6.7 | 6.0 | 5.4 | 5.1 | 5.3 | 5.4 | 5.7 | 5.9 |
| 95° | 10.3 | 9.8 | 9.0 | 8.2 | 7.5 | 6.7 | 7.8 | 10.6 | 13.5 | 16.3 | 19.3 |
| 97.5° | 10.7 | 10.2 | 15.2 | 20.2 | 25.2 | 30.3 | 33.4 | 34.8 | 36.0 | 37.4 | 38.6 |
| 100° | 11.0 | 10.4 | 21.3 | 32.3 | 43.2 | 54.1 | 58.9 | 57.4 | 56.1 | 54.7 | 53.2 |
| 102.5° | 19.0 | 20.8 | 32.6 | 44.6 | 56.5 | 68.5 | 73.9 | 72.9 | 71.9 | 70.9 | 69.9 |
| 105° | 56.6 | 69.0 | 75.3 | 81.6 | 87.9 | 94.3 | 97.0 | 96.2 | 95.4 | 94.7 | 93.9 |
| 107.5° | 117.3 | 126.4 | 125.5 | 124.5 | 123.5 | 122.5 | 121.7 | 121.1 | 120.5 | 119.8 | 119.2 |
| 110° | 139.8 | 142.1 | 141.3 | 140.5 | 139.8 | 139.0 | 138.4 | 137.8 | 137.2 | 136.7 | 136.2 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.0 | 158.0 | 157.2 | 156.5 | 155.7 | 154.9 | 154.3 | 153.7 | 153.3 | 152.8 | 152.2 |
| 115° | 181.6 | 180.8 | 180.2 | 179.6 | 179.0 | 178.3 | 177.8 | 177.4 | 177.0 | 176.6 | 176.1 |
| 117.5° | 203.6 | 203.0 | 202.8 | 202.4 | 202.1 | 201.8 | 201.3 | 200.8 | 200.3 | 199.8 | 199.3 |
| 120° | 218.0 | 217.4 | 217.2 | 217.0 | 216.8 | 216.6 | 216.2 | 215.5 | 214.9 | 214.3 | 213.7 |
| 122.5° | 232.2 | 231.8 | 231.5 | 231.2 | 231.0 | 230.7 | 230.3 | 229.8 | 229.3 | 228.8 | 228.3 |
| 125° | 252.3 | 252.1 | 251.8 | 251.6 | 251.3 | 250.9 | 250.6 | 249.9 | 249.4 | 248.9 | 248.3 |
| 127.5° | 272.0 | 271.7 | 271.4 | 271.1 | 270.7 | 270.4 | 269.9 | 269.4 | 268.9 | 268.3 | 267.7 |
| 130° | 283.8 | 283.6 | 283.3 | 283.0 | 282.8 | 282.5 | 282.0 | 281.5 | 280.9 | 280.4 | 279.8 |
| 132.5° | 295.2 | 295.0 | 294.7 | 294.5 | 294.3 | 294.0 | 293.6 | 293.1 | 292.6 | 291.9 | 291.4 |
| 135° | 312.5 | 312.3 | 312.0 | 311.7 | 311.4 | 311.1 | 310.8 | 310.4 | 310.0 | 309.5 | 309.2 |
| 137.5° | 327.7 | 327.3 | 327.2 | 327.0 | 326.9 | 326.7 | 326.4 | 325.8 | 325.3 | 324.8 | 324.2 |
| 140° | 337.4 | 337.2 | 337.0 | 336.7 | 336.5 | 336.4 | 336.0 | 335.6 | 335.2 | 334.7 | 334.3 |
| 142.5° | 346.7 | 346.5 | 346.3 | 346.1 | 345.9 | 345.6 | 345.4 | 344.9 | 344.5 | 344.1 | 343.7 |
| 145° | 359.7 | 359.5 | 359.4 | 359.3 | 359.1 | 359.0 | 358.6 | 358.2 | 357.7 | 357.2 | 356.7 |
| 147.5° | 371.2 | 371.0 | 371.0 | 370.8 | 370.7 | 370.5 | 370.2 | 370.0 | 369.6 | 369.3 | 369.0 |
| 150° | 378.3 | 378.1 | 378.0 | 377.8 | 377.7 | 377.6 | 377.4 | 377.2 | 376.9 | 376.7 | 376.6 |
| 152.5° | 384.4 | 384.1 | 384.1 | 384.0 | 383.9 | 383.9 | 383.7 | 383.6 | 383.5 | 383.4 | 383.3 |
| 155° | 393.0 | 392.6 | 392.5 | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 392.8 | 393.0 |
| 157.5° | 400.4 | 400.0 | 400.0 | 400.1 | 400.2 | 400.3 | 400.3 | 400.3 | 400.4 | 400.4 | 400.4 |
| 160° | 404.7 | 404.3 | 404.4 | 404.4 | 404.5 | 404.6 | 404.7 | 404.7 | 404.7 | 404.8 | 404.9 |
| 162.5° | 408.5 | 408.0 | 408.1 | 408.2 | 408.2 | 408.3 | 408.5 | 408.7 | 408.8 | 409.0 | 409.2 |
| 165° | 413.7 | 413.1 | 413.1 | 413.2 | 413.3 | 413.4 | 413.5 | 413.8 | 413.9 | 414.1 | 414.4 |
| 167.5° | 417.7 | 417.1 | 417.1 | 417.1 | 417.1 | 417.1 | 417.2 | 417.6 | 417.9 | 418.1 | 418.4 |
| 170° | 420.0 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 419.5 | 419.8 | 420.1 | 420.4 | 420.6 |
| 172.5° | 421.5 | 420.9 | 420.9 | 420.8 | 420.7 | 420.7 | 420.8 | 421.2 | 421.5 | 421.9 | 422.1 |
| 175° | 423.4 | 422.8 | 422.8 | 422.8 | 422.7 | 422.6 | 422.8 | 423.1 | 423.4 | 423.7 | 424.1 |
| 177.5° | 424.1 | 423.7 | 423.6 | 423.5 | 423.5 | 423.4 | 423.5 | 423.8 | 424.1 | 424.4 | 424.6 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 709.3 | 710.6 | 715.2 | 718.5 | 722.4 | 724.6 | 726.7 | 728.4 | 730.6 | 731.1 | 739.0 |
| 5° | 712.4 | 719.3 | 731.2 | 740.0 | 751.0 | 762.9 | 771.2 | 774.9 | 784.8 | 793.0 | 809.4 |
| 7.5° | 711.5 | 726.0 | 744.1 | 762.9 | 782.9 | 801.5 | 817.6 | 836.7 | 850.3 | 870.8 | 890.9 |
| 10° | 710.7 | 730.1 | 753.4 | 777.3 | 805.3 | 831.3 | 854.5 | 880.5 | 902.0 | 930.3 | 954.6 |
| 12.5° | 708.3 | 731.8 | 764.0 | 792.3 | 826.3 | 862.1 | 896.5 | 929.9 | 949.0 | 996.1 | 1018.5 |
| 15° | 702.1 | 730.1 | 770.4 | 813.5 | 860.3 | 902.7 | 946.4 | 981.1 | 1037.5 | 1078.9 | 1105.2 |
| 17.5° | 690.5 | 729.8 | 777.6 | 829.5 | 886.4 | 942.2 | 991.7 | 1044.6 | 1104.4 | 1154.3 | 1207.6 |
| 20° | 685.1 | 728.1 | 781.4 | 838.7 | 897.9 | 961.0 | 1017.4 | 1080.9 | 1146.1 | 1195.3 | 1263.6 |
| 22.5° | 675.0 | 723.7 | 781.1 | 845.1 | 908.2 | 973.6 | 1039.6 | 1103.6 | 1178.9 | 1246.7 | 1311.7 |
| 25° | 658.4 | 713.1 | 772.5 | 843.9 | 918.0 | 983.6 | 1062.5 | 1147.5 | 1226.1 | 1313.1 | 1378.0 |
| 27.5° | 641.1 | 699.5 | 759.0 | 825.4 | 905.1 | 982.9 | 1082.2 | 1178.2 | 1274.3 | 1349.5 | 1397.5 |
| 30° | 627.7 | 684.4 | 745.9 | 812.8 | 891.7 | 984.3 | 1095.3 | 1200.1 | 1293.7 | 1358.3 | 1385.2 |
| 32.5° | 613.2 | 670.7 | 725.1 | 795.3 | 879.4 | 983.5 | 1103.5 | 1212.9 | 1294.8 | 1337.7 | 1332.5 |
| 35° | 590.5 | 638.6 | 691.6 | 759.2 | 858.3 | 977.4 | 1108.2 | 1214.1 | 1264.3 | 1255.1 | 1185.4 |
| 37.5° | 557.7 | 598.2 | 650.3 | 724.3 | 833.7 | 964.8 | 1098.7 | 1178.1 | 1174.8 | 1099.7 | 998.8 |
| 40° | 537.3 | 571.7 | 621.9 | 699.8 | 814.5 | 956.6 | 1083.6 | 1135.2 | 1091.5 | 986.7 | 865.8 |
| 42.5° | 510.4 | 542.2 | 592.4 | 672.4 | 793.5 | 940.0 | 1055.0 | 1069.9 | 984.4 | 863.7 | 753.0 |
| 45° | 469.0 | 497.0 | 548.8 | 631.5 | 762.0 | 903.7 | 985.0 | 948.4 | 833.3 | 708.6 | 624.3 |
| 47.5° | 424.3 | 453.4 | 503.4 | 588.3 | 716.3 | 849.1 | 887.8 | 810.1 | 691.9 | 590.8 | 513.4 |
| 50° | 396.2 | 424.2 | 473.0 | 558.7 | 685.5 | 804.3 | 820.4 | 720.0 | 611.4 | 522.5 | 459.0 |
| 52.5° | 367.7 | 394.1 | 442.1 | 528.2 | 649.3 | 752.3 | 742.4 | 640.2 | 540.3 | 464.6 | 414.7 |
| 55° | 325.5 | 350.4 | 396.2 | 476.8 | 587.1 | 668.7 | 632.8 | 535.2 | 452.5 | 393.8 | 355.9 |
| 57.5° | 287.7 | 311.6 | 351.0 | 423.8 | 519.7 | 575.8 | 530.2 | 447.9 | 382.2 | 337.0 | 308.7 |
| 60° | 262.0 | 283.1 | 320.7 | 388.3 | 471.6 | 514.3 | 469.2 | 396.5 | 341.2 | 305.0 | 279.7 |
| 62.5° | 237.6 | 256.1 | 290.9 | 352.2 | 424.6 | 460.5 | 414.9 | 353.3 | 306.2 | 274.1 | 252.6 |
| 65° | 200.8 | 217.6 | 248.3 | 296.1 | 355.5 | 379.4 | 340.2 | 290.3 | 253.8 | 229.9 | 215.5 |
| 67.5° | 167.2 | 181.4 | 207.9 | 245.6 | 289.4 | 306.7 | 276.9 | 238.3 | 210.7 | 191.5 | 180.1 |
| 70° | 144.8 | 157.1 | 177.9 | 210.4 | 250.0 | 263.3 | 235.3 | 203.6 | 183.4 | 168.0 | 157.5 |
| 72.5° | 125.9 | 135.0 | 153.9 | 179.0 | 212.0 | 222.6 | 203.0 | 175.1 | 156.3 | 144.8 | 136.4 |
| 75° | 95.9 | 103.4 | 115.7 | 135.9 | 158.8 | 165.0 | 150.3 | 132.9 | 120.2 | 112.0 | 105.5 |
| 77.5° | 69.2 | 74.7 | 83.6 | 96.0 | 111.9 | 117.4 | 108.2 | 96.5 | 87.3 | 81.8 | 78.1 |
| 80° | 52.3 | 56.7 | 64.2 | 74.5 | 84.0 | 87.1 | 81.6 | 72.8 | 66.3 | 63.2 | 60.1 |
| 82.5° | 38.6 | 41.1 | 45.7 | 52.6 | 59.1 | 62.8 | 58.1 | 52.8 | 49.3 | 46.5 | 45.4 |
| 85° | 19.4 | 20.9 | 22.9 | 25.6 | 29.7 | 31.1 | 29.3 | 28.0 | 25.9 | 24.3 | 24.3 |
| 87.5° | 7.3 | 7.5 | 8.4 | 9.1 | 10.3 | 11.3 | 11.2 | 10.9 | 10.8 | 10.6 | 10.3 |
| 90° | 1.0 | 1.7 | 2.4 | 3.1 | 3.9 | 4.8 | 5.7 | 6.7 | 7.6 | 7.8 | 8.1 |
| 92.5° | 5.7 | 5.4 | 5.3 | 5.1 | 5.4 | 6.0 | 6.7 | 7.4 | 8.0 | 8.5 | 9.0 |
| 95° | 16.3 | 13.5 | 10.6 | 7.8 | 6.7 | 7.5 | 8.2 | 9.0 | 9.8 | 10.3 | 10.8 |
| 97.5° | 37.4 | 36.0 | 34.8 | 33.4 | 30.3 | 25.2 | 20.2 | 15.2 | 10.2 | 10.7 | 11.2 |
| 100° | 54.7 | 56.1 | 57.4 | 58.9 | 54.1 | 43.2 | 32.3 | 21.3 | 10.4 | 11.0 | 11.5 |
| 102.5° | 70.9 | 71.9 | 72.9 | 73.9 | 68.5 | 56.5 | 44.6 | 32.6 | 20.8 | 19.0 | 17.3 |
| 105° | 94.7 | 95.4 | 96.2 | 97.0 | 94.3 | 87.9 | 81.6 | 75.3 | 69.0 | 56.6 | 44.2 |
| 107.5° | 119.8 | 120.5 | 121.1 | 121.7 | 122.5 | 123.5 | 124.5 | 125.5 | 126.4 | 117.3 | 108.3 |
| 110° | 136.7 | 137.2 | 137.8 | 138.4 | 139.0 | 139.8 | 140.5 | 141.3 | 142.1 | 139.8 | 137.5 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 152.8 | 153.3 | 153.7 | 154.3 | 154.9 | 155.7 | 156.5 | 157.2 | 158.0 | 158.0 | 158.1 |
| 115° | 176.6 | 177.0 | 177.4 | 177.8 | 178.3 | 179.0 | 179.6 | 180.2 | 180.8 | 181.6 | 182.3 |
| 117.5° | 199.8 | 200.3 | 200.8 | 201.3 | 201.8 | 202.1 | 202.4 | 202.8 | 203.0 | 203.6 | 204.2 |
| 120° | 214.3 | 214.9 | 215.5 | 216.2 | 216.6 | 216.8 | 217.0 | 217.2 | 217.4 | 218.0 | 218.6 |
| 122.5° | 228.8 | 229.3 | 229.8 | 230.3 | 230.7 | 231.0 | 231.2 | 231.5 | 231.8 | 232.2 | 232.6 |
| 125° | 248.9 | 249.4 | 249.9 | 250.6 | 250.9 | 251.3 | 251.6 | 251.8 | 252.1 | 252.3 | 252.4 |
| 127.5° | 268.3 | 268.9 | 269.4 | 269.9 | 270.4 | 270.7 | 271.1 | 271.4 | 271.7 | 272.0 | 272.2 |
| 130° | 280.4 | 280.9 | 281.5 | 282.0 | 282.5 | 282.8 | 283.0 | 283.3 | 283.6 | 283.8 | 284.2 |
| 132.5° | 291.9 | 292.6 | 293.1 | 293.6 | 294.0 | 294.3 | 294.5 | 294.7 | 295.0 | 295.2 | 295.5 |
| 135° | 309.5 | 310.0 | 310.4 | 310.8 | 311.1 | 311.4 | 311.7 | 312.0 | 312.3 | 312.5 | 312.7 |
| 137.5° | 324.8 | 325.3 | 325.8 | 326.4 | 326.7 | 326.9 | 327.0 | 327.2 | 327.3 | 327.7 | 328.0 |
| 140° | 334.7 | 335.2 | 335.6 | 336.0 | 336.4 | 336.5 | 336.7 | 337.0 | 337.2 | 337.4 | 337.7 |
| 142.5° | 344.1 | 344.5 | 344.9 | 345.4 | 345.6 | 345.9 | 346.1 | 346.3 | 346.5 | 346.7 | 347.0 |
| 145° | 357.2 | 357.7 | 358.2 | 358.6 | 359.0 | 359.1 | 359.3 | 359.4 | 359.5 | 359.7 | 359.8 |
| 147.5° | 369.3 | 369.6 | 370.0 | 370.2 | 370.5 | 370.7 | 370.8 | 371.0 | 371.0 | 371.2 | 371.3 |
| 150° | 376.7 | 376.9 | 377.2 | 377.4 | 377.6 | 377.7 | 377.8 | 378.0 | 378.1 | 378.3 | 378.4 |
| 152.5° | 383.4 | 383.5 | 383.6 | 383.7 | 383.9 | 383.9 | 384.0 | 384.1 | 384.1 | 384.4 | 384.7 |
| 155° | 392.8 | 392.6 | 392.5 | 392.4 | 392.4 | 392.4 | 392.4 | 392.5 | 392.6 | 393.0 | 393.3 |
| 157.5° | 400.4 | 400.4 | 400.3 | 400.3 | 400.3 | 400.2 | 400.1 | 400.0 | 400.0 | 400.4 | 400.8 |
| 160° | 404.8 | 404.7 | 404.7 | 404.7 | 404.6 | 404.5 | 404.4 | 404.4 | 404.3 | 404.7 | 405.1 |
| 162.5° | 409.0 | 408.8 | 408.7 | 408.5 | 408.3 | 408.2 | 408.2 | 408.1 | 408.0 | 408.5 | 409.0 |
| 165° | 414.1 | 413.9 | 413.8 | 413.5 | 413.4 | 413.3 | 413.2 | 413.1 | 413.1 | 413.7 | 414.2 |
| 167.5° | 418.1 | 417.9 | 417.6 | 417.2 | 417.1 | 417.1 | 417.1 | 417.1 | 417.1 | 417.7 | 418.2 |
| 170° | 420.4 | 420.1 | 419.8 | 419.5 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 420.0 | 420.5 |
| 172.5° | 421.9 | 421.5 | 421.2 | 420.8 | 420.7 | 420.7 | 420.8 | 420.9 | 420.9 | 421.5 | 422.0 |
| 175° | 423.7 | 423.4 | 423.1 | 422.8 | 422.6 | 422.7 | 422.8 | 422.8 | 422.8 | 423.4 | 423.8 |
| 177.5° | 424.4 | 424.1 | 423.8 | 423.5 | 423.4 | 423.5 | 423.5 | 423.6 | 423.7 | 424.1 | 424.5 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 | 704.9 |
| 2.5° | 741.8 | 742.1 | 745.0 | 747.3 | 746.2 | 747.5 | 748.1 |
| 5° | 810.4 | 822.7 | 829.2 | 834.0 | 834.4 | 834.6 | 837.4 |
| 7.5° | 907.8 | 921.0 | 930.6 | 945.2 | 949.6 | 954.6 | 953.1 |
| 10° | 978.8 | 998.3 | 1015.0 | 1023.9 | 1033.4 | 1047.4 | 1036.2 |
| 12.5° | 1045.2 | 1079.7 | 1105.2 | 1118.9 | 1128.0 | 1130.8 | 1125.2 |
| 15° | 1154.7 | 1199.8 | 1224.1 | 1223.3 | 1254.1 | 1267.4 | 1246.5 |
| 17.5° | 1255.1 | 1296.7 | 1330.0 | 1347.1 | 1372.7 | 1378.4 | 1375.8 |
| 20° | 1316.5 | 1362.0 | 1387.9 | 1417.3 | 1430.7 | 1442.6 | 1444.7 |
| 22.5° | 1369.6 | 1410.3 | 1438.2 | 1462.7 | 1473.8 | 1479.4 | 1482.9 |
| 25° | 1424.2 | 1456.3 | 1473.0 | 1481.5 | 1484.6 | 1483.9 | 1479.4 |
| 27.5° | 1420.4 | 1422.8 | 1404.4 | 1386.3 | 1370.1 | 1351.8 | 1345.6 |
| 30° | 1383.5 | 1354.8 | 1303.6 | 1274.5 | 1231.9 | 1198.0 | 1211.7 |
| 32.5° | 1286.5 | 1229.4 | 1171.9 | 1108.4 | 1055.9 | 1041.0 | 1025.9 |
| 35° | 1098.0 | 997.6 | 938.9 | 870.6 | 843.2 | 815.9 | 797.1 |
| 37.5° | 888.3 | 810.7 | 740.9 | 696.2 | 668.9 | 651.7 | 642.3 |
| 40° | 768.1 | 698.0 | 640.7 | 604.5 | 583.6 | 564.2 | 561.4 |
| 42.5° | 672.2 | 607.1 | 563.9 | 535.1 | 515.1 | 506.8 | 500.8 |
| 45° | 550.5 | 505.1 | 476.1 | 455.6 | 442.3 | 437.1 | 430.3 |
| 47.5° | 466.0 | 433.9 | 412.1 | 398.1 | 388.1 | 384.2 | 383.7 |
| 50° | 418.7 | 392.1 | 376.0 | 365.1 | 357.2 | 355.9 | 350.4 |
| 52.5° | 383.2 | 360.1 | 347.6 | 338.0 | 332.3 | 328.5 | 326.9 |
| 55° | 332.6 | 317.3 | 306.0 | 300.5 | 296.1 | 292.3 | 292.3 |
| 57.5° | 291.1 | 278.2 | 270.7 | 266.1 | 264.7 | 262.1 | 260.4 |
| 60° | 265.4 | 254.4 | 248.6 | 244.5 | 241.8 | 242.1 | 239.1 |
| 62.5° | 240.2 | 233.1 | 227.6 | 223.5 | 220.3 | 220.3 | 220.5 |
| 65° | 204.6 | 199.1 | 195.0 | 193.7 | 191.6 | 189.2 | 189.8 |
| 67.5° | 173.3 | 168.3 | 165.1 | 162.7 | 162.0 | 160.7 | 162.7 |
| 70° | 151.0 | 147.2 | 144.8 | 142.8 | 142.0 | 142.4 | 144.1 |
| 72.5° | 130.5 | 127.8 | 126.3 | 125.3 | 123.8 | 123.9 | 125.0 |
| 75° | 102.5 | 100.4 | 99.1 | 98.0 | 97.6 | 97.6 | 97.6 |
| 77.5° | 75.3 | 74.8 | 74.2 | 72.7 | 72.8 | 73.1 | 73.2 |
| 80° | 59.4 | 58.4 | 58.1 | 57.3 | 56.4 | 55.6 | 57.3 |
| 82.5° | 44.4 | 43.3 | 43.1 | 42.9 | 41.3 | 41.2 | 42.6 |
| 85° | 23.9 | 22.9 | 23.2 | 22.9 | 22.9 | 22.6 | 22.6 |
| 87.5° | 10.2 | 9.9 | 9.7 | 10.0 | 9.7 | 9.5 | 10.1 |
| 90° | 8.4 | 8.6 | 8.9 | 9.0 | 9.2 | 9.3 | 9.5 |
| 92.5° | 9.5 | 9.9 | 10.2 | 10.2 | 10.3 | 10.3 | 10.4 |
| 95° | 11.2 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 |
| 97.5° | 11.9 | 12.4 | 12.7 | 12.8 | 12.8 | 12.9 | 13.0 |
| 100° | 12.0 | 12.7 | 12.9 | 13.0 | 13.1 | 13.2 | 13.2 |
| 102.5° | 15.5 | 13.8 | 13.0 | 13.1 | 13.2 | 13.4 | 13.5 |
| 105° | 31.8 | 19.4 | 13.3 | 13.5 | 13.6 | 13.7 | 13.8 |
| 107.5° | 99.2 | 90.2 | 80.9 | 71.6 | 62.2 | 52.9 | 43.5 |
| 110° | 135.2 | 132.9 | 126.7 | 116.7 | 106.6 | 96.7 | 86.7 |



TEST NUMBER: P331910-940

CATALOG NUMBER: S123DIP-S560D365U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 158.1 | 158.2 | 157.1 | 155.0 | 152.9 | 150.8 | 148.6 |
| 115° | 183.0 | 183.7 | 184.1 | 184.4 | 184.8 | 185.0 | 185.3 |
| 117.5° | 204.7 | 205.3 | 205.6 | 205.6 | 205.7 | 205.8 | 205.8 |
| 120° | 219.1 | 219.6 | 220.0 | 220.0 | 220.0 | 220.0 | 220.0 |
| 122.5° | 233.0 | 233.4 | 233.5 | 233.6 | 233.7 | 233.7 | 233.8 |
| 125° | 252.5 | 252.6 | 252.8 | 252.9 | 253.1 | 253.2 | 253.3 |
| 127.5° | 272.4 | 272.7 | 272.7 | 272.5 | 272.4 | 272.2 | 272.2 |
| 130° | 284.5 | 284.7 | 284.8 | 284.6 | 284.5 | 284.4 | 284.2 |
| 132.5° | 295.8 | 296.0 | 296.1 | 295.9 | 295.7 | 295.5 | 295.3 |
| 135° | 312.9 | 313.1 | 313.1 | 312.9 | 312.7 | 312.5 | 312.3 |
| 137.5° | 328.3 | 328.7 | 328.8 | 328.6 | 328.5 | 328.3 | 328.2 |
| 140° | 338.0 | 338.3 | 338.3 | 338.2 | 338.0 | 338.0 | 337.8 |
| 142.5° | 347.1 | 347.4 | 347.4 | 347.2 | 347.0 | 346.8 | 346.6 |
| 145° | 360.0 | 360.1 | 360.2 | 360.2 | 360.2 | 360.2 | 360.2 |
| 147.5° | 371.5 | 371.7 | 371.6 | 371.2 | 370.9 | 370.6 | 370.2 |
| 150° | 378.5 | 378.7 | 378.6 | 378.4 | 378.3 | 378.0 | 377.8 |
| 152.5° | 385.0 | 385.2 | 385.1 | 384.9 | 384.5 | 384.1 | 383.9 |
| 155° | 393.7 | 394.0 | 394.0 | 393.6 | 393.2 | 392.7 | 392.3 |
| 157.5° | 401.3 | 401.7 | 401.6 | 401.1 | 400.6 | 399.9 | 399.4 |
| 160° | 405.6 | 406.0 | 405.9 | 405.5 | 404.9 | 404.5 | 403.9 |
| 162.5° | 409.5 | 409.9 | 410.0 | 409.6 | 409.1 | 408.7 | 408.2 |
| 165° | 414.8 | 415.4 | 415.4 | 414.9 | 414.4 | 413.9 | 413.4 |
| 167.5° | 418.8 | 419.4 | 419.4 | 418.8 | 418.2 | 417.7 | 417.1 |
| 170° | 421.1 | 421.6 | 421.6 | 421.1 | 420.5 | 420.0 | 419.4 |
| 172.5° | 422.6 | 423.1 | 423.1 | 422.5 | 421.9 | 421.2 | 420.6 |
| 175° | 424.4 | 424.8 | 424.8 | 424.3 | 423.7 | 423.1 | 422.6 |
| 177.5° | 425.0 | 425.4 | 425.3 | 424.8 | 424.3 | 423.7 | 423.1 |
| 180° | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 | 424.1 |

(END OF REPORT)