

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: P332537-830

Luminaire Tested: **S124DIP-S575D365U830-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332537-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIP-S575D365U830-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3676.6 lumens
Efficiency: N/A
Efficacy: 133.7 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

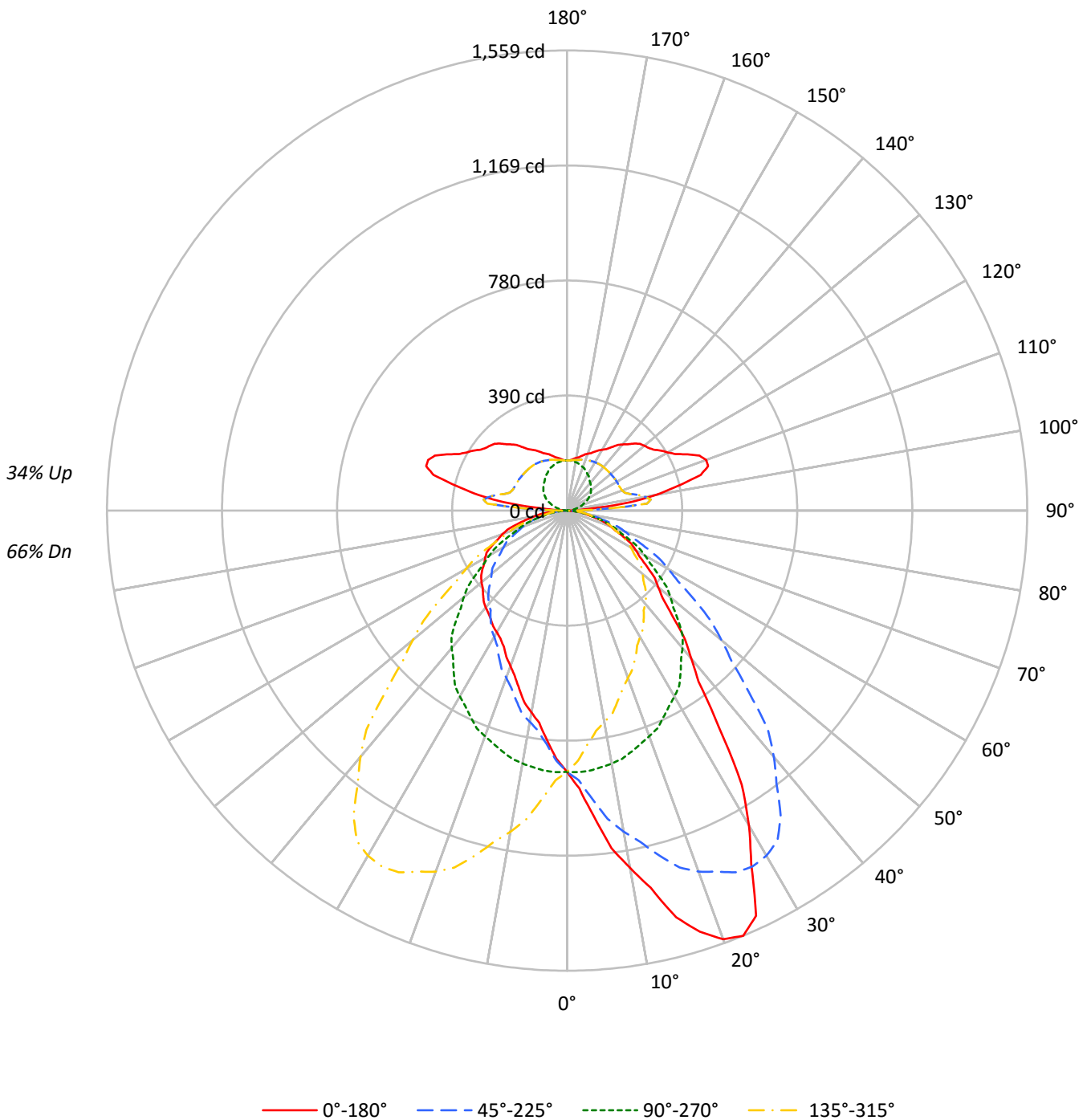
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

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 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 | 66 |
| 1 | 102 | 97 | 94 | 90 | 96 | 92 | 89 | 85 | 82 | 79 | 77 | 72 | 70 | 68 | 63 | 62 | 61 | 57 |
| 2 | 93 | 85 | 79 | 74 | 87 | 81 | 75 | 71 | 72 | 68 | 64 | 64 | 61 | 58 | 56 | 54 | 52 | 48 |
| 3 | 85 | 75 | 68 | 62 | 80 | 71 | 65 | 59 | 64 | 59 | 54 | 57 | 53 | 49 | 50 | 47 | 44 | 41 |
| 4 | 78 | 67 | 59 | 53 | 73 | 64 | 56 | 51 | 57 | 51 | 47 | 51 | 46 | 42 | 45 | 41 | 38 | 35 |
| 5 | 72 | 60 | 52 | 46 | 67 | 57 | 49 | 44 | 51 | 45 | 40 | 46 | 41 | 37 | 41 | 37 | 34 | 31 |
| 6 | 66 | 54 | 46 | 40 | 62 | 51 | 44 | 38 | 46 | 40 | 35 | 41 | 36 | 33 | 37 | 33 | 30 | 27 |
| 7 | 61 | 49 | 41 | 35 | 58 | 47 | 39 | 34 | 42 | 36 | 31 | 38 | 33 | 29 | 34 | 30 | 27 | 24 |
| 8 | 57 | 45 | 37 | 31 | 54 | 42 | 35 | 30 | 38 | 32 | 28 | 35 | 30 | 26 | 31 | 27 | 24 | 22 |
| 9 | 53 | 41 | 33 | 28 | 50 | 39 | 32 | 27 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 22 | 20 |
| 10 | 50 | 38 | 30 | 25 | 47 | 36 | 29 | 24 | 33 | 27 | 23 | 30 | 25 | 21 | 27 | 23 | 20 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7146 | 7146 | 7146 | 7146 |
| 5° | 8417 | 7165 | 6324 | 7165 |
| 10° | 10077 | 7133 | 5694 | 7133 |
| 15° | 11922 | 7061 | 5229 | 7061 |
| 20° | 13277 | 6988 | 4814 | 6988 |
| 25° | 13491 | 6879 | 4528 | 6879 |
| 30° | 11479 | 6776 | 4437 | 6776 |
| 35° | 8825 | 6606 | 4438 | 6606 |
| 40° | 6880 | 6407 | 4521 | 6407 |
| 45° | 5736 | 6109 | 4598 | 6109 |
| 50° | 5048 | 5743 | 4752 | 5743 |
| 55° | 4625 | 5306 | 4944 | 5306 |
| 60° | 4334 | 4913 | 5176 | 4913 |
| 65° | 4034 | 4476 | 5366 | 4476 |
| 70° | 3687 | 4043 | 5488 | 4043 |
| 75° | 3297 | 3556 | 5421 | 3556 |
| 80° | 2762 | 2915 | 5249 | 2915 |
| 85° | 2038 | 2103 | 5030 | 2103 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 86.2 | 2.3 |
| 10°-20° | 265.8 | 7.2 |
| 20°-30° | 421.5 | 11.5 |
| 30°-40° | 469.1 | 12.8 |
| 40°-50° | 427.0 | 11.6 |
| 50°-60° | 349.0 | 9.5 |
| 60°-70° | 249.1 | 6.8 |
| 70°-80° | 137.2 | 3.7 |
| 80°-90° | 38.4 | 1.0 |
| 90°-100° | 122.5 | 3.3 |
| 100°-110° | 254.9 | 6.9 |
| 110°-120° | 228.3 | 6.2 |
| 120°-130° | 192.0 | 5.2 |
| 130°-140° | 160.1 | 4.4 |
| 140°-150° | 122.3 | 3.3 |
| 150°-160° | 86.0 | 2.3 |
| 160°-170° | 50.6 | 1.4 |
| 170°-180° | 16.5 | 0.4 |
| 0°-30° | 773.6 | 21.0 |
| 0°-40° | 1242.8 | 33.8 |
| 0°-60° | 2018.8 | 54.9 |
| 0°-90° | 2443.4 | 66.5 |
| 90°-120° | 605.7 | 16.5 |
| 90°-150° | 1080.2 | 29.4 |
| 90°-180° | 1233.0 | 33.5 |
| 0°-180° | 3676.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 885 | 885 | 885 | 885 | 885 | |
| 5° | 1039 | 884 | 780 | 884 | 1039 | 106 |
| 15° | 1426 | 845 | 626 | 845 | 1426 | 403 |
| 25° | 1515 | 772 | 508 | 772 | 1515 | 668 |
| 35° | 896 | 670 | 450 | 670 | 896 | 568 |
| 45° | 502 | 535 | 403 | 535 | 502 | 396 |
| 55° | 329 | 377 | 351 | 377 | 329 | 297 |
| 65° | 211 | 234 | 281 | 234 | 211 | 209 |
| 75° | 106 | 114 | 174 | 114 | 106 | 112 |
| 85° | 22 | 23 | 54 | 23 | 22 | 27 |
| 90° | 7 | 0 | 7 | 0 | 7 | 6 |
| 95° | 81 | 11 | 81 | 11 | 81 | 126 |
| 105° | 469 | 39 | 469 | 39 | 469 | 463 |
| 115° | 450 | 69 | 450 | 69 | 450 | 447 |
| 125° | 359 | 96 | 359 | 96 | 359 | 326 |
| 135° | 321 | 114 | 321 | 114 | 321 | 248 |
| 145° | 262 | 131 | 262 | 131 | 262 | 166 |
| 155° | 220 | 149 | 220 | 149 | 220 | 102 |
| 165° | 192 | 162 | 192 | 162 | 192 | 55 |
| 175° | 173 | 169 | 173 | 169 | 173 | 17 |
| 180° | 170 | 170 | 170 | 170 | 170 | |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 942.2 | 941.9 | 939.0 | 938.4 | 936.3 | 933.7 | 933.1 | 928.4 | 919.0 | 914.6 | 913.4 |
| 5° | 1038.6 | 1045.9 | 1036.3 | 1034.5 | 1033.4 | 1021.3 | 1015.1 | 1007.8 | 990.9 | 981.0 | 973.3 |
| 7.5° | 1153.6 | 1154.4 | 1150.3 | 1146.9 | 1137.6 | 1127.0 | 1111.2 | 1094.3 | 1074.2 | 1053.3 | 1037.6 |
| 10° | 1229.3 | 1232.2 | 1227.5 | 1226.7 | 1208.0 | 1196.3 | 1172.8 | 1153.0 | 1130.2 | 1104.9 | 1081.9 |
| 12.5° | 1309.1 | 1305.0 | 1302.5 | 1286.9 | 1283.4 | 1262.0 | 1234.7 | 1214.3 | 1179.2 | 1150.1 | 1119.4 |
| 15° | 1426.5 | 1418.5 | 1413.3 | 1391.8 | 1381.1 | 1351.4 | 1322.4 | 1300.0 | 1254.2 | 1210.6 | 1177.5 |
| 17.5° | 1495.5 | 1503.5 | 1491.7 | 1482.8 | 1455.3 | 1434.5 | 1404.9 | 1357.9 | 1322.0 | 1267.8 | 1226.2 |
| 20° | 1545.4 | 1546.1 | 1539.5 | 1530.3 | 1508.7 | 1482.3 | 1450.0 | 1398.7 | 1355.8 | 1301.8 | 1244.6 |
| 22.5° | 1558.9 | 1559.1 | 1556.2 | 1547.7 | 1531.3 | 1509.9 | 1477.3 | 1434.5 | 1382.5 | 1323.9 | 1266.7 |
| 25° | 1514.6 | 1513.2 | 1516.5 | 1526.0 | 1519.8 | 1513.2 | 1494.4 | 1462.5 | 1414.1 | 1352.1 | 1290.5 |
| 27.5° | 1350.0 | 1360.1 | 1378.8 | 1402.2 | 1424.8 | 1442.0 | 1446.9 | 1440.4 | 1410.3 | 1359.3 | 1294.9 |
| 30° | 1231.4 | 1244.0 | 1257.8 | 1281.4 | 1326.8 | 1352.8 | 1381.5 | 1403.1 | 1391.0 | 1350.3 | 1290.2 |
| 32.5° | 1101.2 | 1104.3 | 1124.9 | 1151.7 | 1193.4 | 1243.4 | 1288.7 | 1332.7 | 1347.3 | 1326.0 | 1275.7 |
| 35° | 895.5 | 900.7 | 923.0 | 949.4 | 1000.4 | 1061.7 | 1129.9 | 1190.7 | 1241.0 | 1261.2 | 1235.5 |
| 37.5° | 730.8 | 745.6 | 761.3 | 789.7 | 834.6 | 889.8 | 960.6 | 1039.3 | 1114.3 | 1164.4 | 1172.9 |
| 40° | 652.8 | 661.9 | 673.4 | 694.9 | 733.1 | 787.4 | 848.2 | 938.5 | 1018.0 | 1090.0 | 1113.4 |
| 42.5° | 591.2 | 596.5 | 603.5 | 623.0 | 652.1 | 706.1 | 761.7 | 841.0 | 921.0 | 1006.9 | 1046.2 |
| 45° | 502.4 | 507.9 | 519.6 | 531.0 | 553.0 | 590.4 | 642.2 | 707.4 | 787.7 | 870.6 | 943.2 |
| 47.5° | 438.3 | 441.9 | 448.8 | 461.0 | 479.7 | 504.4 | 546.4 | 600.9 | 675.3 | 755.8 | 833.2 |
| 50° | 401.9 | 404.8 | 410.4 | 421.4 | 435.6 | 457.7 | 492.1 | 543.1 | 601.4 | 682.5 | 758.4 |
| 52.5° | 373.2 | 374.4 | 378.4 | 385.9 | 397.3 | 415.8 | 444.0 | 486.2 | 540.5 | 612.7 | 688.2 |
| 55° | 328.6 | 330.1 | 333.8 | 339.2 | 349.1 | 360.9 | 382.5 | 414.1 | 461.4 | 524.1 | 589.7 |
| 57.5° | 291.9 | 292.9 | 296.1 | 298.1 | 306.3 | 315.8 | 332.4 | 355.0 | 390.9 | 444.0 | 502.7 |
| 60° | 268.4 | 267.7 | 271.4 | 273.2 | 278.7 | 286.8 | 299.6 | 321.2 | 352.4 | 395.3 | 449.2 |
| 62.5° | 245.5 | 244.5 | 247.6 | 250.1 | 253.2 | 260.0 | 270.6 | 287.5 | 312.8 | 351.7 | 398.2 |
| 65° | 211.2 | 209.8 | 211.6 | 214.5 | 217.4 | 221.1 | 228.8 | 243.8 | 264.0 | 291.9 | 327.4 |
| 67.5° | 176.7 | 178.3 | 178.6 | 180.0 | 181.7 | 186.7 | 192.0 | 202.6 | 216.9 | 239.2 | 269.3 |
| 70° | 156.2 | 156.6 | 158.1 | 158.1 | 159.2 | 163.5 | 168.0 | 174.2 | 188.1 | 208.7 | 233.3 |
| 72.5° | 135.7 | 137.2 | 136.7 | 137.8 | 138.6 | 141.6 | 144.8 | 150.7 | 162.6 | 177.9 | 198.6 |
| 75° | 105.7 | 106.7 | 106.7 | 107.1 | 108.2 | 109.2 | 111.9 | 116.2 | 124.7 | 136.0 | 150.3 |
| 77.5° | 77.0 | 77.2 | 77.7 | 79.0 | 79.0 | 80.8 | 82.7 | 86.1 | 90.4 | 98.1 | 106.9 |
| 80° | 59.4 | 60.1 | 59.8 | 60.5 | 60.5 | 62.0 | 62.7 | 67.1 | 68.9 | 74.1 | 81.1 |
| 82.5° | 43.5 | 44.3 | 44.2 | 45.2 | 45.8 | 46.1 | 47.1 | 48.9 | 50.7 | 55.3 | 58.2 |
| 85° | 22.0 | 22.7 | 22.0 | 22.7 | 23.8 | 24.2 | 25.3 | 25.6 | 27.1 | 28.3 | 30.8 |
| 87.5° | 7.8 | 8.8 | 8.8 | 9.0 | 9.5 | 9.8 | 10.1 | 9.7 | 10.8 | 11.2 | 12.3 |
| 90° | 7.0 | 7.0 | 7.4 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 | 5.7 | 6.0 | 5.4 |
| 92.5° | 25.6 | 25.6 | 26.8 | 28.6 | 32.5 | 39.2 | 49.2 | 65.4 | 88.0 | 105.7 | 92.5 |
| 95° | 81.2 | 85.6 | 91.6 | 101.9 | 118.3 | 150.5 | 195.2 | 246.9 | 279.2 | 271.5 | 204.9 |
| 97.5° | 217.3 | 224.2 | 234.2 | 254.2 | 278.1 | 312.9 | 345.5 | 364.7 | 350.7 | 286.0 | 191.7 |
| 100° | 305.5 | 308.1 | 318.1 | 338.5 | 367.4 | 392.1 | 408.4 | 401.7 | 353.1 | 267.9 | 173.9 |
| 102.5° | 382.2 | 384.4 | 394.9 | 409.6 | 427.3 | 437.6 | 432.9 | 399.9 | 333.1 | 245.2 | 161.9 |
| 105° | 468.7 | 470.7 | 475.3 | 478.1 | 477.4 | 463.7 | 430.7 | 373.1 | 296.8 | 218.5 | 151.6 |
| 107.5° | 500.8 | 499.9 | 496.6 | 489.0 | 472.6 | 442.8 | 396.4 | 335.1 | 267.5 | 203.6 | 149.7 |
| 110° | 501.3 | 498.3 | 492.4 | 478.3 | 454.7 | 418.1 | 369.8 | 312.2 | 252.9 | 198.5 | 150.2 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 485.6 | 480.8 | 472.4 | 455.4 | 428.6 | 391.9 | 346.3 | 295.3 | 244.6 | 196.1 | 151.8 |
| 115° | 450.1 | 447.4 | 436.7 | 416.7 | 390.4 | 358.4 | 319.4 | 278.5 | 236.9 | 194.9 | 154.9 |
| 117.5° | 414.0 | 411.9 | 401.1 | 384.4 | 361.9 | 334.8 | 304.2 | 270.2 | 233.4 | 194.5 | 158.2 |
| 120° | 393.8 | 390.1 | 381.4 | 366.7 | 347.8 | 324.1 | 297.5 | 266.5 | 231.5 | 194.5 | 160.6 |
| 122.5° | 377.8 | 374.1 | 366.7 | 354.2 | 338.2 | 317.4 | 293.2 | 263.3 | 229.4 | 194.3 | 163.0 |
| 125° | 359.1 | 357.1 | 350.8 | 341.1 | 327.8 | 309.4 | 286.4 | 257.9 | 225.8 | 193.9 | 166.5 |
| 127.5° | 348.2 | 346.2 | 340.8 | 332.2 | 318.9 | 301.5 | 278.5 | 251.2 | 221.1 | 193.1 | 169.5 |
| 130° | 341.8 | 339.8 | 334.4 | 326.1 | 312.5 | 294.8 | 272.2 | 245.8 | 218.2 | 192.8 | 171.5 |
| 132.5° | 334.6 | 332.6 | 327.5 | 318.1 | 304.7 | 287.1 | 264.9 | 240.3 | 215.6 | 192.7 | 173.4 |
| 135° | 321.1 | 319.1 | 313.8 | 304.4 | 291.2 | 274.5 | 254.2 | 232.5 | 211.5 | 192.2 | 176.3 |
| 137.5° | 304.4 | 302.1 | 297.7 | 288.5 | 276.0 | 261.0 | 243.8 | 225.6 | 208.1 | 192.2 | 177.9 |
| 140° | 292.5 | 289.8 | 285.1 | 277.9 | 266.2 | 252.1 | 237.1 | 221.5 | 206.2 | 191.9 | 179.2 |
| 142.5° | 279.7 | 277.9 | 273.7 | 266.9 | 256.6 | 244.4 | 231.6 | 217.8 | 204.6 | 191.9 | 180.3 |
| 145° | 262.1 | 260.5 | 257.1 | 251.5 | 243.2 | 233.8 | 223.9 | 212.5 | 201.9 | 191.2 | 180.9 |
| 147.5° | 246.7 | 246.0 | 243.6 | 238.7 | 232.5 | 225.2 | 217.2 | 208.2 | 199.4 | 190.0 | 181.3 |
| 150° | 237.8 | 237.5 | 235.5 | 231.2 | 225.8 | 219.9 | 213.2 | 205.6 | 197.6 | 189.2 | 181.3 |
| 152.5° | 229.9 | 229.5 | 228.3 | 224.8 | 220.3 | 215.4 | 209.2 | 202.6 | 195.4 | 187.8 | 180.7 |
| 155° | 219.5 | 219.5 | 218.5 | 215.8 | 212.5 | 208.5 | 203.5 | 198.2 | 192.2 | 185.9 | 179.9 |
| 157.5° | 210.5 | 210.5 | 209.9 | 207.8 | 205.4 | 202.2 | 197.9 | 193.5 | 189.0 | 183.8 | 179.0 |
| 160° | 204.9 | 204.9 | 204.5 | 202.6 | 200.6 | 197.8 | 194.2 | 190.6 | 186.5 | 182.2 | 178.2 |
| 162.5° | 199.5 | 199.8 | 199.4 | 197.5 | 196.0 | 193.6 | 190.8 | 187.7 | 184.5 | 180.6 | 177.4 |
| 165° | 191.5 | 191.9 | 192.2 | 190.9 | 189.5 | 187.8 | 185.6 | 183.5 | 180.9 | 178.2 | 175.9 |
| 167.5° | 185.2 | 185.5 | 185.6 | 184.6 | 184.0 | 183.0 | 181.2 | 179.6 | 177.7 | 175.8 | 174.3 |
| 170° | 181.3 | 181.3 | 181.5 | 181.3 | 180.6 | 179.6 | 178.2 | 177.2 | 175.6 | 174.2 | 173.2 |
| 172.5° | 177.2 | 177.8 | 178.0 | 177.8 | 177.4 | 176.6 | 175.8 | 175.1 | 173.7 | 172.6 | 172.2 |
| 175° | 172.6 | 173.2 | 173.9 | 173.2 | 173.2 | 173.2 | 172.6 | 172.2 | 171.5 | 170.9 | 170.9 |
| 177.5° | 169.8 | 170.3 | 170.9 | 170.6 | 170.9 | 170.6 | 170.6 | 170.3 | 170.1 | 169.8 | 169.8 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 913.7 | 909.6 | 906.7 | 904.4 | 897.9 | 894.1 | 891.2 | 887.0 | 882.3 | 877.3 | 871.2 |
| 5° | 965.6 | 953.1 | 944.0 | 930.0 | 916.8 | 905.8 | 894.5 | 884.2 | 871.7 | 858.2 | 848.2 |
| 7.5° | 1020.1 | 1001.5 | 977.8 | 957.2 | 934.0 | 913.8 | 895.8 | 877.3 | 858.1 | 839.4 | 822.4 |
| 10° | 1054.7 | 1030.9 | 1004.5 | 973.3 | 944.0 | 917.9 | 893.7 | 870.2 | 847.5 | 824.7 | 805.3 |
| 12.5° | 1091.9 | 1062.2 | 1023.2 | 986.7 | 953.9 | 919.1 | 889.9 | 861.1 | 833.7 | 809.8 | 787.1 |
| 15° | 1142.0 | 1099.1 | 1054.0 | 1005.2 | 962.0 | 921.2 | 881.3 | 844.9 | 814.2 | 782.6 | 760.6 |
| 17.5° | 1172.7 | 1119.6 | 1068.1 | 1017.1 | 964.7 | 913.3 | 870.2 | 828.4 | 789.8 | 758.5 | 730.8 |
| 20° | 1193.0 | 1140.2 | 1076.0 | 1025.0 | 962.6 | 909.8 | 860.0 | 813.4 | 773.1 | 739.7 | 711.1 |
| 22.5° | 1210.6 | 1149.5 | 1085.3 | 1018.2 | 956.2 | 900.1 | 845.6 | 798.7 | 757.5 | 722.4 | 694.9 |
| 25° | 1220.1 | 1150.1 | 1080.3 | 1013.6 | 943.2 | 876.8 | 827.4 | 772.3 | 728.3 | 691.3 | 661.9 |
| 27.5° | 1221.2 | 1146.2 | 1067.4 | 993.3 | 920.6 | 858.8 | 796.3 | 747.1 | 701.4 | 662.2 | 634.0 |
| 30° | 1217.9 | 1139.8 | 1055.1 | 974.8 | 901.8 | 834.6 | 780.4 | 726.9 | 680.2 | 641.4 | 612.1 |
| 32.5° | 1207.6 | 1126.2 | 1039.2 | 954.2 | 878.6 | 812.9 | 757.0 | 706.1 | 660.6 | 622.4 | 591.5 |
| 35° | 1177.9 | 1097.6 | 1004.8 | 916.4 | 839.1 | 772.7 | 722.1 | 670.3 | 624.9 | 588.6 | 558.9 |
| 37.5° | 1131.5 | 1058.9 | 964.6 | 873.1 | 797.1 | 730.5 | 680.2 | 633.6 | 592.6 | 555.6 | 525.2 |
| 40° | 1091.0 | 1027.2 | 932.6 | 843.5 | 761.3 | 697.9 | 650.9 | 608.0 | 567.3 | 532.4 | 503.5 |
| 42.5° | 1044.3 | 988.7 | 901.4 | 807.1 | 727.8 | 664.1 | 618.4 | 579.9 | 541.5 | 509.3 | 480.3 |
| 45° | 961.2 | 924.5 | 842.4 | 755.1 | 672.6 | 612.5 | 568.8 | 535.1 | 502.8 | 471.3 | 447.0 |
| 47.5° | 865.5 | 847.3 | 778.2 | 695.3 | 617.0 | 557.7 | 519.9 | 488.7 | 460.4 | 433.7 | 412.4 |
| 50° | 801.3 | 792.5 | 732.7 | 652.8 | 578.0 | 522.3 | 484.1 | 457.3 | 433.1 | 409.6 | 389.5 |
| 52.5° | 737.9 | 737.6 | 683.7 | 610.5 | 541.3 | 487.6 | 449.8 | 424.7 | 403.8 | 384.7 | 366.6 |
| 55° | 641.0 | 651.3 | 609.2 | 543.8 | 481.9 | 433.5 | 399.4 | 377.0 | 362.3 | 346.6 | 333.0 |
| 57.5° | 552.0 | 569.1 | 534.3 | 476.8 | 425.1 | 380.5 | 350.8 | 334.0 | 318.4 | 308.9 | 299.0 |
| 60° | 494.0 | 510.1 | 483.0 | 434.6 | 385.8 | 347.6 | 319.4 | 304.3 | 290.8 | 284.2 | 277.2 |
| 62.5° | 442.3 | 456.8 | 436.6 | 391.7 | 349.4 | 312.7 | 288.9 | 274.5 | 265.3 | 258.1 | 253.4 |
| 65° | 368.5 | 380.7 | 363.4 | 330.8 | 294.5 | 265.1 | 245.7 | 234.3 | 225.6 | 222.6 | 217.4 |
| 67.5° | 297.9 | 309.0 | 299.6 | 271.9 | 242.8 | 220.6 | 205.4 | 194.4 | 189.3 | 186.6 | 183.0 |
| 70° | 256.0 | 267.0 | 257.0 | 232.9 | 210.5 | 191.8 | 177.5 | 171.3 | 165.8 | 164.7 | 159.6 |
| 72.5° | 220.5 | 228.0 | 218.0 | 199.2 | 180.0 | 164.2 | 153.2 | 146.7 | 143.7 | 141.8 | 139.0 |
| 75° | 165.4 | 172.0 | 165.4 | 150.7 | 137.1 | 126.1 | 116.6 | 114.0 | 110.7 | 109.6 | 107.8 |
| 77.5° | 117.1 | 122.8 | 117.7 | 108.6 | 98.4 | 89.9 | 84.8 | 81.5 | 80.8 | 78.9 | 79.7 |
| 80° | 89.4 | 93.1 | 88.4 | 82.2 | 74.1 | 68.2 | 64.6 | 62.7 | 60.5 | 59.8 | 61.3 |
| 82.5° | 64.3 | 65.9 | 63.4 | 59.3 | 53.3 | 49.4 | 46.9 | 44.8 | 44.4 | 44.5 | 44.5 |
| 85° | 33.4 | 33.0 | 32.6 | 28.9 | 27.1 | 24.6 | 23.1 | 22.7 | 22.3 | 23.1 | 23.8 |
| 87.5° | 12.1 | 12.3 | 11.7 | 10.5 | 9.5 | 8.6 | 8.1 | 7.7 | 8.1 | 8.6 | 9.0 |
| 90° | 4.6 | 4.6 | 2.6 | 2.6 | 2.4 | 2.0 | 1.0 | 0.4 | 1.0 | 2.0 | 2.4 |
| 92.5° | 67.3 | 41.5 | 24.5 | 17.6 | 12.7 | 8.7 | 5.6 | 3.8 | 5.6 | 8.7 | 12.7 |
| 95° | 125.3 | 70.6 | 41.7 | 27.6 | 19.7 | 15.4 | 12.0 | 11.0 | 12.0 | 15.4 | 19.7 |
| 97.5° | 112.6 | 67.5 | 45.1 | 33.5 | 26.6 | 22.6 | 19.7 | 19.7 | 19.7 | 22.6 | 26.6 |
| 100° | 105.9 | 68.3 | 48.6 | 38.0 | 31.7 | 27.6 | 25.4 | 25.4 | 25.4 | 27.6 | 31.7 |
| 102.5° | 104.1 | 71.0 | 53.2 | 43.1 | 36.9 | 33.3 | 31.2 | 30.6 | 31.2 | 33.3 | 36.9 |
| 105° | 104.9 | 77.3 | 61.3 | 51.7 | 45.6 | 41.7 | 40.0 | 39.0 | 40.0 | 41.7 | 45.6 |
| 107.5° | 109.9 | 84.6 | 70.0 | 60.5 | 54.8 | 50.5 | 48.8 | 48.2 | 48.8 | 50.5 | 54.8 |
| 110° | 113.6 | 90.3 | 75.6 | 66.6 | 60.6 | 56.6 | 55.0 | 54.3 | 55.0 | 56.6 | 60.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 117.6 | 95.6 | 81.4 | 72.5 | 66.4 | 62.8 | 60.8 | 60.1 | 60.8 | 62.8 | 66.4 |
| 115° | 123.9 | 104.0 | 90.6 | 81.6 | 75.3 | 71.9 | 69.7 | 68.6 | 69.7 | 71.9 | 75.3 |
| 117.5° | 130.4 | 112.0 | 99.3 | 90.0 | 84.1 | 80.4 | 78.3 | 77.4 | 78.3 | 80.4 | 84.1 |
| 120° | 134.9 | 117.6 | 104.9 | 95.6 | 89.9 | 86.2 | 84.0 | 83.3 | 84.0 | 86.2 | 89.9 |
| 122.5° | 139.2 | 122.9 | 110.3 | 101.2 | 95.0 | 91.6 | 89.3 | 88.6 | 89.3 | 91.6 | 95.0 |
| 125° | 145.5 | 130.3 | 118.3 | 109.0 | 102.6 | 99.0 | 96.9 | 95.6 | 96.9 | 99.0 | 102.6 |
| 127.5° | 151.1 | 137.0 | 125.5 | 116.0 | 109.4 | 105.3 | 102.8 | 101.8 | 102.8 | 105.3 | 109.4 |
| 130° | 154.6 | 141.6 | 130.3 | 120.6 | 114.2 | 109.2 | 106.6 | 105.3 | 106.6 | 109.2 | 114.2 |
| 132.5° | 158.1 | 145.3 | 133.9 | 124.9 | 118.0 | 113.3 | 109.8 | 108.8 | 109.8 | 113.3 | 118.0 |
| 135° | 162.6 | 150.5 | 139.6 | 130.9 | 123.9 | 118.3 | 114.9 | 113.6 | 114.9 | 118.3 | 123.9 |
| 137.5° | 165.8 | 154.6 | 144.3 | 136.0 | 128.8 | 123.4 | 119.7 | 118.5 | 119.7 | 123.4 | 128.8 |
| 140° | 167.9 | 157.2 | 147.2 | 139.2 | 132.2 | 126.6 | 122.9 | 122.0 | 122.9 | 126.6 | 132.2 |
| 142.5° | 169.5 | 159.7 | 149.9 | 142.1 | 135.4 | 130.1 | 126.7 | 125.6 | 126.7 | 130.1 | 135.4 |
| 145° | 171.3 | 162.2 | 153.5 | 146.3 | 139.9 | 135.3 | 132.0 | 130.9 | 132.0 | 135.3 | 139.9 |
| 147.5° | 172.8 | 164.9 | 156.7 | 150.1 | 144.9 | 140.2 | 137.1 | 136.9 | 137.1 | 140.2 | 144.9 |
| 150° | 173.5 | 166.3 | 158.9 | 152.6 | 147.6 | 143.5 | 140.9 | 140.5 | 140.9 | 143.5 | 147.6 |
| 152.5° | 174.1 | 167.3 | 160.8 | 155.0 | 150.5 | 146.8 | 144.1 | 144.0 | 144.1 | 146.8 | 150.5 |
| 155° | 174.6 | 168.9 | 163.2 | 158.3 | 154.6 | 151.3 | 149.2 | 148.9 | 149.2 | 151.3 | 154.6 |
| 157.5° | 174.6 | 170.0 | 165.2 | 161.3 | 158.1 | 155.5 | 153.6 | 153.6 | 153.6 | 155.5 | 158.1 |
| 160° | 174.6 | 170.6 | 166.5 | 162.9 | 160.2 | 157.9 | 156.6 | 156.6 | 156.6 | 157.9 | 160.2 |
| 162.5° | 174.6 | 171.1 | 167.4 | 164.5 | 162.1 | 160.0 | 159.0 | 159.2 | 159.0 | 160.0 | 162.1 |
| 165° | 173.9 | 171.3 | 168.2 | 166.3 | 164.6 | 162.9 | 162.2 | 162.2 | 162.2 | 162.9 | 164.6 |
| 167.5° | 173.1 | 171.2 | 169.0 | 167.4 | 166.5 | 165.2 | 164.9 | 165.2 | 164.9 | 165.2 | 166.5 |
| 170° | 172.6 | 170.9 | 169.2 | 168.2 | 167.6 | 166.5 | 166.3 | 166.5 | 166.3 | 166.5 | 167.6 |
| 172.5° | 172.0 | 170.6 | 169.5 | 168.7 | 168.3 | 167.6 | 167.6 | 167.9 | 167.6 | 167.6 | 168.3 |
| 175° | 171.3 | 170.2 | 169.6 | 169.6 | 169.2 | 168.9 | 168.9 | 169.2 | 168.9 | 168.9 | 169.2 |
| 177.5° | 170.3 | 169.8 | 169.6 | 169.6 | 169.6 | 169.3 | 169.6 | 169.8 | 169.6 | 169.3 | 169.6 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 868.3 | 865.6 | 861.8 | 856.5 | 852.2 | 847.4 | 846.2 | 844.5 | 848.0 | 845.1 | 844.2 |
| 5° | 839.8 | 832.1 | 822.2 | 810.9 | 804.3 | 794.7 | 792.9 | 789.2 | 785.5 | 785.1 | 781.5 |
| 7.5° | 809.6 | 798.3 | 785.4 | 773.8 | 763.1 | 752.7 | 745.8 | 744.4 | 739.0 | 735.8 | 732.2 |
| 10° | 790.3 | 776.4 | 761.3 | 750.4 | 737.8 | 726.9 | 719.2 | 714.7 | 711.1 | 707.0 | 703.4 |
| 12.5° | 767.4 | 752.6 | 740.2 | 728.3 | 713.5 | 705.1 | 692.5 | 684.9 | 684.1 | 684.2 | 674.7 |
| 15° | 740.7 | 726.1 | 707.0 | 690.2 | 682.1 | 666.0 | 659.0 | 650.2 | 644.7 | 639.2 | 634.8 |
| 17.5° | 710.4 | 692.1 | 677.2 | 657.8 | 642.4 | 629.6 | 620.4 | 615.1 | 606.9 | 599.1 | 593.4 |
| 20° | 691.3 | 671.8 | 656.1 | 635.6 | 618.7 | 602.9 | 595.2 | 587.9 | 581.6 | 575.0 | 568.8 |
| 22.5° | 671.9 | 651.6 | 632.4 | 612.4 | 596.6 | 580.0 | 572.6 | 562.6 | 556.7 | 553.0 | 546.8 |
| 25° | 641.4 | 619.4 | 597.4 | 578.3 | 562.2 | 547.5 | 537.6 | 529.9 | 523.3 | 520.4 | 516.3 |
| 27.5° | 608.2 | 586.4 | 565.1 | 543.5 | 525.2 | 514.5 | 506.6 | 500.8 | 497.0 | 493.1 | 491.3 |
| 30° | 587.1 | 564.4 | 541.7 | 521.5 | 504.6 | 494.0 | 486.6 | 482.6 | 479.7 | 477.9 | 476.0 |
| 32.5° | 565.7 | 543.3 | 519.3 | 501.0 | 485.9 | 476.4 | 470.8 | 466.7 | 465.3 | 464.7 | 464.0 |
| 35° | 531.4 | 508.7 | 486.6 | 470.1 | 455.8 | 452.1 | 447.4 | 445.2 | 444.5 | 447.0 | 448.2 |
| 37.5° | 498.1 | 477.0 | 456.8 | 440.8 | 431.4 | 426.0 | 424.4 | 424.5 | 427.2 | 429.4 | 432.1 |
| 40° | 476.7 | 456.2 | 437.2 | 423.2 | 414.4 | 411.1 | 410.4 | 412.2 | 415.1 | 417.7 | 420.7 |
| 42.5° | 455.9 | 435.6 | 418.4 | 405.3 | 399.2 | 396.2 | 396.6 | 398.4 | 402.6 | 405.7 | 410.1 |
| 45° | 423.6 | 406.7 | 389.8 | 379.2 | 374.1 | 374.8 | 374.8 | 378.1 | 382.1 | 386.9 | 391.6 |
| 47.5° | 393.1 | 376.1 | 362.2 | 353.3 | 350.6 | 350.0 | 352.0 | 356.4 | 362.2 | 368.1 | 374.8 |
| 50° | 372.6 | 356.5 | 344.3 | 336.3 | 333.4 | 334.4 | 337.4 | 341.4 | 348.4 | 355.7 | 362.7 |
| 52.5° | 351.8 | 337.1 | 325.8 | 318.4 | 316.3 | 318.3 | 321.2 | 327.6 | 333.8 | 341.7 | 350.1 |
| 55° | 319.4 | 307.0 | 298.1 | 292.7 | 291.9 | 293.0 | 296.3 | 303.3 | 312.1 | 322.0 | 330.1 |
| 57.5° | 287.2 | 276.8 | 268.7 | 264.9 | 265.3 | 266.4 | 271.7 | 280.0 | 289.5 | 300.0 | 310.4 |
| 60° | 265.5 | 256.0 | 249.4 | 246.5 | 246.9 | 249.0 | 255.6 | 263.3 | 275.0 | 285.3 | 296.3 |
| 62.5° | 245.0 | 236.6 | 230.3 | 227.6 | 227.2 | 232.0 | 238.3 | 246.3 | 258.1 | 269.5 | 281.3 |
| 65° | 212.0 | 205.4 | 200.2 | 198.8 | 199.8 | 203.5 | 211.6 | 222.3 | 232.1 | 244.2 | 256.7 |
| 67.5° | 179.6 | 174.3 | 170.8 | 171.4 | 172.8 | 178.1 | 184.9 | 194.1 | 205.3 | 217.8 | 230.2 |
| 70° | 159.2 | 154.0 | 151.1 | 151.5 | 153.6 | 160.2 | 166.2 | 175.3 | 187.4 | 200.2 | 210.5 |
| 72.5° | 138.1 | 134.7 | 132.1 | 133.6 | 135.7 | 140.3 | 147.6 | 156.8 | 167.5 | 179.4 | 190.3 |
| 75° | 105.9 | 105.9 | 104.5 | 105.7 | 109.0 | 113.3 | 118.9 | 128.4 | 139.0 | 148.5 | 157.3 |
| 77.5° | 78.6 | 77.9 | 78.8 | 80.1 | 82.0 | 87.2 | 93.5 | 100.4 | 108.3 | 117.9 | 125.2 |
| 80° | 60.1 | 60.5 | 62.3 | 64.6 | 65.3 | 69.3 | 75.9 | 82.2 | 88.4 | 96.4 | 103.4 |
| 82.5° | 45.1 | 45.5 | 46.5 | 49.3 | 50.0 | 54.4 | 58.6 | 64.8 | 70.5 | 75.9 | 81.7 |
| 85° | 24.6 | 24.6 | 26.4 | 27.5 | 29.3 | 32.2 | 34.9 | 38.5 | 43.6 | 47.3 | 52.8 |
| 87.5° | 9.9 | 9.9 | 11.5 | 12.1 | 13.1 | 14.7 | 15.2 | 18.5 | 19.8 | 21.3 | 23.9 |
| 90° | 2.6 | 2.6 | 4.6 | 4.6 | 5.4 | 6.0 | 5.7 | 6.0 | 6.3 | 6.7 | 6.7 |
| 92.5° | 17.6 | 24.5 | 41.5 | 67.3 | 92.5 | 105.7 | 88.0 | 65.4 | 49.2 | 39.2 | 32.5 |
| 95° | 27.6 | 41.7 | 70.6 | 125.3 | 204.9 | 271.5 | 279.2 | 246.9 | 195.2 | 150.5 | 118.3 |
| 97.5° | 33.5 | 45.1 | 67.5 | 112.6 | 191.7 | 286.0 | 350.7 | 364.7 | 345.5 | 312.9 | 278.1 |
| 100° | 38.0 | 48.6 | 68.3 | 105.9 | 173.9 | 267.9 | 353.1 | 401.7 | 408.4 | 392.1 | 367.4 |
| 102.5° | 43.1 | 53.2 | 71.0 | 104.1 | 161.9 | 245.2 | 333.1 | 399.9 | 432.9 | 437.6 | 427.3 |
| 105° | 51.7 | 61.3 | 77.3 | 104.9 | 151.6 | 218.5 | 296.8 | 373.1 | 430.7 | 463.7 | 477.4 |
| 107.5° | 60.5 | 70.0 | 84.6 | 109.9 | 149.7 | 203.6 | 267.5 | 335.1 | 396.4 | 442.8 | 472.6 |
| 110° | 66.6 | 75.6 | 90.3 | 113.6 | 150.2 | 198.5 | 252.9 | 312.2 | 369.8 | 418.1 | 454.7 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 72.5 | 81.4 | 95.6 | 117.6 | 151.8 | 196.1 | 244.6 | 295.3 | 346.3 | 391.9 | 428.6 |
| 115° | 81.6 | 90.6 | 104.0 | 123.9 | 154.9 | 194.9 | 236.9 | 278.5 | 319.4 | 358.4 | 390.4 |
| 117.5° | 90.0 | 99.3 | 112.0 | 130.4 | 158.2 | 194.5 | 233.4 | 270.2 | 304.2 | 334.8 | 361.9 |
| 120° | 95.6 | 104.9 | 117.6 | 134.9 | 160.6 | 194.5 | 231.5 | 266.5 | 297.5 | 324.1 | 347.8 |
| 122.5° | 101.2 | 110.3 | 122.9 | 139.2 | 163.0 | 194.3 | 229.4 | 263.3 | 293.2 | 317.4 | 338.2 |
| 125° | 109.0 | 118.3 | 130.3 | 145.5 | 166.5 | 193.9 | 225.8 | 257.9 | 286.4 | 309.4 | 327.8 |
| 127.5° | 116.0 | 125.5 | 137.0 | 151.1 | 169.5 | 193.1 | 221.1 | 251.2 | 278.5 | 301.5 | 318.9 |
| 130° | 120.6 | 130.3 | 141.6 | 154.6 | 171.5 | 192.8 | 218.2 | 245.8 | 272.2 | 294.8 | 312.5 |
| 132.5° | 124.9 | 133.9 | 145.3 | 158.1 | 173.4 | 192.7 | 215.6 | 240.3 | 264.9 | 287.1 | 304.7 |
| 135° | 130.9 | 139.6 | 150.5 | 162.6 | 176.3 | 192.2 | 211.5 | 232.5 | 254.2 | 274.5 | 291.2 |
| 137.5° | 136.0 | 144.3 | 154.6 | 165.8 | 177.9 | 192.2 | 208.1 | 225.6 | 243.8 | 261.0 | 276.0 |
| 140° | 139.2 | 147.2 | 157.2 | 167.9 | 179.2 | 191.9 | 206.2 | 221.5 | 237.1 | 252.1 | 266.2 |
| 142.5° | 142.1 | 149.9 | 159.7 | 169.5 | 180.3 | 191.9 | 204.6 | 217.8 | 231.6 | 244.4 | 256.6 |
| 145° | 146.3 | 153.5 | 162.2 | 171.3 | 180.9 | 191.2 | 201.9 | 212.5 | 223.9 | 233.8 | 243.2 |
| 147.5° | 150.1 | 156.7 | 164.9 | 172.8 | 181.3 | 190.0 | 199.4 | 208.2 | 217.2 | 225.2 | 232.5 |
| 150° | 152.6 | 158.9 | 166.3 | 173.5 | 181.3 | 189.2 | 197.6 | 205.6 | 213.2 | 219.9 | 225.8 |
| 152.5° | 155.0 | 160.8 | 167.3 | 174.1 | 180.7 | 187.8 | 195.4 | 202.6 | 209.2 | 215.4 | 220.3 |
| 155° | 158.3 | 163.2 | 168.9 | 174.6 | 179.9 | 185.9 | 192.2 | 198.2 | 203.5 | 208.5 | 212.5 |
| 157.5° | 161.3 | 165.2 | 170.0 | 174.6 | 179.0 | 183.8 | 189.0 | 193.5 | 197.9 | 202.2 | 205.4 |
| 160° | 162.9 | 166.5 | 170.6 | 174.6 | 178.2 | 182.2 | 186.5 | 190.6 | 194.2 | 197.8 | 200.6 |
| 162.5° | 164.5 | 167.4 | 171.1 | 174.6 | 177.4 | 180.6 | 184.5 | 187.7 | 190.8 | 193.6 | 196.0 |
| 165° | 166.3 | 168.2 | 171.3 | 173.9 | 175.9 | 178.2 | 180.9 | 183.5 | 185.6 | 187.8 | 189.5 |
| 167.5° | 167.4 | 169.0 | 171.2 | 173.1 | 174.3 | 175.8 | 177.7 | 179.6 | 181.2 | 183.0 | 184.0 |
| 170° | 168.2 | 169.2 | 170.9 | 172.6 | 173.2 | 174.2 | 175.6 | 177.2 | 178.2 | 179.6 | 180.6 |
| 172.5° | 168.7 | 169.5 | 170.6 | 172.0 | 172.2 | 172.6 | 173.7 | 175.1 | 175.8 | 176.6 | 177.4 |
| 175° | 169.6 | 169.6 | 170.2 | 171.3 | 170.9 | 170.9 | 171.5 | 172.2 | 172.6 | 173.2 | 173.2 |
| 177.5° | 169.6 | 169.6 | 169.8 | 170.3 | 169.8 | 169.8 | 170.1 | 170.3 | 170.6 | 170.6 | 170.9 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 843.6 | 843.0 | 840.9 | 840.7 | 840.9 | 843.0 | 843.6 | 844.2 | 845.1 | 848.0 | 844.5 |
| 5° | 779.3 | 777.5 | 776.4 | 780.4 | 776.4 | 777.5 | 779.3 | 781.5 | 785.1 | 785.5 | 789.2 |
| 7.5° | 730.8 | 729.3 | 726.1 | 725.1 | 726.1 | 729.3 | 730.8 | 732.2 | 735.8 | 739.0 | 744.4 |
| 10° | 699.7 | 698.2 | 695.3 | 694.6 | 695.3 | 698.2 | 699.7 | 703.4 | 707.0 | 711.1 | 714.7 |
| 12.5° | 669.8 | 666.8 | 666.3 | 667.0 | 666.3 | 666.8 | 669.8 | 674.7 | 684.2 | 684.1 | 684.9 |
| 15° | 630.0 | 628.6 | 624.5 | 625.7 | 624.5 | 628.6 | 630.0 | 634.8 | 639.2 | 644.7 | 650.2 |
| 17.5° | 590.9 | 589.1 | 584.2 | 588.5 | 584.2 | 589.1 | 590.9 | 593.4 | 599.1 | 606.9 | 615.1 |
| 20° | 566.2 | 563.3 | 560.7 | 560.3 | 560.7 | 563.3 | 566.2 | 568.8 | 575.0 | 581.6 | 587.9 |
| 22.5° | 542.7 | 540.1 | 539.9 | 537.4 | 539.9 | 540.1 | 542.7 | 546.8 | 553.0 | 556.7 | 562.6 |
| 25° | 513.4 | 510.9 | 510.1 | 508.3 | 510.1 | 510.9 | 513.4 | 516.3 | 520.4 | 523.3 | 529.9 |
| 27.5° | 490.9 | 489.7 | 488.3 | 488.9 | 488.3 | 489.7 | 490.9 | 491.3 | 493.1 | 497.0 | 500.8 |
| 30° | 477.1 | 476.7 | 476.0 | 476.0 | 476.0 | 476.7 | 477.1 | 476.0 | 477.9 | 479.7 | 482.6 |
| 32.5° | 465.7 | 465.6 | 466.0 | 466.0 | 466.0 | 465.6 | 465.7 | 464.0 | 464.7 | 465.3 | 466.7 |
| 35° | 449.6 | 450.7 | 451.5 | 450.3 | 451.5 | 450.7 | 449.6 | 448.2 | 447.0 | 444.5 | 445.2 |
| 37.5° | 435.1 | 436.2 | 437.2 | 438.5 | 437.2 | 436.2 | 435.1 | 432.1 | 429.4 | 427.2 | 424.5 |
| 40° | 424.0 | 426.5 | 427.3 | 429.0 | 427.3 | 426.5 | 424.0 | 420.7 | 417.7 | 415.1 | 412.2 |
| 42.5° | 413.4 | 416.2 | 418.1 | 418.5 | 418.1 | 416.2 | 413.4 | 410.1 | 405.7 | 402.6 | 398.4 |
| 45° | 397.2 | 400.1 | 402.7 | 402.7 | 402.7 | 400.1 | 397.2 | 391.6 | 386.9 | 382.1 | 378.1 |
| 47.5° | 380.4 | 384.7 | 387.2 | 387.9 | 387.2 | 384.7 | 380.4 | 374.8 | 368.1 | 362.2 | 356.4 |
| 50° | 368.9 | 374.1 | 376.6 | 378.4 | 376.6 | 374.1 | 368.9 | 362.7 | 355.7 | 348.4 | 341.4 |
| 52.5° | 357.8 | 362.9 | 366.4 | 367.3 | 366.4 | 362.9 | 357.8 | 350.1 | 341.7 | 333.8 | 327.6 |
| 55° | 338.5 | 345.8 | 349.9 | 351.3 | 349.9 | 345.8 | 338.5 | 330.1 | 322.0 | 312.1 | 303.3 |
| 57.5° | 320.3 | 327.1 | 331.8 | 332.8 | 331.8 | 327.1 | 320.3 | 310.4 | 300.0 | 289.5 | 280.0 |
| 60° | 306.2 | 313.6 | 319.4 | 320.6 | 319.4 | 313.6 | 306.2 | 296.3 | 285.3 | 275.0 | 263.3 |
| 62.5° | 291.8 | 299.4 | 304.7 | 307.6 | 304.7 | 299.4 | 291.8 | 281.3 | 269.5 | 258.1 | 246.3 |
| 65° | 267.0 | 274.7 | 279.8 | 280.9 | 279.8 | 274.7 | 267.0 | 256.7 | 244.2 | 232.1 | 222.3 |
| 67.5° | 239.9 | 247.5 | 250.9 | 253.1 | 250.9 | 247.5 | 239.9 | 230.2 | 217.8 | 205.3 | 194.1 |
| 70° | 220.7 | 227.0 | 230.6 | 232.5 | 230.6 | 227.0 | 220.7 | 210.5 | 200.2 | 187.4 | 175.3 |
| 72.5° | 199.1 | 205.6 | 209.8 | 210.2 | 209.8 | 205.6 | 199.1 | 190.3 | 179.4 | 167.5 | 156.8 |
| 75° | 165.8 | 171.6 | 173.8 | 173.8 | 173.8 | 171.6 | 165.8 | 157.3 | 148.5 | 139.0 | 128.4 |
| 77.5° | 131.2 | 134.2 | 137.0 | 137.6 | 137.0 | 134.2 | 131.2 | 125.2 | 117.9 | 108.3 | 100.4 |
| 80° | 109.0 | 110.7 | 112.9 | 112.9 | 112.9 | 110.7 | 109.0 | 103.4 | 96.4 | 88.4 | 82.2 |
| 82.5° | 86.1 | 87.6 | 89.7 | 89.4 | 89.7 | 87.6 | 86.1 | 81.7 | 75.9 | 70.5 | 64.8 |
| 85° | 52.0 | 55.4 | 55.0 | 54.3 | 55.0 | 55.4 | 52.0 | 52.8 | 47.3 | 43.6 | 38.5 |
| 87.5° | 24.9 | 25.3 | 26.0 | 26.7 | 26.0 | 25.3 | 24.9 | 23.9 | 21.3 | 19.8 | 18.5 |
| 90° | 7.0 | 7.4 | 7.0 | 7.0 | 7.0 | 7.4 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 |
| 92.5° | 28.6 | 26.8 | 25.6 | 25.6 | 25.6 | 26.8 | 28.6 | 32.5 | 39.2 | 49.2 | 65.4 |
| 95° | 101.9 | 91.6 | 85.6 | 81.2 | 85.6 | 91.6 | 101.9 | 118.3 | 150.5 | 195.2 | 246.9 |
| 97.5° | 254.2 | 234.2 | 224.2 | 217.3 | 224.2 | 234.2 | 254.2 | 278.1 | 312.9 | 345.5 | 364.7 |
| 100° | 338.5 | 318.1 | 308.1 | 305.5 | 308.1 | 318.1 | 338.5 | 367.4 | 392.1 | 408.4 | 401.7 |
| 102.5° | 409.6 | 394.9 | 384.4 | 382.2 | 384.4 | 394.9 | 409.6 | 427.3 | 437.6 | 432.9 | 399.9 |
| 105° | 478.1 | 475.3 | 470.7 | 468.7 | 470.7 | 475.3 | 478.1 | 477.4 | 463.7 | 430.7 | 373.1 |
| 107.5° | 489.0 | 496.6 | 499.9 | 500.8 | 499.9 | 496.6 | 489.0 | 472.6 | 442.8 | 396.4 | 335.1 |
| 110° | 478.3 | 492.4 | 498.3 | 501.3 | 498.3 | 492.4 | 478.3 | 454.7 | 418.1 | 369.8 | 312.2 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 455.4 | 472.4 | 480.8 | 485.6 | 480.8 | 472.4 | 455.4 | 428.6 | 391.9 | 346.3 | 295.3 |
| 115° | 416.7 | 436.7 | 447.4 | 450.1 | 447.4 | 436.7 | 416.7 | 390.4 | 358.4 | 319.4 | 278.5 |
| 117.5° | 384.4 | 401.1 | 411.9 | 414.0 | 411.9 | 401.1 | 384.4 | 361.9 | 334.8 | 304.2 | 270.2 |
| 120° | 366.7 | 381.4 | 390.1 | 393.8 | 390.1 | 381.4 | 366.7 | 347.8 | 324.1 | 297.5 | 266.5 |
| 122.5° | 354.2 | 366.7 | 374.1 | 377.8 | 374.1 | 366.7 | 354.2 | 338.2 | 317.4 | 293.2 | 263.3 |
| 125° | 341.1 | 350.8 | 357.1 | 359.1 | 357.1 | 350.8 | 341.1 | 327.8 | 309.4 | 286.4 | 257.9 |
| 127.5° | 332.2 | 340.8 | 346.2 | 348.2 | 346.2 | 340.8 | 332.2 | 318.9 | 301.5 | 278.5 | 251.2 |
| 130° | 326.1 | 334.4 | 339.8 | 341.8 | 339.8 | 334.4 | 326.1 | 312.5 | 294.8 | 272.2 | 245.8 |
| 132.5° | 318.1 | 327.5 | 332.6 | 334.6 | 332.6 | 327.5 | 318.1 | 304.7 | 287.1 | 264.9 | 240.3 |
| 135° | 304.4 | 313.8 | 319.1 | 321.1 | 319.1 | 313.8 | 304.4 | 291.2 | 274.5 | 254.2 | 232.5 |
| 137.5° | 288.5 | 297.7 | 302.1 | 304.4 | 302.1 | 297.7 | 288.5 | 276.0 | 261.0 | 243.8 | 225.6 |
| 140° | 277.9 | 285.1 | 289.8 | 292.5 | 289.8 | 285.1 | 277.9 | 266.2 | 252.1 | 237.1 | 221.5 |
| 142.5° | 266.9 | 273.7 | 277.9 | 279.7 | 277.9 | 273.7 | 266.9 | 256.6 | 244.4 | 231.6 | 217.8 |
| 145° | 251.5 | 257.1 | 260.5 | 262.1 | 260.5 | 257.1 | 251.5 | 243.2 | 233.8 | 223.9 | 212.5 |
| 147.5° | 238.7 | 243.6 | 246.0 | 246.7 | 246.0 | 243.6 | 238.7 | 232.5 | 225.2 | 217.2 | 208.2 |
| 150° | 231.2 | 235.5 | 237.5 | 237.8 | 237.5 | 235.5 | 231.2 | 225.8 | 219.9 | 213.2 | 205.6 |
| 152.5° | 224.8 | 228.3 | 229.5 | 229.9 | 229.5 | 228.3 | 224.8 | 220.3 | 215.4 | 209.2 | 202.6 |
| 155° | 215.8 | 218.5 | 219.5 | 219.5 | 219.5 | 218.5 | 215.8 | 212.5 | 208.5 | 203.5 | 198.2 |
| 157.5° | 207.8 | 209.9 | 210.5 | 210.5 | 210.5 | 209.9 | 207.8 | 205.4 | 202.2 | 197.9 | 193.5 |
| 160° | 202.6 | 204.5 | 204.9 | 204.9 | 204.9 | 204.5 | 202.6 | 200.6 | 197.8 | 194.2 | 190.6 |
| 162.5° | 197.5 | 199.4 | 199.8 | 199.5 | 199.8 | 199.4 | 197.5 | 196.0 | 193.6 | 190.8 | 187.7 |
| 165° | 190.9 | 192.2 | 191.9 | 191.5 | 191.9 | 192.2 | 190.9 | 189.5 | 187.8 | 185.6 | 183.5 |
| 167.5° | 184.6 | 185.6 | 185.5 | 185.2 | 185.5 | 185.6 | 184.6 | 184.0 | 183.0 | 181.2 | 179.6 |
| 170° | 181.3 | 181.5 | 181.3 | 181.3 | 181.3 | 181.5 | 181.3 | 180.6 | 179.6 | 178.2 | 177.2 |
| 172.5° | 177.8 | 178.0 | 177.8 | 177.2 | 177.8 | 178.0 | 177.8 | 177.4 | 176.6 | 175.8 | 175.1 |
| 175° | 173.2 | 173.9 | 173.2 | 172.6 | 173.2 | 173.9 | 173.2 | 173.2 | 173.2 | 172.6 | 172.2 |
| 177.5° | 170.6 | 170.9 | 170.3 | 169.8 | 170.3 | 170.9 | 170.6 | 170.9 | 170.6 | 170.6 | 170.3 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 846.2 | 847.4 | 852.2 | 856.5 | 861.8 | 865.6 | 868.3 | 871.2 | 877.3 | 882.3 | 887.0 |
| 5° | 792.9 | 794.7 | 804.3 | 810.9 | 822.2 | 832.1 | 839.8 | 848.2 | 858.2 | 871.7 | 884.2 |
| 7.5° | 745.8 | 752.7 | 763.1 | 773.8 | 785.4 | 798.3 | 809.6 | 822.4 | 839.4 | 858.1 | 877.3 |
| 10° | 719.2 | 726.9 | 737.8 | 750.4 | 761.3 | 776.4 | 790.3 | 805.3 | 824.7 | 847.5 | 870.2 |
| 12.5° | 692.5 | 705.1 | 713.5 | 728.3 | 740.2 | 752.6 | 767.4 | 787.1 | 809.8 | 833.7 | 861.1 |
| 15° | 659.0 | 666.0 | 682.1 | 690.2 | 707.0 | 726.1 | 740.7 | 760.6 | 782.6 | 814.2 | 844.9 |
| 17.5° | 620.4 | 629.6 | 642.4 | 657.8 | 677.2 | 692.1 | 710.4 | 730.8 | 758.5 | 789.8 | 828.4 |
| 20° | 595.2 | 602.9 | 618.7 | 635.6 | 656.1 | 671.8 | 691.3 | 711.1 | 739.7 | 773.1 | 813.4 |
| 22.5° | 572.6 | 580.0 | 596.6 | 612.4 | 632.4 | 651.6 | 671.9 | 694.9 | 722.4 | 757.5 | 798.7 |
| 25° | 537.6 | 547.5 | 562.2 | 578.3 | 597.4 | 619.4 | 641.4 | 661.9 | 691.3 | 728.3 | 772.3 |
| 27.5° | 506.6 | 514.5 | 525.2 | 543.5 | 565.1 | 586.4 | 608.2 | 634.0 | 662.2 | 701.4 | 747.1 |
| 30° | 486.6 | 494.0 | 504.6 | 521.5 | 541.7 | 564.4 | 587.1 | 612.1 | 641.4 | 680.2 | 726.9 |
| 32.5° | 470.8 | 476.4 | 485.9 | 501.0 | 519.3 | 543.3 | 565.7 | 591.5 | 622.4 | 660.6 | 706.1 |
| 35° | 447.4 | 452.1 | 455.8 | 470.1 | 486.6 | 508.7 | 531.4 | 558.9 | 588.6 | 624.9 | 670.3 |
| 37.5° | 424.4 | 426.0 | 431.4 | 440.8 | 456.8 | 477.0 | 498.1 | 525.2 | 555.6 | 592.6 | 633.6 |
| 40° | 410.4 | 411.1 | 414.4 | 423.2 | 437.2 | 456.2 | 476.7 | 503.5 | 532.4 | 567.3 | 608.0 |
| 42.5° | 396.6 | 396.2 | 399.2 | 405.3 | 418.4 | 435.6 | 455.9 | 480.3 | 509.3 | 541.5 | 579.9 |
| 45° | 374.8 | 374.8 | 374.1 | 379.2 | 389.8 | 406.7 | 423.6 | 447.0 | 471.3 | 502.8 | 535.1 |
| 47.5° | 352.0 | 350.0 | 350.6 | 353.3 | 362.2 | 376.1 | 393.1 | 412.4 | 433.7 | 460.4 | 488.7 |
| 50° | 337.4 | 334.4 | 333.4 | 336.3 | 344.3 | 356.5 | 372.6 | 389.5 | 409.6 | 433.1 | 457.3 |
| 52.5° | 321.2 | 318.3 | 316.3 | 318.4 | 325.8 | 337.1 | 351.8 | 366.6 | 384.7 | 403.8 | 424.7 |
| 55° | 296.3 | 293.0 | 291.9 | 292.7 | 298.1 | 307.0 | 319.4 | 333.0 | 346.6 | 362.3 | 377.0 |
| 57.5° | 271.7 | 266.4 | 265.3 | 264.9 | 268.7 | 276.8 | 287.2 | 299.0 | 308.9 | 318.4 | 334.0 |
| 60° | 255.6 | 249.0 | 246.9 | 246.5 | 249.4 | 256.0 | 265.5 | 277.2 | 284.2 | 290.8 | 304.3 |
| 62.5° | 238.3 | 232.0 | 227.2 | 227.6 | 230.3 | 236.6 | 245.0 | 253.4 | 258.1 | 265.3 | 274.5 |
| 65° | 211.6 | 203.5 | 199.8 | 198.8 | 200.2 | 205.4 | 212.0 | 217.4 | 222.6 | 225.6 | 234.3 |
| 67.5° | 184.9 | 178.1 | 172.8 | 171.4 | 170.8 | 174.3 | 179.6 | 183.0 | 186.6 | 189.3 | 194.4 |
| 70° | 166.2 | 160.2 | 153.6 | 151.5 | 151.1 | 154.0 | 159.2 | 159.6 | 164.7 | 165.8 | 171.3 |
| 72.5° | 147.6 | 140.3 | 135.7 | 133.6 | 132.1 | 134.7 | 138.1 | 139.0 | 141.8 | 143.7 | 146.7 |
| 75° | 118.9 | 113.3 | 109.0 | 105.7 | 104.5 | 105.9 | 105.9 | 107.8 | 109.6 | 110.7 | 114.0 |
| 77.5° | 93.5 | 87.2 | 82.0 | 80.1 | 78.8 | 77.9 | 78.6 | 79.7 | 78.9 | 80.8 | 81.5 |
| 80° | 75.9 | 69.3 | 65.3 | 64.6 | 62.3 | 60.5 | 60.1 | 61.3 | 59.8 | 60.5 | 62.7 |
| 82.5° | 58.6 | 54.4 | 50.0 | 49.3 | 46.5 | 45.5 | 45.1 | 44.5 | 44.5 | 44.4 | 44.8 |
| 85° | 34.9 | 32.2 | 29.3 | 27.5 | 26.4 | 24.6 | 24.6 | 23.8 | 23.1 | 22.3 | 22.7 |
| 87.5° | 15.2 | 14.7 | 13.1 | 12.1 | 11.5 | 9.9 | 9.9 | 9.0 | 8.6 | 8.1 | 7.7 |
| 90° | 5.7 | 6.0 | 5.4 | 4.6 | 4.6 | 2.6 | 2.6 | 2.4 | 2.0 | 1.0 | 0.4 |
| 92.5° | 88.0 | 105.7 | 92.5 | 67.3 | 41.5 | 24.5 | 17.6 | 12.7 | 8.7 | 5.6 | 3.8 |
| 95° | 279.2 | 271.5 | 204.9 | 125.3 | 70.6 | 41.7 | 27.6 | 19.7 | 15.4 | 12.0 | 11.0 |
| 97.5° | 350.7 | 286.0 | 191.7 | 112.6 | 67.5 | 45.1 | 33.5 | 26.6 | 22.6 | 19.7 | 19.7 |
| 100° | 353.1 | 267.9 | 173.9 | 105.9 | 68.3 | 48.6 | 38.0 | 31.7 | 27.6 | 25.4 | 25.4 |
| 102.5° | 333.1 | 245.2 | 161.9 | 104.1 | 71.0 | 53.2 | 43.1 | 36.9 | 33.3 | 31.2 | 30.6 |
| 105° | 296.8 | 218.5 | 151.6 | 104.9 | 77.3 | 61.3 | 51.7 | 45.6 | 41.7 | 40.0 | 39.0 |
| 107.5° | 267.5 | 203.6 | 149.7 | 109.9 | 84.6 | 70.0 | 60.5 | 54.8 | 50.5 | 48.8 | 48.2 |
| 110° | 252.9 | 198.5 | 150.2 | 113.6 | 90.3 | 75.6 | 66.6 | 60.6 | 56.6 | 55.0 | 54.3 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 244.6 | 196.1 | 151.8 | 117.6 | 95.6 | 81.4 | 72.5 | 66.4 | 62.8 | 60.8 | 60.1 |
| 115° | 236.9 | 194.9 | 154.9 | 123.9 | 104.0 | 90.6 | 81.6 | 75.3 | 71.9 | 69.7 | 68.6 |
| 117.5° | 233.4 | 194.5 | 158.2 | 130.4 | 112.0 | 99.3 | 90.0 | 84.1 | 80.4 | 78.3 | 77.4 |
| 120° | 231.5 | 194.5 | 160.6 | 134.9 | 117.6 | 104.9 | 95.6 | 89.9 | 86.2 | 84.0 | 83.3 |
| 122.5° | 229.4 | 194.3 | 163.0 | 139.2 | 122.9 | 110.3 | 101.2 | 95.0 | 91.6 | 89.3 | 88.6 |
| 125° | 225.8 | 193.9 | 166.5 | 145.5 | 130.3 | 118.3 | 109.0 | 102.6 | 99.0 | 96.9 | 95.6 |
| 127.5° | 221.1 | 193.1 | 169.5 | 151.1 | 137.0 | 125.5 | 116.0 | 109.4 | 105.3 | 102.8 | 101.8 |
| 130° | 218.2 | 192.8 | 171.5 | 154.6 | 141.6 | 130.3 | 120.6 | 114.2 | 109.2 | 106.6 | 105.3 |
| 132.5° | 215.6 | 192.7 | 173.4 | 158.1 | 145.3 | 133.9 | 124.9 | 118.0 | 113.3 | 109.8 | 108.8 |
| 135° | 211.5 | 192.2 | 176.3 | 162.6 | 150.5 | 139.6 | 130.9 | 123.9 | 118.3 | 114.9 | 113.6 |
| 137.5° | 208.1 | 192.2 | 177.9 | 165.8 | 154.6 | 144.3 | 136.0 | 128.8 | 123.4 | 119.7 | 118.5 |
| 140° | 206.2 | 191.9 | 179.2 | 167.9 | 157.2 | 147.2 | 139.2 | 132.2 | 126.6 | 122.9 | 122.0 |
| 142.5° | 204.6 | 191.9 | 180.3 | 169.5 | 159.7 | 149.9 | 142.1 | 135.4 | 130.1 | 126.7 | 125.6 |
| 145° | 201.9 | 191.2 | 180.9 | 171.3 | 162.2 | 153.5 | 146.3 | 139.9 | 135.3 | 132.0 | 130.9 |
| 147.5° | 199.4 | 190.0 | 181.3 | 172.8 | 164.9 | 156.7 | 150.1 | 144.9 | 140.2 | 137.1 | 136.9 |
| 150° | 197.6 | 189.2 | 181.3 | 173.5 | 166.3 | 158.9 | 152.6 | 147.6 | 143.5 | 140.9 | 140.5 |
| 152.5° | 195.4 | 187.8 | 180.7 | 174.1 | 167.3 | 160.8 | 155.0 | 150.5 | 146.8 | 144.1 | 144.0 |
| 155° | 192.2 | 185.9 | 179.9 | 174.6 | 168.9 | 163.2 | 158.3 | 154.6 | 151.3 | 149.2 | 148.9 |
| 157.5° | 189.0 | 183.8 | 179.0 | 174.6 | 170.0 | 165.2 | 161.3 | 158.1 | 155.5 | 153.6 | 153.6 |
| 160° | 186.5 | 182.2 | 178.2 | 174.6 | 170.6 | 166.5 | 162.9 | 160.2 | 157.9 | 156.6 | 156.6 |
| 162.5° | 184.5 | 180.6 | 177.4 | 174.6 | 171.1 | 167.4 | 164.5 | 162.1 | 160.0 | 159.0 | 159.2 |
| 165° | 180.9 | 178.2 | 175.9 | 173.9 | 171.3 | 168.2 | 166.3 | 164.6 | 162.9 | 162.2 | 162.2 |
| 167.5° | 177.7 | 175.8 | 174.3 | 173.1 | 171.2 | 169.0 | 167.4 | 166.5 | 165.2 | 164.9 | 165.2 |
| 170° | 175.6 | 174.2 | 173.2 | 172.6 | 170.9 | 169.2 | 168.2 | 167.6 | 166.5 | 166.3 | 166.5 |
| 172.5° | 173.7 | 172.6 | 172.2 | 172.0 | 170.6 | 169.5 | 168.7 | 168.3 | 167.6 | 167.6 | 167.9 |
| 175° | 171.5 | 170.9 | 170.9 | 171.3 | 170.2 | 169.6 | 169.6 | 169.2 | 168.9 | 168.9 | 169.2 |
| 177.5° | 170.1 | 169.8 | 169.8 | 170.3 | 169.8 | 169.6 | 169.6 | 169.6 | 169.3 | 169.6 | 169.8 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 891.2 | 894.1 | 897.9 | 904.4 | 906.7 | 909.6 | 913.7 | 913.4 | 914.6 | 919.0 | 928.4 |
| 5° | 894.5 | 905.8 | 916.8 | 930.0 | 944.0 | 953.1 | 965.6 | 973.3 | 981.0 | 990.9 | 1007.8 |
| 7.5° | 895.8 | 913.8 | 934.0 | 957.2 | 977.8 | 1001.5 | 1020.1 | 1037.6 | 1053.3 | 1074.2 | 1094.3 |
| 10° | 893.7 | 917.9 | 944.0 | 973.3 | 1004.5 | 1030.9 | 1054.7 | 1081.9 | 1104.9 | 1130.2 | 1153.0 |
| 12.5° | 889.9 | 919.1 | 953.9 | 986.7 | 1023.2 | 1062.2 | 1091.9 | 1119.4 | 1150.1 | 1179.2 | 1214.3 |
| 15° | 881.3 | 921.2 | 962.0 | 1005.2 | 1054.0 | 1099.1 | 1142.0 | 1177.5 | 1210.6 | 1254.2 | 1300.0 |
| 17.5° | 870.2 | 913.3 | 964.7 | 1017.1 | 1068.1 | 1119.6 | 1172.7 | 1226.2 | 1267.8 | 1322.0 | 1357.9 |
| 20° | 860.0 | 909.8 | 962.6 | 1025.0 | 1076.0 | 1140.2 | 1193.0 | 1244.6 | 1301.8 | 1355.8 | 1398.7 |
| 22.5° | 845.6 | 900.1 | 956.2 | 1018.2 | 1085.3 | 1149.5 | 1210.6 | 1266.7 | 1323.9 | 1382.5 | 1434.5 |
| 25° | 827.4 | 876.8 | 943.2 | 1013.6 | 1080.3 | 1150.1 | 1220.1 | 1290.5 | 1352.1 | 1414.1 | 1462.5 |
| 27.5° | 796.3 | 858.8 | 920.6 | 993.3 | 1067.4 | 1146.2 | 1221.2 | 1294.9 | 1359.3 | 1410.3 | 1440.4 |
| 30° | 780.4 | 834.6 | 901.8 | 974.8 | 1055.1 | 1139.8 | 1217.9 | 1290.2 | 1350.3 | 1391.0 | 1403.1 |
| 32.5° | 757.0 | 812.9 | 878.6 | 954.2 | 1039.2 | 1126.2 | 1207.6 | 1275.7 | 1326.0 | 1347.3 | 1332.7 |
| 35° | 722.1 | 772.7 | 839.1 | 916.4 | 1004.8 | 1097.6 | 1177.9 | 1235.5 | 1261.2 | 1241.0 | 1190.7 |
| 37.5° | 680.2 | 730.5 | 797.1 | 873.1 | 964.6 | 1058.9 | 1131.5 | 1172.9 | 1164.4 | 1114.3 | 1039.3 |
| 40° | 650.9 | 697.9 | 761.3 | 843.5 | 932.6 | 1027.2 | 1091.0 | 1113.4 | 1090.0 | 1018.0 | 938.5 |
| 42.5° | 618.4 | 664.1 | 727.8 | 807.1 | 901.4 | 988.7 | 1044.3 | 1046.2 | 1006.9 | 921.0 | 841.0 |
| 45° | 568.8 | 612.5 | 672.6 | 755.1 | 842.4 | 924.5 | 961.2 | 943.2 | 870.6 | 787.7 | 707.4 |
| 47.5° | 519.9 | 557.7 | 617.0 | 695.3 | 778.2 | 847.3 | 865.5 | 833.2 | 755.8 | 675.3 | 600.9 |
| 50° | 484.1 | 522.3 | 578.0 | 652.8 | 732.7 | 792.5 | 801.3 | 758.4 | 682.5 | 601.4 | 543.1 |
| 52.5° | 449.8 | 487.6 | 541.3 | 610.5 | 683.7 | 737.6 | 737.9 | 688.2 | 612.7 | 540.5 | 486.2 |
| 55° | 399.4 | 433.5 | 481.9 | 543.8 | 609.2 | 651.3 | 641.0 | 589.7 | 524.1 | 461.4 | 414.1 |
| 57.5° | 350.8 | 380.5 | 425.1 | 476.8 | 534.3 | 569.1 | 552.0 | 502.7 | 444.0 | 390.9 | 355.0 |
| 60° | 319.4 | 347.6 | 385.8 | 434.6 | 483.0 | 510.1 | 494.0 | 449.2 | 395.3 | 352.4 | 321.2 |
| 62.5° | 288.9 | 312.7 | 349.4 | 391.7 | 436.6 | 456.8 | 442.3 | 398.2 | 351.7 | 312.8 | 287.5 |
| 65° | 245.7 | 265.1 | 294.5 | 330.8 | 363.4 | 380.7 | 368.5 | 327.4 | 291.9 | 264.0 | 243.8 |
| 67.5° | 205.4 | 220.6 | 242.8 | 271.9 | 299.6 | 309.0 | 297.9 | 269.3 | 239.2 | 216.9 | 202.6 |
| 70° | 177.5 | 191.8 | 210.5 | 232.9 | 257.0 | 267.0 | 256.0 | 233.3 | 208.7 | 188.1 | 174.2 |
| 72.5° | 153.2 | 164.2 | 180.0 | 199.2 | 218.0 | 228.0 | 220.5 | 198.6 | 177.9 | 162.6 | 150.7 |
| 75° | 116.6 | 126.1 | 137.1 | 150.7 | 165.4 | 172.0 | 165.4 | 150.3 | 136.0 | 124.7 | 116.2 |
| 77.5° | 84.8 | 89.9 | 98.4 | 108.6 | 117.7 | 122.8 | 117.1 | 106.9 | 98.1 | 90.4 | 86.1 |
| 80° | 64.6 | 68.2 | 74.1 | 82.2 | 88.4 | 93.1 | 89.4 | 81.1 | 74.1 | 68.9 | 67.1 |
| 82.5° | 46.9 | 49.4 | 53.3 | 59.3 | 63.4 | 65.9 | 64.3 | 58.2 | 55.3 | 50.7 | 48.9 |
| 85° | 23.1 | 24.6 | 27.1 | 28.9 | 32.6 | 33.0 | 33.4 | 30.8 | 28.3 | 27.1 | 25.6 |
| 87.5° | 8.1 | 8.6 | 9.5 | 10.5 | 11.7 | 12.3 | 12.1 | 12.3 | 11.2 | 10.8 | 9.7 |
| 90° | 1.0 | 2.0 | 2.4 | 2.6 | 2.6 | 4.6 | 4.6 | 5.4 | 6.0 | 5.7 | 6.0 |
| 92.5° | 5.6 | 8.7 | 12.7 | 17.6 | 24.5 | 41.5 | 67.3 | 92.5 | 105.7 | 88.0 | 65.4 |
| 95° | 12.0 | 15.4 | 19.7 | 27.6 | 41.7 | 70.6 | 125.3 | 204.9 | 271.5 | 279.2 | 246.9 |
| 97.5° | 19.7 | 22.6 | 26.6 | 33.5 | 45.1 | 67.5 | 112.6 | 191.7 | 286.0 | 350.7 | 364.7 |
| 100° | 25.4 | 27.6 | 31.7 | 38.0 | 48.6 | 68.3 | 105.9 | 173.9 | 267.9 | 353.1 | 401.7 |
| 102.5° | 31.2 | 33.3 | 36.9 | 43.1 | 53.2 | 71.0 | 104.1 | 161.9 | 245.2 | 333.1 | 399.9 |
| 105° | 40.0 | 41.7 | 45.6 | 51.7 | 61.3 | 77.3 | 104.9 | 151.6 | 218.5 | 296.8 | 373.1 |
| 107.5° | 48.8 | 50.5 | 54.8 | 60.5 | 70.0 | 84.6 | 109.9 | 149.7 | 203.6 | 267.5 | 335.1 |
| 110° | 55.0 | 56.6 | 60.6 | 66.6 | 75.6 | 90.3 | 113.6 | 150.2 | 198.5 | 252.9 | 312.2 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 60.8 | 62.8 | 66.4 | 72.5 | 81.4 | 95.6 | 117.6 | 151.8 | 196.1 | 244.6 | 295.3 |
| 115° | 69.7 | 71.9 | 75.3 | 81.6 | 90.6 | 104.0 | 123.9 | 154.9 | 194.9 | 236.9 | 278.5 |
| 117.5° | 78.3 | 80.4 | 84.1 | 90.0 | 99.3 | 112.0 | 130.4 | 158.2 | 194.5 | 233.4 | 270.2 |
| 120° | 84.0 | 86.2 | 89.9 | 95.6 | 104.9 | 117.6 | 134.9 | 160.6 | 194.5 | 231.5 | 266.5 |
| 122.5° | 89.3 | 91.6 | 95.0 | 101.2 | 110.3 | 122.9 | 139.2 | 163.0 | 194.3 | 229.4 | 263.3 |
| 125° | 96.9 | 99.0 | 102.6 | 109.0 | 118.3 | 130.3 | 145.5 | 166.5 | 193.9 | 225.8 | 257.9 |
| 127.5° | 102.8 | 105.3 | 109.4 | 116.0 | 125.5 | 137.0 | 151.1 | 169.5 | 193.1 | 221.1 | 251.2 |
| 130° | 106.6 | 109.2 | 114.2 | 120.6 | 130.3 | 141.6 | 154.6 | 171.5 | 192.8 | 218.2 | 245.8 |
| 132.5° | 109.8 | 113.3 | 118.0 | 124.9 | 133.9 | 145.3 | 158.1 | 173.4 | 192.7 | 215.6 | 240.3 |
| 135° | 114.9 | 118.3 | 123.9 | 130.9 | 139.6 | 150.5 | 162.6 | 176.3 | 192.2 | 211.5 | 232.5 |
| 137.5° | 119.7 | 123.4 | 128.8 | 136.0 | 144.3 | 154.6 | 165.8 | 177.9 | 192.2 | 208.1 | 225.6 |
| 140° | 122.9 | 126.6 | 132.2 | 139.2 | 147.2 | 157.2 | 167.9 | 179.2 | 191.9 | 206.2 | 221.5 |
| 142.5° | 126.7 | 130.1 | 135.4 | 142.1 | 149.9 | 159.7 | 169.5 | 180.3 | 191.9 | 204.6 | 217.8 |
| 145° | 132.0 | 135.3 | 139.9 | 146.3 | 153.5 | 162.2 | 171.3 | 180.9 | 191.2 | 201.9 | 212.5 |
| 147.5° | 137.1 | 140.2 | 144.9 | 150.1 | 156.7 | 164.9 | 172.8 | 181.3 | 190.0 | 199.4 | 208.2 |
| 150° | 140.9 | 143.5 | 147.6 | 152.6 | 158.9 | 166.3 | 173.5 | 181.3 | 189.2 | 197.6 | 205.6 |
| 152.5° | 144.1 | 146.8 | 150.5 | 155.0 | 160.8 | 167.3 | 174.1 | 180.7 | 187.8 | 195.4 | 202.6 |
| 155° | 149.2 | 151.3 | 154.6 | 158.3 | 163.2 | 168.9 | 174.6 | 179.9 | 185.9 | 192.2 | 198.2 |
| 157.5° | 153.6 | 155.5 | 158.1 | 161.3 | 165.2 | 170.0 | 174.6 | 179.0 | 183.8 | 189.0 | 193.5 |
| 160° | 156.6 | 157.9 | 160.2 | 162.9 | 166.5 | 170.6 | 174.6 | 178.2 | 182.2 | 186.5 | 190.6 |
| 162.5° | 159.0 | 160.0 | 162.1 | 164.5 | 167.4 | 171.1 | 174.6 | 177.4 | 180.6 | 184.5 | 187.7 |
| 165° | 162.2 | 162.9 | 164.6 | 166.3 | 168.2 | 171.3 | 173.9 | 175.9 | 178.2 | 180.9 | 183.5 |
| 167.5° | 164.9 | 165.2 | 166.5 | 167.4 | 169.0 | 171.2 | 173.1 | 174.3 | 175.8 | 177.7 | 179.6 |
| 170° | 166.3 | 166.5 | 167.6 | 168.2 | 169.2 | 170.9 | 172.6 | 173.2 | 174.2 | 175.6 | 177.2 |
| 172.5° | 167.6 | 167.6 | 168.3 | 168.7 | 169.5 | 170.6 | 172.0 | 172.2 | 172.6 | 173.7 | 175.1 |
| 175° | 168.9 | 168.9 | 169.2 | 169.6 | 169.6 | 170.2 | 171.3 | 170.9 | 170.9 | 171.5 | 172.2 |
| 177.5° | 169.6 | 169.3 | 169.6 | 169.6 | 169.6 | 169.8 | 170.3 | 169.8 | 169.8 | 170.1 | 170.3 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 | 885.2 |
| 2.5° | 933.1 | 933.7 | 936.3 | 938.4 | 939.0 | 941.9 | 942.2 |
| 5° | 1015.1 | 1021.3 | 1033.4 | 1034.5 | 1036.3 | 1045.9 | 1038.6 |
| 7.5° | 1111.2 | 1127.0 | 1137.6 | 1146.9 | 1150.3 | 1154.4 | 1153.6 |
| 10° | 1172.8 | 1196.3 | 1208.0 | 1226.7 | 1227.5 | 1232.2 | 1229.3 |
| 12.5° | 1234.7 | 1262.0 | 1283.4 | 1286.9 | 1302.5 | 1305.0 | 1309.1 |
| 15° | 1322.4 | 1351.4 | 1381.1 | 1391.8 | 1413.3 | 1418.5 | 1426.5 |
| 17.5° | 1404.9 | 1434.5 | 1455.3 | 1482.8 | 1491.7 | 1503.5 | 1495.5 |
| 20° | 1450.0 | 1482.3 | 1508.7 | 1530.3 | 1539.5 | 1546.1 | 1545.4 |
| 22.5° | 1477.3 | 1509.9 | 1531.3 | 1547.7 | 1556.2 | 1559.1 | 1558.9 |
| 25° | 1494.4 | 1513.2 | 1519.8 | 1526.0 | 1516.5 | 1513.2 | 1514.6 |
| 27.5° | 1446.9 | 1442.0 | 1424.8 | 1402.2 | 1378.8 | 1360.1 | 1350.0 |
| 30° | 1381.5 | 1352.8 | 1326.8 | 1281.4 | 1257.8 | 1244.0 | 1231.4 |
| 32.5° | 1288.7 | 1243.4 | 1193.4 | 1151.7 | 1124.9 | 1104.3 | 1101.2 |
| 35° | 1129.9 | 1061.7 | 1000.4 | 949.4 | 923.0 | 900.7 | 895.5 |
| 37.5° | 960.6 | 889.8 | 834.6 | 789.7 | 761.3 | 745.6 | 730.8 |
| 40° | 848.2 | 787.4 | 733.1 | 694.9 | 673.4 | 661.9 | 652.8 |
| 42.5° | 761.7 | 706.1 | 652.1 | 623.0 | 603.5 | 596.5 | 591.2 |
| 45° | 642.2 | 590.4 | 553.0 | 531.0 | 519.6 | 507.9 | 502.4 |
| 47.5° | 546.4 | 504.4 | 479.7 | 461.0 | 448.8 | 441.9 | 438.3 |
| 50° | 492.1 | 457.7 | 435.6 | 421.4 | 410.4 | 404.8 | 401.9 |
| 52.5° | 444.0 | 415.8 | 397.3 | 385.9 | 378.4 | 374.4 | 373.2 |
| 55° | 382.5 | 360.9 | 349.1 | 339.2 | 333.8 | 330.1 | 328.6 |
| 57.5° | 332.4 | 315.8 | 306.3 | 298.1 | 296.1 | 292.9 | 291.9 |
| 60° | 299.6 | 286.8 | 278.7 | 273.2 | 271.4 | 267.7 | 268.4 |
| 62.5° | 270.6 | 260.0 | 253.2 | 250.1 | 247.6 | 244.5 | 245.5 |
| 65° | 228.8 | 221.1 | 217.4 | 214.5 | 211.6 | 209.8 | 211.2 |
| 67.5° | 192.0 | 186.7 | 181.7 | 180.0 | 178.6 | 178.3 | 176.7 |
| 70° | 168.0 | 163.5 | 159.2 | 158.1 | 158.1 | 156.6 | 156.2 |
| 72.5° | 144.8 | 141.6 | 138.6 | 137.8 | 136.7 | 137.2 | 135.7 |
| 75° | 111.9 | 109.2 | 108.2 | 107.1 | 106.7 | 106.7 | 105.7 |
| 77.5° | 82.7 | 80.8 | 79.0 | 79.0 | 77.7 | 77.2 | 77.0 |
| 80° | 62.7 | 62.0 | 60.5 | 60.5 | 59.8 | 60.1 | 59.4 |
| 82.5° | 47.1 | 46.1 | 45.8 | 45.2 | 44.2 | 44.3 | 43.5 |
| 85° | 25.3 | 24.2 | 23.8 | 22.7 | 22.0 | 22.7 | 22.0 |
| 87.5° | 10.1 | 9.8 | 9.5 | 9.0 | 8.8 | 8.8 | 7.8 |
| 90° | 6.3 | 6.7 | 6.7 | 7.0 | 7.4 | 7.0 | 7.0 |
| 92.5° | 49.2 | 39.2 | 32.5 | 28.6 | 26.8 | 25.6 | 25.6 |
| 95° | 195.2 | 150.5 | 118.3 | 101.9 | 91.6 | 85.6 | 81.2 |
| 97.5° | 345.5 | 312.9 | 278.1 | 254.2 | 234.2 | 224.2 | 217.3 |
| 100° | 408.4 | 392.1 | 367.4 | 338.5 | 318.1 | 308.1 | 305.5 |
| 102.5° | 432.9 | 437.6 | 427.3 | 409.6 | 394.9 | 384.4 | 382.2 |
| 105° | 430.7 | 463.7 | 477.4 | 478.1 | 475.3 | 470.7 | 468.7 |
| 107.5° | 396.4 | 442.8 | 472.6 | 489.0 | 496.6 | 499.9 | 500.8 |
| 110° | 369.8 | 418.1 | 454.7 | 478.3 | 492.4 | 498.3 | 501.3 |



TEST NUMBER: P332537-830

CATALOG NUMBER: S124DIP-S575D365U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 346.3 | 391.9 | 428.6 | 455.4 | 472.4 | 480.8 | 485.6 |
| 115° | 319.4 | 358.4 | 390.4 | 416.7 | 436.7 | 447.4 | 450.1 |
| 117.5° | 304.2 | 334.8 | 361.9 | 384.4 | 401.1 | 411.9 | 414.0 |
| 120° | 297.5 | 324.1 | 347.8 | 366.7 | 381.4 | 390.1 | 393.8 |
| 122.5° | 293.2 | 317.4 | 338.2 | 354.2 | 366.7 | 374.1 | 377.8 |
| 125° | 286.4 | 309.4 | 327.8 | 341.1 | 350.8 | 357.1 | 359.1 |
| 127.5° | 278.5 | 301.5 | 318.9 | 332.2 | 340.8 | 346.2 | 348.2 |
| 130° | 272.2 | 294.8 | 312.5 | 326.1 | 334.4 | 339.8 | 341.8 |
| 132.5° | 264.9 | 287.1 | 304.7 | 318.1 | 327.5 | 332.6 | 334.6 |
| 135° | 254.2 | 274.5 | 291.2 | 304.4 | 313.8 | 319.1 | 321.1 |
| 137.5° | 243.8 | 261.0 | 276.0 | 288.5 | 297.7 | 302.1 | 304.4 |
| 140° | 237.1 | 252.1 | 266.2 | 277.9 | 285.1 | 289.8 | 292.5 |
| 142.5° | 231.6 | 244.4 | 256.6 | 266.9 | 273.7 | 277.9 | 279.7 |
| 145° | 223.9 | 233.8 | 243.2 | 251.5 | 257.1 | 260.5 | 262.1 |
| 147.5° | 217.2 | 225.2 | 232.5 | 238.7 | 243.6 | 246.0 | 246.7 |
| 150° | 213.2 | 219.9 | 225.8 | 231.2 | 235.5 | 237.5 | 237.8 |
| 152.5° | 209.2 | 215.4 | 220.3 | 224.8 | 228.3 | 229.5 | 229.9 |
| 155° | 203.5 | 208.5 | 212.5 | 215.8 | 218.5 | 219.5 | 219.5 |
| 157.5° | 197.9 | 202.2 | 205.4 | 207.8 | 209.9 | 210.5 | 210.5 |
| 160° | 194.2 | 197.8 | 200.6 | 202.6 | 204.5 | 204.9 | 204.9 |
| 162.5° | 190.8 | 193.6 | 196.0 | 197.5 | 199.4 | 199.8 | 199.5 |
| 165° | 185.6 | 187.8 | 189.5 | 190.9 | 192.2 | 191.9 | 191.5 |
| 167.5° | 181.2 | 183.0 | 184.0 | 184.6 | 185.6 | 185.5 | 185.2 |
| 170° | 178.2 | 179.6 | 180.6 | 181.3 | 181.5 | 181.3 | 181.3 |
| 172.5° | 175.8 | 176.6 | 177.4 | 177.8 | 178.0 | 177.8 | 177.2 |
| 175° | 172.6 | 173.2 | 173.2 | 173.2 | 173.9 | 173.2 | 172.6 |
| 177.5° | 170.6 | 170.6 | 170.9 | 170.6 | 170.9 | 170.3 | 169.8 |
| 180° | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 | 169.6 |

(END OF REPORT)