

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: P332897-840

Luminaire Tested: **S124RDIP-S575D365U840-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332897-840
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: S124RDIP-S575D365U840-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3787.4 lumens
Efficiency: N/A
Efficacy: 137.7 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

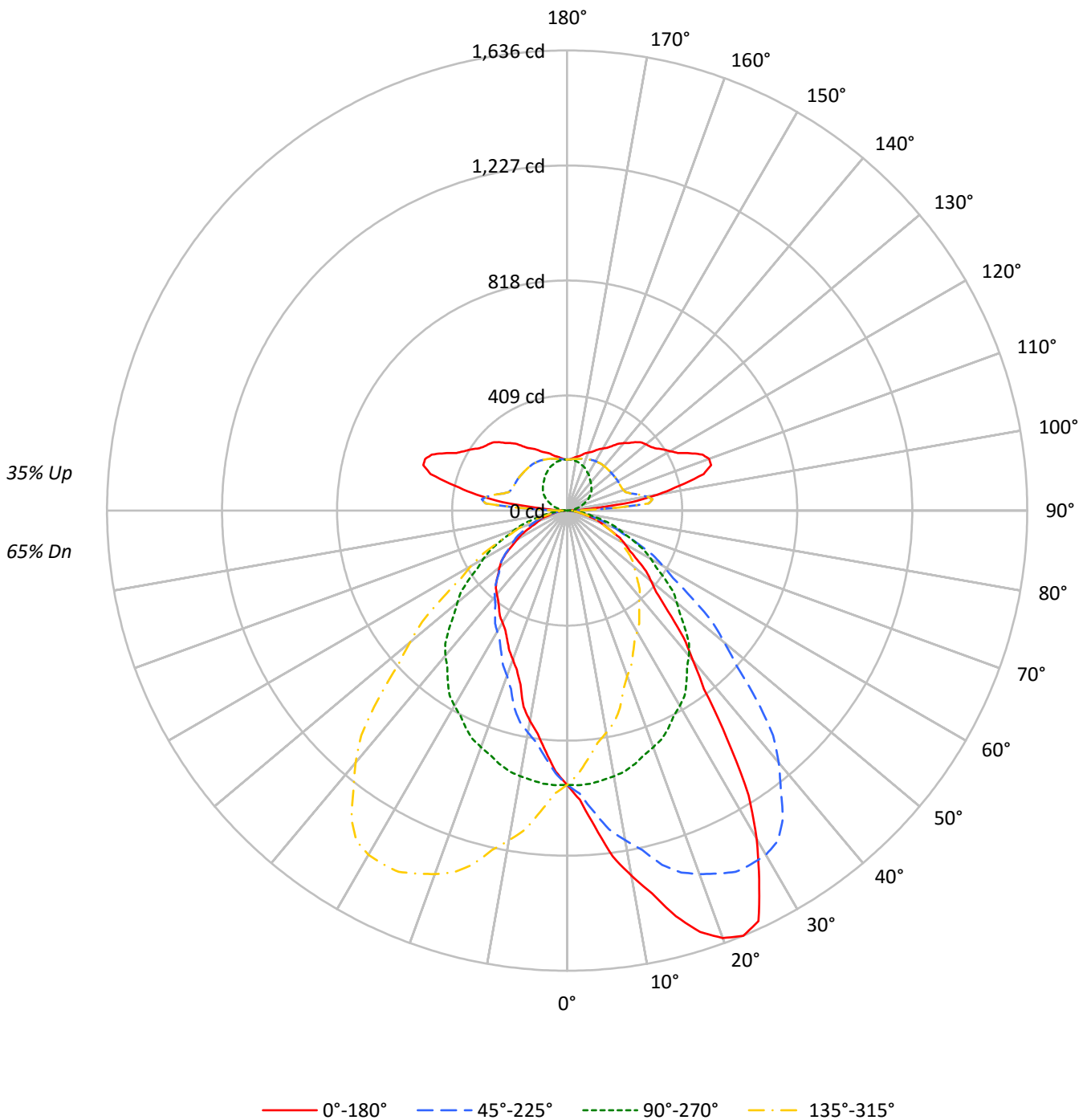
Input Watts (W): 27.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-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 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 80 | 80 | 80 | 70 | 70 | 70 | 65 |
| 1 | 102 | 98 | 94 | 90 | 96 | 92 | 89 | 86 | 81 | 79 | 77 | 72 | 70 | 68 | 63 | 62 | 60 | 56 |
| 2 | 93 | 86 | 80 | 75 | 87 | 81 | 76 | 71 | 72 | 68 | 65 | 64 | 61 | 58 | 56 | 54 | 52 | 48 |
| 3 | 85 | 76 | 69 | 63 | 80 | 72 | 66 | 60 | 64 | 59 | 55 | 57 | 53 | 50 | 50 | 47 | 45 | 41 |
| 4 | 78 | 68 | 60 | 54 | 74 | 64 | 57 | 52 | 57 | 52 | 47 | 51 | 47 | 43 | 45 | 42 | 39 | 36 |
| 5 | 72 | 61 | 53 | 47 | 68 | 58 | 50 | 45 | 52 | 46 | 41 | 46 | 41 | 38 | 41 | 37 | 34 | 31 |
| 6 | 67 | 55 | 47 | 41 | 63 | 52 | 45 | 39 | 47 | 41 | 36 | 42 | 37 | 33 | 37 | 33 | 30 | 28 |
| 7 | 62 | 50 | 42 | 36 | 58 | 47 | 40 | 35 | 43 | 37 | 32 | 38 | 33 | 30 | 34 | 30 | 27 | 25 |
| 8 | 58 | 45 | 37 | 32 | 54 | 43 | 36 | 31 | 39 | 33 | 29 | 35 | 30 | 27 | 31 | 28 | 25 | 22 |
| 9 | 54 | 41 | 34 | 29 | 51 | 40 | 33 | 28 | 36 | 30 | 26 | 32 | 28 | 24 | 29 | 25 | 22 | 20 |
| 10 | 50 | 38 | 31 | 26 | 47 | 36 | 30 | 25 | 33 | 27 | 24 | 30 | 25 | 22 | 27 | 23 | 20 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 7873 | 7873 | 7873 | 7873 |
| 5° | 9132 | 7896 | 6980 | 7896 |
| 10° | 10803 | 7862 | 6229 | 7862 |
| 15° | 12479 | 7789 | 5353 | 7789 |
| 20° | 13894 | 7689 | 4840 | 7689 |
| 25° | 14343 | 7591 | 4494 | 7591 |
| 30° | 12557 | 7471 | 4285 | 7471 |
| 35° | 9773 | 7295 | 4159 | 7295 |
| 40° | 7330 | 7093 | 4091 | 7093 |
| 45° | 5787 | 6769 | 4055 | 6769 |
| 50° | 4886 | 6395 | 3939 | 6395 |
| 55° | 4259 | 5985 | 3727 | 5985 |
| 60° | 3831 | 5557 | 3299 | 5557 |
| 65° | 3377 | 5096 | 2839 | 5096 |
| 70° | 3043 | 4619 | 2561 | 4619 |
| 75° | 2548 | 4095 | 2183 | 4095 |
| 80° | 2157 | 3487 | 2046 | 3487 |
| 85° | 1825 | 2732 | 1825 | 2732 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 94.5 | 2.5 |
| 10°-20° | 285.0 | 7.5 |
| 20°-30° | 445.8 | 11.8 |
| 30°-40° | 495.6 | 13.1 |
| 40°-50° | 439.7 | 11.6 |
| 50°-60° | 342.6 | 9.0 |
| 60°-70° | 224.3 | 5.9 |
| 70°-80° | 110.3 | 2.9 |
| 80°-90° | 28.2 | 0.7 |
| 90°-100° | 131.2 | 3.5 |
| 100°-110° | 273.1 | 7.2 |
| 110°-120° | 244.6 | 6.5 |
| 120°-130° | 205.8 | 5.4 |
| 130°-140° | 171.6 | 4.5 |
| 140°-150° | 131.1 | 3.5 |
| 150°-160° | 92.1 | 2.4 |
| 160°-170° | 54.2 | 1.4 |
| 170°-180° | 17.6 | 0.5 |
| 0°-30° | 825.3 | 21.8 |
| 0°-40° | 1320.9 | 34.9 |
| 0°-60° | 2103.3 | 55.5 |
| 0°-90° | 2466.2 | 65.1 |
| 90°-120° | 648.9 | 17.1 |
| 90°-150° | 1157.3 | 30.6 |
| 90°-180° | 1321.0 | 34.9 |
| 0°-180° | 3787.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 975 | 975 | 975 | 975 | 975 | |
| 5° | 1127 | 974 | 861 | 974 | 1127 | 114 |
| 15° | 1493 | 932 | 640 | 932 | 1493 | 425 |
| 25° | 1610 | 852 | 504 | 852 | 1610 | 714 |
| 35° | 992 | 740 | 422 | 740 | 992 | 622 |
| 45° | 507 | 593 | 355 | 593 | 507 | 401 |
| 55° | 303 | 425 | 265 | 425 | 303 | 275 |
| 65° | 177 | 267 | 149 | 267 | 177 | 178 |
| 75° | 82 | 131 | 70 | 131 | 82 | 90 |
| 85° | 20 | 30 | 20 | 30 | 20 | 22 |
| 90° | 8 | 0 | 8 | 0 | 8 | 7 |
| 95° | 87 | 12 | 87 | 12 | 87 | 135 |
| 105° | 502 | 42 | 502 | 42 | 502 | 496 |
| 115° | 482 | 74 | 482 | 74 | 482 | 479 |
| 125° | 385 | 102 | 385 | 102 | 385 | 350 |
| 135° | 344 | 122 | 344 | 122 | 344 | 266 |
| 145° | 281 | 140 | 281 | 140 | 281 | 178 |
| 155° | 235 | 160 | 235 | 160 | 235 | 110 |
| 165° | 205 | 174 | 205 | 174 | 205 | 59 |
| 175° | 185 | 181 | 185 | 181 | 185 | 18 |
| 180° | 182 | 182 | 182 | 182 | 182 | |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 1028.6 | 1031.5 | 1028.6 | 1028.3 | 1025.2 | 1024.3 | 1023.0 | 1019.0 | 1011.4 | 1006.9 | 1007.9 |
| 5° | 1126.9 | 1136.7 | 1131.3 | 1130.4 | 1121.8 | 1113.2 | 1107.6 | 1095.1 | 1081.7 | 1072.7 | 1065.2 |
| 7.5° | 1240.5 | 1246.2 | 1242.7 | 1237.2 | 1223.2 | 1215.3 | 1202.5 | 1186.0 | 1162.1 | 1143.7 | 1127.0 |
| 10° | 1317.9 | 1322.5 | 1321.0 | 1310.8 | 1300.6 | 1279.7 | 1268.0 | 1244.8 | 1214.5 | 1190.5 | 1168.1 |
| 12.5° | 1393.9 | 1399.0 | 1385.1 | 1385.6 | 1366.2 | 1349.8 | 1331.1 | 1302.0 | 1267.0 | 1236.1 | 1208.1 |
| 15° | 1493.1 | 1486.8 | 1486.8 | 1478.9 | 1457.3 | 1434.5 | 1415.3 | 1384.6 | 1340.6 | 1303.7 | 1264.9 |
| 17.5° | 1570.7 | 1573.0 | 1569.7 | 1551.2 | 1534.2 | 1510.7 | 1475.3 | 1439.6 | 1398.7 | 1349.1 | 1309.4 |
| 20° | 1617.3 | 1617.3 | 1613.8 | 1601.1 | 1579.1 | 1554.0 | 1515.9 | 1477.0 | 1425.1 | 1375.2 | 1330.4 |
| 22.5° | 1636.1 | 1637.4 | 1633.3 | 1622.9 | 1603.1 | 1578.5 | 1546.1 | 1506.5 | 1453.1 | 1396.9 | 1341.4 |
| 25° | 1610.2 | 1617.6 | 1618.4 | 1615.7 | 1609.8 | 1594.9 | 1567.0 | 1526.5 | 1478.5 | 1417.6 | 1358.0 |
| 27.5° | 1478.3 | 1487.7 | 1496.0 | 1509.5 | 1527.6 | 1537.1 | 1538.3 | 1517.7 | 1475.9 | 1417.3 | 1357.3 |
| 30° | 1347.0 | 1354.7 | 1380.3 | 1413.7 | 1439.7 | 1463.2 | 1483.7 | 1489.1 | 1465.6 | 1412.9 | 1349.7 |
| 32.5° | 1201.0 | 1211.7 | 1237.3 | 1273.2 | 1316.5 | 1356.3 | 1402.3 | 1425.6 | 1425.0 | 1393.4 | 1334.9 |
| 35° | 991.7 | 999.6 | 1023.2 | 1060.9 | 1112.8 | 1172.0 | 1244.8 | 1301.3 | 1339.9 | 1337.1 | 1301.3 |
| 37.5° | 799.8 | 808.7 | 832.5 | 863.8 | 914.1 | 987.5 | 1057.9 | 1135.9 | 1207.1 | 1247.1 | 1235.1 |
| 40° | 695.5 | 695.9 | 719.0 | 751.2 | 798.4 | 862.4 | 939.1 | 1025.5 | 1104.9 | 1169.7 | 1182.2 |
| 42.5° | 613.1 | 613.2 | 628.5 | 663.3 | 697.2 | 757.5 | 830.6 | 916.5 | 1009.4 | 1084.2 | 1117.5 |
| 45° | 506.9 | 510.4 | 523.0 | 543.8 | 570.5 | 621.6 | 680.1 | 759.9 | 864.0 | 952.8 | 1008.2 |
| 47.5° | 429.2 | 434.4 | 442.4 | 459.4 | 480.7 | 514.7 | 563.1 | 634.8 | 719.5 | 817.2 | 896.1 |
| 50° | 389.0 | 389.8 | 400.0 | 409.4 | 427.9 | 455.0 | 497.5 | 557.1 | 635.0 | 728.8 | 816.5 |
| 52.5° | 354.5 | 354.3 | 360.4 | 372.3 | 387.4 | 408.5 | 442.7 | 497.2 | 566.1 | 650.3 | 740.7 |
| 55° | 302.6 | 304.5 | 309.2 | 318.6 | 330.0 | 345.0 | 372.1 | 412.9 | 467.2 | 539.1 | 621.2 |
| 57.5° | 263.1 | 264.1 | 267.8 | 271.9 | 282.3 | 293.2 | 313.5 | 341.8 | 387.6 | 446.5 | 523.0 |
| 60° | 237.3 | 237.7 | 238.9 | 244.8 | 253.1 | 263.3 | 277.0 | 300.9 | 339.5 | 393.3 | 453.8 |
| 62.5° | 212.2 | 212.9 | 214.7 | 219.0 | 225.4 | 232.5 | 246.8 | 266.1 | 298.0 | 344.0 | 398.5 |
| 65° | 176.8 | 177.2 | 180.0 | 181.6 | 186.6 | 192.9 | 203.5 | 216.5 | 238.5 | 277.0 | 318.3 |
| 67.5° | 147.7 | 147.7 | 147.8 | 150.1 | 153.6 | 157.7 | 164.1 | 174.5 | 191.1 | 214.7 | 251.1 |
| 70° | 128.9 | 128.9 | 129.7 | 130.9 | 132.8 | 136.3 | 139.9 | 147.7 | 160.0 | 179.2 | 207.0 |
| 72.5° | 111.3 | 111.6 | 112.4 | 112.6 | 113.6 | 116.5 | 119.2 | 124.1 | 133.2 | 147.7 | 170.3 |
| 75° | 81.7 | 82.9 | 84.8 | 86.4 | 88.4 | 88.1 | 90.8 | 93.9 | 96.6 | 105.3 | 118.3 |
| 77.5° | 60.8 | 60.2 | 60.4 | 61.8 | 62.0 | 62.4 | 64.3 | 66.8 | 68.9 | 72.9 | 77.6 |
| 80° | 46.4 | 46.4 | 47.6 | 48.0 | 47.6 | 48.0 | 49.9 | 51.1 | 51.9 | 53.4 | 57.8 |
| 82.5° | 35.0 | 35.6 | 35.2 | 35.6 | 36.0 | 36.4 | 38.0 | 38.2 | 39.0 | 39.6 | 41.4 |
| 85° | 19.7 | 20.0 | 20.4 | 19.7 | 19.7 | 19.7 | 20.4 | 20.8 | 21.6 | 21.2 | 22.0 |
| 87.5° | 8.4 | 8.1 | 8.5 | 8.4 | 8.7 | 8.4 | 8.6 | 9.2 | 8.5 | 8.8 | 8.7 |
| 90° | 7.5 | 7.5 | 7.9 | 7.5 | 7.2 | 7.2 | 6.8 | 6.5 | 6.1 | 6.5 | 5.8 |
| 92.5° | 27.5 | 27.5 | 28.7 | 30.6 | 34.8 | 42.0 | 52.7 | 70.1 | 94.3 | 113.2 | 99.1 |
| 95° | 87.1 | 91.7 | 98.2 | 109.2 | 126.7 | 161.3 | 209.1 | 264.5 | 299.1 | 290.8 | 219.5 |
| 97.5° | 232.8 | 240.2 | 251.0 | 272.4 | 298.0 | 335.3 | 370.2 | 390.7 | 375.8 | 306.4 | 205.4 |
| 100° | 327.3 | 330.1 | 340.8 | 362.6 | 393.6 | 420.1 | 437.6 | 430.4 | 378.3 | 287.0 | 186.3 |
| 102.5° | 409.5 | 411.8 | 423.1 | 438.9 | 457.9 | 468.9 | 463.8 | 428.5 | 356.9 | 262.7 | 173.5 |
| 105° | 502.2 | 504.3 | 509.3 | 512.2 | 511.5 | 496.9 | 461.5 | 399.7 | 318.0 | 234.1 | 162.4 |
| 107.5° | 536.5 | 535.6 | 532.1 | 523.9 | 506.3 | 474.4 | 424.7 | 359.0 | 286.6 | 218.1 | 160.4 |
| 110° | 537.1 | 533.9 | 527.6 | 512.5 | 487.2 | 448.0 | 396.2 | 334.5 | 270.9 | 212.7 | 161.0 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 520.3 | 515.1 | 506.1 | 488.0 | 459.2 | 419.9 | 371.0 | 316.4 | 262.1 | 210.2 | 162.7 |
| 115° | 482.2 | 479.4 | 467.9 | 446.5 | 418.3 | 384.1 | 342.2 | 298.4 | 253.8 | 208.8 | 165.9 |
| 117.5° | 443.5 | 441.3 | 429.8 | 411.8 | 387.8 | 358.7 | 325.9 | 289.5 | 250.0 | 208.4 | 169.5 |
| 120° | 421.9 | 418.0 | 408.7 | 392.9 | 372.6 | 347.3 | 318.7 | 285.5 | 248.0 | 208.4 | 172.1 |
| 122.5° | 404.8 | 400.8 | 392.9 | 379.5 | 362.3 | 340.1 | 314.2 | 282.1 | 245.8 | 208.1 | 174.6 |
| 125° | 384.8 | 382.6 | 375.9 | 365.5 | 351.2 | 331.5 | 306.9 | 276.3 | 242.0 | 207.7 | 178.4 |
| 127.5° | 373.0 | 370.9 | 365.2 | 356.0 | 341.6 | 323.1 | 298.4 | 269.1 | 236.9 | 206.9 | 181.6 |
| 130° | 366.2 | 364.1 | 358.3 | 349.4 | 334.8 | 315.9 | 291.6 | 263.4 | 233.8 | 206.6 | 183.8 |
| 132.5° | 358.5 | 356.4 | 350.9 | 340.8 | 326.5 | 307.6 | 283.9 | 257.4 | 231.0 | 206.4 | 185.8 |
| 135° | 344.1 | 341.9 | 336.2 | 326.2 | 311.9 | 294.1 | 272.4 | 249.1 | 226.6 | 205.9 | 188.8 |
| 137.5° | 326.2 | 323.7 | 318.9 | 309.1 | 295.7 | 279.6 | 261.3 | 241.7 | 223.0 | 205.9 | 190.6 |
| 140° | 313.4 | 310.5 | 305.5 | 297.7 | 285.2 | 270.1 | 254.1 | 237.3 | 221.0 | 205.6 | 192.0 |
| 142.5° | 299.6 | 297.7 | 293.3 | 286.0 | 274.9 | 261.9 | 248.1 | 233.4 | 219.2 | 205.6 | 193.2 |
| 145° | 280.8 | 279.1 | 275.5 | 269.4 | 260.5 | 250.5 | 239.8 | 227.7 | 216.3 | 204.9 | 193.8 |
| 147.5° | 264.3 | 263.6 | 260.9 | 255.7 | 249.1 | 241.3 | 232.7 | 223.1 | 213.7 | 203.6 | 194.2 |
| 150° | 254.8 | 254.5 | 252.4 | 247.7 | 242.0 | 235.6 | 228.4 | 220.3 | 211.7 | 202.7 | 194.2 |
| 152.5° | 246.3 | 245.9 | 244.6 | 240.9 | 236.0 | 230.8 | 224.2 | 217.1 | 209.3 | 201.3 | 193.6 |
| 155° | 235.2 | 235.2 | 234.1 | 231.3 | 227.7 | 223.4 | 218.0 | 212.4 | 205.9 | 199.1 | 192.8 |
| 157.5° | 225.5 | 225.5 | 224.9 | 222.7 | 220.0 | 216.6 | 212.1 | 207.3 | 202.5 | 196.9 | 191.8 |
| 160° | 219.5 | 219.5 | 219.1 | 217.0 | 214.9 | 212.0 | 208.0 | 204.2 | 199.9 | 195.2 | 191.0 |
| 162.5° | 213.8 | 214.1 | 213.7 | 211.6 | 210.1 | 207.4 | 204.4 | 201.1 | 197.6 | 193.5 | 190.1 |
| 165° | 205.2 | 205.6 | 205.9 | 204.5 | 203.1 | 201.3 | 198.8 | 196.6 | 193.8 | 191.0 | 188.4 |
| 167.5° | 198.4 | 198.7 | 198.8 | 197.8 | 197.1 | 196.1 | 194.1 | 192.5 | 190.4 | 188.3 | 186.7 |
| 170° | 194.2 | 194.2 | 194.5 | 194.2 | 193.5 | 192.4 | 191.0 | 189.9 | 188.1 | 186.6 | 185.6 |
| 172.5° | 189.9 | 190.5 | 190.8 | 190.5 | 190.1 | 189.2 | 188.3 | 187.6 | 186.1 | 184.9 | 184.5 |
| 175° | 184.9 | 185.6 | 186.3 | 185.6 | 185.6 | 185.6 | 184.9 | 184.5 | 183.8 | 183.1 | 183.1 |
| 177.5° | 182.0 | 182.5 | 183.1 | 182.8 | 183.1 | 182.8 | 182.8 | 182.5 | 182.3 | 182.0 | 182.0 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 1004.8 | 1000.4 | 998.2 | 993.1 | 987.1 | 984.0 | 981.2 | 977.1 | 971.8 | 966.1 | 962.0 |
| 5° | 1055.8 | 1046.3 | 1034.5 | 1020.4 | 1007.8 | 995.6 | 985.0 | 974.4 | 962.3 | 949.7 | 937.2 |
| 7.5° | 1108.1 | 1089.5 | 1069.5 | 1046.3 | 1023.8 | 1003.3 | 984.4 | 966.3 | 945.9 | 927.6 | 910.9 |
| 10° | 1144.6 | 1119.4 | 1091.6 | 1062.1 | 1032.6 | 1007.0 | 981.9 | 959.1 | 933.9 | 911.6 | 892.7 |
| 12.5° | 1174.2 | 1144.6 | 1111.1 | 1074.3 | 1038.8 | 1007.9 | 979.1 | 949.4 | 920.8 | 896.5 | 871.3 |
| 15° | 1223.1 | 1182.7 | 1137.5 | 1093.5 | 1047.5 | 1005.5 | 966.5 | 932.0 | 899.4 | 865.3 | 841.2 |
| 17.5° | 1256.9 | 1208.8 | 1154.0 | 1101.1 | 1046.7 | 997.1 | 952.3 | 911.1 | 873.4 | 838.6 | 810.0 |
| 20° | 1277.0 | 1224.0 | 1163.1 | 1102.9 | 1042.0 | 989.0 | 940.7 | 895.0 | 856.2 | 818.5 | 789.0 |
| 22.5° | 1288.3 | 1229.6 | 1163.1 | 1100.0 | 1037.0 | 979.6 | 926.6 | 879.1 | 836.7 | 799.0 | 766.4 |
| 25° | 1291.9 | 1229.0 | 1161.0 | 1088.7 | 1019.7 | 958.8 | 903.7 | 852.2 | 805.1 | 767.4 | 732.8 |
| 27.5° | 1286.9 | 1212.8 | 1143.3 | 1069.0 | 997.7 | 933.5 | 875.8 | 821.6 | 774.5 | 734.0 | 698.5 |
| 30° | 1279.3 | 1200.0 | 1125.3 | 1048.3 | 976.0 | 914.3 | 853.4 | 801.5 | 752.5 | 710.4 | 674.7 |
| 32.5° | 1263.0 | 1184.3 | 1104.0 | 1025.0 | 951.8 | 888.3 | 830.5 | 778.3 | 730.1 | 687.1 | 649.1 |
| 35° | 1230.6 | 1150.8 | 1063.6 | 982.7 | 910.8 | 844.8 | 790.5 | 740.2 | 694.3 | 648.3 | 608.2 |
| 37.5° | 1187.9 | 1106.5 | 1019.7 | 931.1 | 859.1 | 796.8 | 747.0 | 699.8 | 654.9 | 613.0 | 568.6 |
| 40° | 1147.7 | 1073.5 | 983.9 | 895.9 | 822.0 | 761.8 | 715.9 | 673.1 | 627.9 | 586.2 | 541.8 |
| 42.5° | 1099.0 | 1035.7 | 945.2 | 856.9 | 784.0 | 726.0 | 683.2 | 641.4 | 600.3 | 559.9 | 513.5 |
| 45° | 1017.6 | 969.8 | 884.8 | 800.0 | 726.5 | 669.1 | 629.9 | 592.9 | 556.7 | 518.3 | 474.6 |
| 47.5° | 924.4 | 892.0 | 818.8 | 731.8 | 663.9 | 612.3 | 574.3 | 544.1 | 513.5 | 475.0 | 436.8 |
| 50° | 859.7 | 838.9 | 768.2 | 688.8 | 624.0 | 576.4 | 537.6 | 509.2 | 483.7 | 446.8 | 412.5 |
| 52.5° | 790.5 | 779.5 | 719.7 | 643.8 | 581.2 | 534.6 | 501.4 | 475.9 | 450.1 | 419.4 | 387.4 |
| 55° | 685.3 | 691.2 | 640.5 | 574.8 | 515.9 | 476.7 | 446.4 | 425.2 | 403.1 | 377.2 | 352.4 |
| 57.5° | 577.5 | 599.2 | 565.1 | 507.5 | 452.2 | 416.0 | 393.1 | 375.3 | 356.9 | 335.3 | 314.2 |
| 60° | 513.1 | 531.2 | 512.0 | 461.3 | 412.9 | 379.2 | 358.0 | 344.2 | 325.7 | 306.1 | 289.9 |
| 62.5° | 450.3 | 469.6 | 458.2 | 417.3 | 372.4 | 343.4 | 324.7 | 311.8 | 298.1 | 280.9 | 264.2 |
| 65° | 371.3 | 383.8 | 378.4 | 350.1 | 318.3 | 293.5 | 276.2 | 266.8 | 254.2 | 241.7 | 226.7 |
| 67.5° | 284.4 | 308.7 | 305.5 | 290.4 | 263.0 | 243.6 | 232.3 | 224.0 | 212.5 | 203.2 | 193.0 |
| 70° | 233.8 | 256.2 | 255.8 | 243.6 | 228.6 | 210.6 | 202.8 | 195.7 | 185.4 | 176.4 | 168.1 |
| 72.5° | 191.4 | 211.9 | 214.9 | 205.6 | 195.4 | 181.7 | 174.1 | 169.3 | 159.4 | 153.2 | 146.4 |
| 75° | 134.0 | 149.0 | 152.9 | 152.9 | 148.1 | 141.1 | 134.4 | 131.3 | 124.1 | 118.7 | 114.7 |
| 77.5° | 87.9 | 97.3 | 103.4 | 104.8 | 105.5 | 103.2 | 97.7 | 95.4 | 90.1 | 88.1 | 84.3 |
| 80° | 62.1 | 68.4 | 75.4 | 77.8 | 79.8 | 79.0 | 76.6 | 75.0 | 70.0 | 68.0 | 66.4 |
| 82.5° | 42.9 | 46.4 | 52.2 | 57.4 | 56.9 | 58.9 | 56.9 | 55.5 | 51.7 | 51.0 | 49.4 |
| 85° | 22.4 | 22.8 | 23.5 | 27.1 | 29.1 | 29.9 | 30.3 | 29.5 | 28.3 | 28.3 | 25.5 |
| 87.5° | 8.6 | 8.2 | 8.4 | 8.4 | 8.7 | 9.9 | 10.6 | 10.8 | 10.0 | 9.2 | 8.4 |
| 90° | 4.9 | 4.9 | 2.8 | 2.8 | 2.5 | 2.1 | 1.1 | 0.4 | 1.1 | 2.1 | 2.5 |
| 92.5° | 72.1 | 44.4 | 26.3 | 18.9 | 13.6 | 9.3 | 6.0 | 4.0 | 6.0 | 9.3 | 13.6 |
| 95° | 134.2 | 75.6 | 44.6 | 29.6 | 21.1 | 16.5 | 12.8 | 11.8 | 12.8 | 16.5 | 21.1 |
| 97.5° | 120.7 | 72.3 | 48.4 | 35.9 | 28.5 | 24.2 | 21.1 | 21.1 | 21.1 | 24.2 | 28.5 |
| 100° | 113.5 | 73.2 | 52.1 | 40.7 | 33.9 | 29.6 | 27.2 | 27.2 | 27.2 | 29.6 | 33.9 |
| 102.5° | 111.5 | 76.0 | 57.0 | 46.2 | 39.6 | 35.6 | 33.4 | 32.8 | 33.4 | 35.6 | 39.6 |
| 105° | 112.4 | 82.8 | 65.6 | 55.3 | 48.9 | 44.6 | 42.8 | 41.8 | 42.8 | 44.6 | 48.9 |
| 107.5° | 117.8 | 90.7 | 75.0 | 64.8 | 58.7 | 54.1 | 52.3 | 51.6 | 52.3 | 54.1 | 58.7 |
| 110° | 121.7 | 96.7 | 81.0 | 71.4 | 64.9 | 60.7 | 58.9 | 58.2 | 58.9 | 60.7 | 64.9 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 126.0 | 102.4 | 87.3 | 77.7 | 71.2 | 67.3 | 65.1 | 64.4 | 65.1 | 67.3 | 71.2 |
| 115° | 132.8 | 111.4 | 97.0 | 87.5 | 80.7 | 77.1 | 74.6 | 73.5 | 74.6 | 77.1 | 80.7 |
| 117.5° | 139.7 | 120.0 | 106.4 | 96.4 | 90.1 | 86.1 | 83.9 | 82.9 | 83.9 | 86.1 | 90.1 |
| 120° | 144.5 | 126.0 | 112.4 | 102.4 | 96.3 | 92.4 | 90.0 | 89.3 | 90.0 | 92.4 | 96.3 |
| 122.5° | 149.2 | 131.7 | 118.2 | 108.5 | 101.8 | 98.2 | 95.6 | 94.9 | 95.6 | 98.2 | 101.8 |
| 125° | 155.9 | 139.6 | 126.7 | 116.7 | 110.0 | 106.0 | 103.8 | 102.4 | 103.8 | 106.0 | 110.0 |
| 127.5° | 161.9 | 146.8 | 134.4 | 124.3 | 117.2 | 112.8 | 110.2 | 109.1 | 110.2 | 112.8 | 117.2 |
| 130° | 165.6 | 151.7 | 139.6 | 129.2 | 122.4 | 117.0 | 114.2 | 112.8 | 114.2 | 117.0 | 122.4 |
| 132.5° | 169.4 | 155.7 | 143.5 | 133.8 | 126.4 | 121.4 | 117.6 | 116.5 | 117.6 | 121.4 | 126.4 |
| 135° | 174.2 | 161.3 | 149.6 | 140.3 | 132.8 | 126.7 | 123.1 | 121.7 | 123.1 | 126.7 | 132.8 |
| 137.5° | 177.6 | 165.6 | 154.6 | 145.7 | 137.9 | 132.2 | 128.3 | 126.9 | 128.3 | 132.2 | 137.9 |
| 140° | 179.9 | 168.4 | 157.7 | 149.2 | 141.7 | 135.6 | 131.7 | 130.7 | 131.7 | 135.6 | 141.7 |
| 142.5° | 181.6 | 171.1 | 160.6 | 152.3 | 145.1 | 139.4 | 135.7 | 134.6 | 135.7 | 139.4 | 145.1 |
| 145° | 183.5 | 173.8 | 164.5 | 156.7 | 149.9 | 144.9 | 141.4 | 140.3 | 141.4 | 144.9 | 149.9 |
| 147.5° | 185.1 | 176.6 | 167.9 | 160.9 | 155.2 | 150.2 | 146.9 | 146.6 | 146.9 | 150.2 | 155.2 |
| 150° | 185.9 | 178.1 | 170.3 | 163.5 | 158.1 | 153.8 | 151.0 | 150.6 | 151.0 | 153.8 | 158.1 |
| 152.5° | 186.5 | 179.3 | 172.3 | 166.0 | 161.3 | 157.2 | 154.4 | 154.3 | 154.4 | 157.2 | 161.3 |
| 155° | 187.0 | 181.0 | 174.9 | 169.6 | 165.6 | 162.1 | 159.9 | 159.6 | 159.9 | 162.1 | 165.6 |
| 157.5° | 187.0 | 182.2 | 177.0 | 172.8 | 169.4 | 166.6 | 164.6 | 164.6 | 164.6 | 166.6 | 169.4 |
| 160° | 187.0 | 182.8 | 178.4 | 174.5 | 171.7 | 169.2 | 167.7 | 167.7 | 167.7 | 169.2 | 171.7 |
| 162.5° | 187.0 | 183.3 | 179.4 | 176.2 | 173.7 | 171.5 | 170.4 | 170.6 | 170.4 | 171.5 | 173.7 |
| 165° | 186.3 | 183.5 | 180.3 | 178.1 | 176.3 | 174.5 | 173.8 | 173.8 | 173.8 | 174.5 | 176.3 |
| 167.5° | 185.4 | 183.4 | 181.1 | 179.4 | 178.3 | 177.0 | 176.6 | 177.0 | 176.6 | 177.0 | 178.3 |
| 170° | 184.9 | 183.1 | 181.3 | 180.3 | 179.6 | 178.4 | 178.1 | 178.4 | 178.1 | 178.4 | 179.6 |
| 172.5° | 184.3 | 182.8 | 181.6 | 180.8 | 180.4 | 179.6 | 179.6 | 179.9 | 179.6 | 179.6 | 180.4 |
| 175° | 183.5 | 182.4 | 181.7 | 181.7 | 181.3 | 181.0 | 181.0 | 181.3 | 181.0 | 181.0 | 181.3 |
| 177.5° | 182.5 | 182.0 | 181.7 | 181.7 | 181.7 | 181.4 | 181.7 | 182.0 | 181.7 | 181.4 | 181.7 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 957.7 | 954.5 | 950.4 | 945.6 | 940.0 | 935.0 | 932.8 | 934.6 | 935.6 | 933.1 | 932.8 |
| 5° | 928.5 | 918.7 | 910.8 | 899.0 | 889.6 | 881.7 | 876.2 | 873.8 | 874.6 | 868.4 | 866.8 |
| 7.5° | 895.6 | 884.0 | 871.2 | 857.2 | 844.1 | 832.6 | 826.6 | 823.2 | 816.6 | 813.7 | 808.9 |
| 10° | 874.6 | 858.9 | 846.4 | 829.8 | 815.0 | 801.1 | 794.5 | 789.0 | 782.3 | 779.1 | 772.4 |
| 12.5° | 852.9 | 834.8 | 820.9 | 803.8 | 788.5 | 771.9 | 765.6 | 755.4 | 744.9 | 738.3 | 729.7 |
| 15° | 822.3 | 800.4 | 783.5 | 763.1 | 745.0 | 726.1 | 709.2 | 690.3 | 683.3 | 668.3 | 659.7 |
| 17.5° | 786.6 | 764.3 | 743.4 | 716.0 | 688.1 | 664.7 | 646.6 | 628.6 | 617.7 | 608.2 | 603.8 |
| 20° | 763.1 | 742.7 | 713.6 | 681.8 | 650.7 | 624.7 | 610.2 | 598.4 | 586.6 | 580.0 | 575.2 |
| 22.5° | 740.7 | 714.7 | 680.9 | 646.5 | 615.5 | 595.2 | 582.9 | 570.8 | 561.2 | 554.8 | 548.6 |
| 25° | 703.4 | 669.1 | 633.4 | 594.1 | 572.9 | 555.2 | 541.8 | 532.0 | 526.1 | 517.9 | 514.7 |
| 27.5° | 664.9 | 623.5 | 584.0 | 557.6 | 535.5 | 519.4 | 507.8 | 500.4 | 492.9 | 487.6 | 483.5 |
| 30° | 635.3 | 593.3 | 558.0 | 532.8 | 510.4 | 497.1 | 487.6 | 479.0 | 473.1 | 468.8 | 465.6 |
| 32.5° | 606.1 | 564.1 | 534.3 | 507.4 | 489.7 | 476.7 | 466.6 | 460.1 | 455.4 | 449.9 | 448.0 |
| 35° | 563.8 | 526.5 | 500.6 | 476.3 | 458.2 | 446.4 | 438.5 | 431.8 | 427.9 | 426.4 | 425.2 |
| 37.5° | 523.2 | 492.6 | 464.7 | 444.7 | 428.7 | 419.4 | 410.1 | 406.9 | 404.1 | 401.3 | 402.6 |
| 40° | 497.5 | 468.8 | 444.0 | 422.8 | 409.8 | 399.6 | 394.0 | 390.2 | 387.8 | 387.8 | 387.8 |
| 42.5° | 475.1 | 447.1 | 422.9 | 403.9 | 390.9 | 382.3 | 376.2 | 372.8 | 372.1 | 371.7 | 373.7 |
| 45° | 440.5 | 414.5 | 390.2 | 374.5 | 363.5 | 354.8 | 351.2 | 348.5 | 348.5 | 350.1 | 350.5 |
| 47.5° | 406.2 | 381.8 | 362.2 | 344.7 | 334.6 | 329.2 | 326.1 | 324.7 | 324.9 | 326.4 | 328.2 |
| 50° | 385.1 | 361.1 | 341.8 | 326.1 | 316.7 | 311.5 | 308.8 | 308.0 | 308.8 | 308.8 | 311.5 |
| 52.5° | 362.1 | 340.6 | 321.7 | 308.5 | 297.8 | 293.1 | 291.5 | 290.4 | 290.9 | 292.2 | 293.4 |
| 55° | 328.5 | 309.2 | 291.1 | 278.6 | 270.7 | 267.6 | 264.1 | 264.5 | 263.7 | 264.5 | 264.5 |
| 57.5° | 294.8 | 277.5 | 260.6 | 250.6 | 243.8 | 239.2 | 235.4 | 236.4 | 235.3 | 235.1 | 234.5 |
| 60° | 273.1 | 254.2 | 240.9 | 231.9 | 224.0 | 220.0 | 216.5 | 217.3 | 216.1 | 215.3 | 213.8 |
| 62.5° | 249.5 | 233.8 | 221.1 | 212.4 | 206.0 | 201.5 | 197.9 | 197.1 | 194.4 | 191.8 | 188.2 |
| 65° | 215.3 | 202.4 | 191.0 | 182.7 | 176.8 | 173.3 | 170.6 | 168.1 | 162.3 | 156.0 | 152.9 |
| 67.5° | 182.1 | 172.7 | 162.1 | 155.1 | 150.4 | 145.7 | 140.5 | 136.4 | 130.9 | 127.4 | 125.5 |
| 70° | 160.7 | 151.7 | 142.6 | 135.9 | 130.9 | 126.5 | 120.6 | 117.9 | 113.9 | 112.4 | 110.4 |
| 72.5° | 140.3 | 131.9 | 123.4 | 117.4 | 112.0 | 108.6 | 104.0 | 101.2 | 99.5 | 98.9 | 96.8 |
| 75° | 109.3 | 102.6 | 96.2 | 90.8 | 86.4 | 84.1 | 82.1 | 80.2 | 79.4 | 75.8 | 73.8 |
| 77.5° | 79.7 | 75.2 | 71.4 | 67.5 | 64.3 | 62.8 | 59.0 | 56.8 | 55.4 | 53.7 | 53.3 |
| 80° | 62.1 | 59.0 | 55.0 | 52.6 | 48.4 | 46.8 | 45.1 | 44.8 | 44.4 | 44.0 | 43.6 |
| 82.5° | 46.7 | 43.5 | 39.6 | 38.2 | 37.1 | 36.1 | 35.1 | 34.7 | 34.3 | 34.5 | 34.5 |
| 85° | 23.5 | 22.0 | 22.0 | 21.6 | 21.2 | 20.8 | 20.4 | 20.4 | 20.0 | 20.4 | 20.0 |
| 87.5° | 8.4 | 8.1 | 8.6 | 7.9 | 8.4 | 8.5 | 8.1 | 8.2 | 8.6 | 8.1 | 8.1 |
| 90° | 2.8 | 2.8 | 4.9 | 4.9 | 5.8 | 6.5 | 6.1 | 6.5 | 6.8 | 7.2 | 7.2 |
| 92.5° | 18.9 | 26.3 | 44.4 | 72.1 | 99.1 | 113.2 | 94.3 | 70.1 | 52.7 | 42.0 | 34.8 |
| 95° | 29.6 | 44.6 | 75.6 | 134.2 | 219.5 | 290.8 | 299.1 | 264.5 | 209.1 | 161.3 | 126.7 |
| 97.5° | 35.9 | 48.4 | 72.3 | 120.7 | 205.4 | 306.4 | 375.8 | 390.7 | 370.2 | 335.3 | 298.0 |
| 100° | 40.7 | 52.1 | 73.2 | 113.5 | 186.3 | 287.0 | 378.3 | 430.4 | 437.6 | 420.1 | 393.6 |
| 102.5° | 46.2 | 57.0 | 76.0 | 111.5 | 173.5 | 262.7 | 356.9 | 428.5 | 463.8 | 468.9 | 457.9 |
| 105° | 55.3 | 65.6 | 82.8 | 112.4 | 162.4 | 234.1 | 318.0 | 399.7 | 461.5 | 496.9 | 511.5 |
| 107.5° | 64.8 | 75.0 | 90.7 | 117.8 | 160.4 | 218.1 | 286.6 | 359.0 | 424.7 | 474.4 | 506.3 |
| 110° | 71.4 | 81.0 | 96.7 | 121.7 | 161.0 | 212.7 | 270.9 | 334.5 | 396.2 | 448.0 | 487.2 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 77.7 | 87.3 | 102.4 | 126.0 | 162.7 | 210.2 | 262.1 | 316.4 | 371.0 | 419.9 | 459.2 |
| 115° | 87.5 | 97.0 | 111.4 | 132.8 | 165.9 | 208.8 | 253.8 | 298.4 | 342.2 | 384.1 | 418.3 |
| 117.5° | 96.4 | 106.4 | 120.0 | 139.7 | 169.5 | 208.4 | 250.0 | 289.5 | 325.9 | 358.7 | 387.8 |
| 120° | 102.4 | 112.4 | 126.0 | 144.5 | 172.1 | 208.4 | 248.0 | 285.5 | 318.7 | 347.3 | 372.6 |
| 122.5° | 108.5 | 118.2 | 131.7 | 149.2 | 174.6 | 208.1 | 245.8 | 282.1 | 314.2 | 340.1 | 362.3 |
| 125° | 116.7 | 126.7 | 139.6 | 155.9 | 178.4 | 207.7 | 242.0 | 276.3 | 306.9 | 331.5 | 351.2 |
| 127.5° | 124.3 | 134.4 | 146.8 | 161.9 | 181.6 | 206.9 | 236.9 | 269.1 | 298.4 | 323.1 | 341.6 |
| 130° | 129.2 | 139.6 | 151.7 | 165.6 | 183.8 | 206.6 | 233.8 | 263.4 | 291.6 | 315.9 | 334.8 |
| 132.5° | 133.8 | 143.5 | 155.7 | 169.4 | 185.8 | 206.4 | 231.0 | 257.4 | 283.9 | 307.6 | 326.5 |
| 135° | 140.3 | 149.6 | 161.3 | 174.2 | 188.8 | 205.9 | 226.6 | 249.1 | 272.4 | 294.1 | 311.9 |
| 137.5° | 145.7 | 154.6 | 165.6 | 177.6 | 190.6 | 205.9 | 223.0 | 241.7 | 261.3 | 279.6 | 295.7 |
| 140° | 149.2 | 157.7 | 168.4 | 179.9 | 192.0 | 205.6 | 221.0 | 237.3 | 254.1 | 270.1 | 285.2 |
| 142.5° | 152.3 | 160.6 | 171.1 | 181.6 | 193.2 | 205.6 | 219.2 | 233.4 | 248.1 | 261.9 | 274.9 |
| 145° | 156.7 | 164.5 | 173.8 | 183.5 | 193.8 | 204.9 | 216.3 | 227.7 | 239.8 | 250.5 | 260.5 |
| 147.5° | 160.9 | 167.9 | 176.6 | 185.1 | 194.2 | 203.6 | 213.7 | 223.1 | 232.7 | 241.3 | 249.1 |
| 150° | 163.5 | 170.3 | 178.1 | 185.9 | 194.2 | 202.7 | 211.7 | 220.3 | 228.4 | 235.6 | 242.0 |
| 152.5° | 166.0 | 172.3 | 179.3 | 186.5 | 193.6 | 201.3 | 209.3 | 217.1 | 224.2 | 230.8 | 236.0 |
| 155° | 169.6 | 174.9 | 181.0 | 187.0 | 192.8 | 199.1 | 205.9 | 212.4 | 218.0 | 223.4 | 227.7 |
| 157.5° | 172.8 | 177.0 | 182.2 | 187.0 | 191.8 | 196.9 | 202.5 | 207.3 | 212.1 | 216.6 | 220.0 |
| 160° | 174.5 | 178.4 | 182.8 | 187.0 | 191.0 | 195.2 | 199.9 | 204.2 | 208.0 | 212.0 | 214.9 |
| 162.5° | 176.2 | 179.4 | 183.3 | 187.0 | 190.1 | 193.5 | 197.6 | 201.1 | 204.4 | 207.4 | 210.1 |
| 165° | 178.1 | 180.3 | 183.5 | 186.3 | 188.4 | 191.0 | 193.8 | 196.6 | 198.8 | 201.3 | 203.1 |
| 167.5° | 179.4 | 181.1 | 183.4 | 185.4 | 186.7 | 188.3 | 190.4 | 192.5 | 194.1 | 196.1 | 197.1 |
| 170° | 180.3 | 181.3 | 183.1 | 184.9 | 185.6 | 186.6 | 188.1 | 189.9 | 191.0 | 192.4 | 193.5 |
| 172.5° | 180.8 | 181.6 | 182.8 | 184.3 | 184.5 | 184.9 | 186.1 | 187.6 | 188.3 | 189.2 | 190.1 |
| 175° | 181.7 | 181.7 | 182.4 | 183.5 | 183.1 | 183.1 | 183.8 | 184.5 | 184.9 | 185.6 | 185.6 |
| 177.5° | 181.7 | 181.7 | 182.0 | 182.5 | 182.0 | 182.0 | 182.3 | 182.5 | 182.8 | 182.8 | 183.1 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 930.9 | 931.5 | 929.4 | 928.7 | 929.4 | 931.5 | 930.9 | 932.8 | 933.1 | 935.6 | 934.6 |
| 5° | 863.6 | 862.8 | 860.9 | 861.3 | 860.9 | 862.8 | 863.6 | 866.8 | 868.4 | 874.6 | 873.8 |
| 7.5° | 806.1 | 803.0 | 804.0 | 800.7 | 804.0 | 803.0 | 806.1 | 808.9 | 813.7 | 816.6 | 823.2 |
| 10° | 770.9 | 766.6 | 763.1 | 759.9 | 763.1 | 766.6 | 770.9 | 772.4 | 779.1 | 782.3 | 789.0 |
| 12.5° | 722.9 | 719.1 | 714.3 | 715.3 | 714.3 | 719.1 | 722.9 | 729.7 | 738.3 | 744.9 | 755.4 |
| 15° | 654.6 | 648.7 | 639.2 | 640.5 | 639.2 | 648.7 | 654.6 | 659.7 | 668.3 | 683.3 | 690.3 |
| 17.5° | 596.8 | 596.9 | 592.6 | 593.6 | 592.6 | 596.9 | 596.8 | 603.8 | 608.2 | 617.7 | 628.6 |
| 20° | 566.9 | 564.2 | 564.6 | 563.4 | 564.6 | 564.2 | 566.9 | 575.2 | 580.0 | 586.6 | 598.4 |
| 22.5° | 546.2 | 542.9 | 540.1 | 537.7 | 540.1 | 542.9 | 546.2 | 548.6 | 554.8 | 561.2 | 570.8 |
| 25° | 511.2 | 508.9 | 505.3 | 504.5 | 505.3 | 508.9 | 511.2 | 514.7 | 517.9 | 526.1 | 532.0 |
| 27.5° | 480.4 | 479.9 | 478.5 | 476.7 | 478.5 | 479.9 | 480.4 | 483.5 | 487.6 | 492.9 | 500.4 |
| 30° | 462.4 | 461.7 | 460.9 | 459.7 | 460.9 | 461.7 | 462.4 | 465.6 | 468.8 | 473.1 | 479.0 |
| 32.5° | 446.5 | 446.0 | 445.1 | 445.2 | 445.1 | 446.0 | 446.5 | 448.0 | 449.9 | 455.4 | 460.1 |
| 35° | 423.5 | 423.1 | 422.4 | 422.0 | 422.4 | 423.1 | 423.5 | 425.2 | 426.4 | 427.9 | 431.8 |
| 37.5° | 402.2 | 403.2 | 402.7 | 402.6 | 402.7 | 403.2 | 402.2 | 402.6 | 401.3 | 404.1 | 406.9 |
| 40° | 387.4 | 387.8 | 388.6 | 388.2 | 388.6 | 387.8 | 387.4 | 387.8 | 387.8 | 387.8 | 390.2 |
| 42.5° | 375.2 | 375.3 | 376.4 | 375.0 | 376.4 | 375.3 | 375.2 | 373.7 | 371.7 | 372.1 | 372.8 |
| 45° | 353.3 | 355.6 | 355.2 | 355.2 | 355.2 | 355.6 | 353.3 | 350.5 | 350.1 | 348.5 | 348.5 |
| 47.5° | 329.2 | 331.3 | 331.8 | 331.7 | 331.8 | 331.3 | 329.2 | 328.2 | 326.4 | 324.9 | 324.7 |
| 50° | 313.6 | 312.8 | 314.0 | 313.6 | 314.0 | 312.8 | 313.6 | 311.5 | 308.8 | 308.8 | 308.0 |
| 52.5° | 294.4 | 294.6 | 294.5 | 294.1 | 294.5 | 294.6 | 294.4 | 293.4 | 292.2 | 290.9 | 290.4 |
| 55° | 264.8 | 265.2 | 264.5 | 264.8 | 264.5 | 265.2 | 264.8 | 264.5 | 264.5 | 263.7 | 264.5 |
| 57.5° | 232.8 | 230.9 | 231.7 | 230.8 | 231.7 | 230.9 | 232.8 | 234.5 | 235.1 | 235.3 | 236.4 |
| 60° | 209.8 | 206.7 | 205.9 | 204.3 | 205.9 | 206.7 | 209.8 | 213.8 | 215.3 | 216.1 | 217.3 |
| 62.5° | 184.0 | 181.9 | 179.2 | 180.5 | 179.2 | 181.9 | 184.0 | 188.2 | 191.8 | 194.4 | 197.1 |
| 65° | 149.7 | 148.1 | 146.9 | 148.6 | 146.9 | 148.1 | 149.7 | 152.9 | 156.0 | 162.3 | 168.1 |
| 67.5° | 123.9 | 123.1 | 123.1 | 122.3 | 123.1 | 123.1 | 123.9 | 125.5 | 127.4 | 130.9 | 136.4 |
| 70° | 110.4 | 109.3 | 109.3 | 108.5 | 109.3 | 109.3 | 110.4 | 110.4 | 112.4 | 113.9 | 117.9 |
| 72.5° | 96.5 | 95.4 | 95.7 | 95.2 | 95.7 | 95.4 | 96.5 | 96.8 | 98.9 | 99.5 | 101.2 |
| 75° | 71.5 | 69.6 | 69.6 | 70.0 | 69.6 | 69.6 | 71.5 | 73.8 | 75.8 | 79.4 | 80.2 |
| 77.5° | 53.3 | 52.9 | 53.5 | 52.8 | 53.5 | 52.9 | 53.3 | 53.3 | 53.7 | 55.4 | 56.8 |
| 80° | 43.6 | 43.2 | 42.8 | 44.0 | 42.8 | 43.2 | 43.6 | 43.6 | 44.0 | 44.4 | 44.8 |
| 82.5° | 33.8 | 33.8 | 33.7 | 35.2 | 33.7 | 33.8 | 33.8 | 34.5 | 34.5 | 34.3 | 34.7 |
| 85° | 20.4 | 19.7 | 20.4 | 19.7 | 20.4 | 19.7 | 20.4 | 20.0 | 20.4 | 20.0 | 20.4 |
| 87.5° | 8.7 | 8.5 | 8.1 | 8.4 | 8.1 | 8.5 | 8.7 | 8.1 | 8.1 | 8.6 | 8.2 |
| 90° | 7.5 | 7.9 | 7.5 | 7.5 | 7.5 | 7.9 | 7.5 | 7.2 | 7.2 | 6.8 | 6.5 |
| 92.5° | 30.6 | 28.7 | 27.5 | 27.5 | 27.5 | 28.7 | 30.6 | 34.8 | 42.0 | 52.7 | 70.1 |
| 95° | 109.2 | 98.2 | 91.7 | 87.1 | 91.7 | 98.2 | 109.2 | 126.7 | 161.3 | 209.1 | 264.5 |
| 97.5° | 272.4 | 251.0 | 240.2 | 232.8 | 240.2 | 251.0 | 272.4 | 298.0 | 335.3 | 370.2 | 390.7 |
| 100° | 362.6 | 340.8 | 330.1 | 327.3 | 330.1 | 340.8 | 362.6 | 393.6 | 420.1 | 437.6 | 430.4 |
| 102.5° | 438.9 | 423.1 | 411.8 | 409.5 | 411.8 | 423.1 | 438.9 | 457.9 | 468.9 | 463.8 | 428.5 |
| 105° | 512.2 | 509.3 | 504.3 | 502.2 | 504.3 | 509.3 | 512.2 | 511.5 | 496.9 | 461.5 | 399.7 |
| 107.5° | 523.9 | 532.1 | 535.6 | 536.5 | 535.6 | 532.1 | 523.9 | 506.3 | 474.4 | 424.7 | 359.0 |
| 110° | 512.5 | 527.6 | 533.9 | 537.1 | 533.9 | 527.6 | 512.5 | 487.2 | 448.0 | 396.2 | 334.5 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 488.0 | 506.1 | 515.1 | 520.3 | 515.1 | 506.1 | 488.0 | 459.2 | 419.9 | 371.0 | 316.4 |
| 115° | 446.5 | 467.9 | 479.4 | 482.2 | 479.4 | 467.9 | 446.5 | 418.3 | 384.1 | 342.2 | 298.4 |
| 117.5° | 411.8 | 429.8 | 441.3 | 443.5 | 441.3 | 429.8 | 411.8 | 387.8 | 358.7 | 325.9 | 289.5 |
| 120° | 392.9 | 408.7 | 418.0 | 421.9 | 418.0 | 408.7 | 392.9 | 372.6 | 347.3 | 318.7 | 285.5 |
| 122.5° | 379.5 | 392.9 | 400.8 | 404.8 | 400.8 | 392.9 | 379.5 | 362.3 | 340.1 | 314.2 | 282.1 |
| 125° | 365.5 | 375.9 | 382.6 | 384.8 | 382.6 | 375.9 | 365.5 | 351.2 | 331.5 | 306.9 | 276.3 |
| 127.5° | 356.0 | 365.2 | 370.9 | 373.0 | 370.9 | 365.2 | 356.0 | 341.6 | 323.1 | 298.4 | 269.1 |
| 130° | 349.4 | 358.3 | 364.1 | 366.2 | 364.1 | 358.3 | 349.4 | 334.8 | 315.9 | 291.6 | 263.4 |
| 132.5° | 340.8 | 350.9 | 356.4 | 358.5 | 356.4 | 350.9 | 340.8 | 326.5 | 307.6 | 283.9 | 257.4 |
| 135° | 326.2 | 336.2 | 341.9 | 344.1 | 341.9 | 336.2 | 326.2 | 311.9 | 294.1 | 272.4 | 249.1 |
| 137.5° | 309.1 | 318.9 | 323.7 | 326.2 | 323.7 | 318.9 | 309.1 | 295.7 | 279.6 | 261.3 | 241.7 |
| 140° | 297.7 | 305.5 | 310.5 | 313.4 | 310.5 | 305.5 | 297.7 | 285.2 | 270.1 | 254.1 | 237.3 |
| 142.5° | 286.0 | 293.3 | 297.7 | 299.6 | 297.7 | 293.3 | 286.0 | 274.9 | 261.9 | 248.1 | 233.4 |
| 145° | 269.4 | 275.5 | 279.1 | 280.8 | 279.1 | 275.5 | 269.4 | 260.5 | 250.5 | 239.8 | 227.7 |
| 147.5° | 255.7 | 260.9 | 263.6 | 264.3 | 263.6 | 260.9 | 255.7 | 249.1 | 241.3 | 232.7 | 223.1 |
| 150° | 247.7 | 252.4 | 254.5 | 254.8 | 254.5 | 252.4 | 247.7 | 242.0 | 235.6 | 228.4 | 220.3 |
| 152.5° | 240.9 | 244.6 | 245.9 | 246.3 | 245.9 | 244.6 | 240.9 | 236.0 | 230.8 | 224.2 | 217.1 |
| 155° | 231.3 | 234.1 | 235.2 | 235.2 | 235.2 | 234.1 | 231.3 | 227.7 | 223.4 | 218.0 | 212.4 |
| 157.5° | 222.7 | 224.9 | 225.5 | 225.5 | 225.5 | 224.9 | 222.7 | 220.0 | 216.6 | 212.1 | 207.3 |
| 160° | 217.0 | 219.1 | 219.5 | 219.5 | 219.5 | 219.1 | 217.0 | 214.9 | 212.0 | 208.0 | 204.2 |
| 162.5° | 211.6 | 213.7 | 214.1 | 213.8 | 214.1 | 213.7 | 211.6 | 210.1 | 207.4 | 204.4 | 201.1 |
| 165° | 204.5 | 205.9 | 205.6 | 205.2 | 205.6 | 205.9 | 204.5 | 203.1 | 201.3 | 198.8 | 196.6 |
| 167.5° | 197.8 | 198.8 | 198.7 | 198.4 | 198.7 | 198.8 | 197.8 | 197.1 | 196.1 | 194.1 | 192.5 |
| 170° | 194.2 | 194.5 | 194.2 | 194.2 | 194.2 | 194.5 | 194.2 | 193.5 | 192.4 | 191.0 | 189.9 |
| 172.5° | 190.5 | 190.8 | 190.5 | 189.9 | 190.5 | 190.8 | 190.5 | 190.1 | 189.2 | 188.3 | 187.6 |
| 175° | 185.6 | 186.3 | 185.6 | 184.9 | 185.6 | 186.3 | 185.6 | 185.6 | 185.6 | 184.9 | 184.5 |
| 177.5° | 182.8 | 183.1 | 182.5 | 182.0 | 182.5 | 183.1 | 182.8 | 183.1 | 182.8 | 182.8 | 182.5 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 932.8 | 935.0 | 940.0 | 945.6 | 950.4 | 954.5 | 957.7 | 962.0 | 966.1 | 971.8 | 977.1 |
| 5° | 876.2 | 881.7 | 889.6 | 899.0 | 910.8 | 918.7 | 928.5 | 937.2 | 949.7 | 962.3 | 974.4 |
| 7.5° | 826.6 | 832.6 | 844.1 | 857.2 | 871.2 | 884.0 | 895.6 | 910.9 | 927.6 | 945.9 | 966.3 |
| 10° | 794.5 | 801.1 | 815.0 | 829.8 | 846.4 | 858.9 | 874.6 | 892.7 | 911.6 | 933.9 | 959.1 |
| 12.5° | 765.6 | 771.9 | 788.5 | 803.8 | 820.9 | 834.8 | 852.9 | 871.3 | 896.5 | 920.8 | 949.4 |
| 15° | 709.2 | 726.1 | 745.0 | 763.1 | 783.5 | 800.4 | 822.3 | 841.2 | 865.3 | 899.4 | 932.0 |
| 17.5° | 646.6 | 664.7 | 688.1 | 716.0 | 743.4 | 764.3 | 786.6 | 810.0 | 838.6 | 873.4 | 911.1 |
| 20° | 610.2 | 624.7 | 650.7 | 681.8 | 713.6 | 742.7 | 763.1 | 789.0 | 818.5 | 856.2 | 895.0 |
| 22.5° | 582.9 | 595.2 | 615.5 | 646.5 | 680.9 | 714.7 | 740.7 | 766.4 | 799.0 | 836.7 | 879.1 |
| 25° | 541.8 | 555.2 | 572.9 | 594.1 | 633.4 | 669.1 | 703.4 | 732.8 | 767.4 | 805.1 | 852.2 |
| 27.5° | 507.8 | 519.4 | 535.5 | 557.6 | 584.0 | 623.5 | 664.9 | 698.5 | 734.0 | 774.5 | 821.6 |
| 30° | 487.6 | 497.1 | 510.4 | 532.8 | 558.0 | 593.3 | 635.3 | 674.7 | 710.4 | 752.5 | 801.5 |
| 32.5° | 466.6 | 476.7 | 489.7 | 507.4 | 534.3 | 564.1 | 606.1 | 649.1 | 687.1 | 730.1 | 778.3 |
| 35° | 438.5 | 446.4 | 458.2 | 476.3 | 500.6 | 526.5 | 563.8 | 608.2 | 648.3 | 694.3 | 740.2 |
| 37.5° | 410.1 | 419.4 | 428.7 | 444.7 | 464.7 | 492.6 | 523.2 | 568.6 | 613.0 | 654.9 | 699.8 |
| 40° | 394.0 | 399.6 | 409.8 | 422.8 | 444.0 | 468.8 | 497.5 | 541.8 | 586.2 | 627.9 | 673.1 |
| 42.5° | 376.2 | 382.3 | 390.9 | 403.9 | 422.9 | 447.1 | 475.1 | 513.5 | 559.9 | 600.3 | 641.4 |
| 45° | 351.2 | 354.8 | 363.5 | 374.5 | 390.2 | 414.5 | 440.5 | 474.6 | 518.3 | 556.7 | 592.9 |
| 47.5° | 326.1 | 329.2 | 334.6 | 344.7 | 362.2 | 381.8 | 406.2 | 436.8 | 475.0 | 513.5 | 544.1 |
| 50° | 308.8 | 311.5 | 316.7 | 326.1 | 341.8 | 361.1 | 385.1 | 412.5 | 446.8 | 483.7 | 509.2 |
| 52.5° | 291.5 | 293.1 | 297.8 | 308.5 | 321.7 | 340.6 | 362.1 | 387.4 | 419.4 | 450.1 | 475.9 |
| 55° | 264.1 | 267.6 | 270.7 | 278.6 | 291.1 | 309.2 | 328.5 | 352.4 | 377.2 | 403.1 | 425.2 |
| 57.5° | 235.4 | 239.2 | 243.8 | 250.6 | 260.6 | 277.5 | 294.8 | 314.2 | 335.3 | 356.9 | 375.3 |
| 60° | 216.5 | 220.0 | 224.0 | 231.9 | 240.9 | 254.2 | 273.1 | 289.9 | 306.1 | 325.7 | 344.2 |
| 62.5° | 197.9 | 201.5 | 206.0 | 212.4 | 221.1 | 233.8 | 249.5 | 264.2 | 280.9 | 298.1 | 311.8 |
| 65° | 170.6 | 173.3 | 176.8 | 182.7 | 191.0 | 202.4 | 215.3 | 226.7 | 241.7 | 254.2 | 266.8 |
| 67.5° | 140.5 | 145.7 | 150.4 | 155.1 | 162.1 | 172.7 | 182.1 | 193.0 | 203.2 | 212.5 | 224.0 |
| 70° | 120.6 | 126.5 | 130.9 | 135.9 | 142.6 | 151.7 | 160.7 | 168.1 | 176.4 | 185.4 | 195.7 |
| 72.5° | 104.0 | 108.6 | 112.0 | 117.4 | 123.4 | 131.9 | 140.3 | 146.4 | 153.2 | 159.4 | 169.3 |
| 75° | 82.1 | 84.1 | 86.4 | 90.8 | 96.2 | 102.6 | 109.3 | 114.7 | 118.7 | 124.1 | 131.3 |
| 77.5° | 59.0 | 62.8 | 64.3 | 67.5 | 71.4 | 75.2 | 79.7 | 84.3 | 88.1 | 90.1 | 95.4 |
| 80° | 45.1 | 46.8 | 48.4 | 52.6 | 55.0 | 59.0 | 62.1 | 66.4 | 68.0 | 70.0 | 75.0 |
| 82.5° | 35.1 | 36.1 | 37.1 | 38.2 | 39.6 | 43.5 | 46.7 | 49.4 | 51.0 | 51.7 | 55.5 |
| 85° | 20.4 | 20.8 | 21.2 | 21.6 | 22.0 | 22.0 | 23.5 | 25.5 | 28.3 | 28.3 | 29.5 |
| 87.5° | 8.1 | 8.5 | 8.4 | 7.9 | 8.6 | 8.1 | 8.4 | 8.4 | 9.2 | 10.0 | 10.8 |
| 90° | 6.1 | 6.5 | 5.8 | 4.9 | 4.9 | 2.8 | 2.8 | 2.5 | 2.1 | 1.1 | 0.4 |
| 92.5° | 94.3 | 113.2 | 99.1 | 72.1 | 44.4 | 26.3 | 18.9 | 13.6 | 9.3 | 6.0 | 4.0 |
| 95° | 299.1 | 290.8 | 219.5 | 134.2 | 75.6 | 44.6 | 29.6 | 21.1 | 16.5 | 12.8 | 11.8 |
| 97.5° | 375.8 | 306.4 | 205.4 | 120.7 | 72.3 | 48.4 | 35.9 | 28.5 | 24.2 | 21.1 | 21.1 |
| 100° | 378.3 | 287.0 | 186.3 | 113.5 | 73.2 | 52.1 | 40.7 | 33.9 | 29.6 | 27.2 | 27.2 |
| 102.5° | 356.9 | 262.7 | 173.5 | 111.5 | 76.0 | 57.0 | 46.2 | 39.6 | 35.6 | 33.4 | 32.8 |
| 105° | 318.0 | 234.1 | 162.4 | 112.4 | 82.8 | 65.6 | 55.3 | 48.9 | 44.6 | 42.8 | 41.8 |
| 107.5° | 286.6 | 218.1 | 160.4 | 117.8 | 90.7 | 75.0 | 64.8 | 58.7 | 54.1 | 52.3 | 51.6 |
| 110° | 270.9 | 212.7 | 161.0 | 121.7 | 96.7 | 81.0 | 71.4 | 64.9 | 60.7 | 58.9 | 58.2 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 262.1 | 210.2 | 162.7 | 126.0 | 102.4 | 87.3 | 77.7 | 71.2 | 67.3 | 65.1 | 64.4 |
| 115° | 253.8 | 208.8 | 165.9 | 132.8 | 111.4 | 97.0 | 87.5 | 80.7 | 77.1 | 74.6 | 73.5 |
| 117.5° | 250.0 | 208.4 | 169.5 | 139.7 | 120.0 | 106.4 | 96.4 | 90.1 | 86.1 | 83.9 | 82.9 |
| 120° | 248.0 | 208.4 | 172.1 | 144.5 | 126.0 | 112.4 | 102.4 | 96.3 | 92.4 | 90.0 | 89.3 |
| 122.5° | 245.8 | 208.1 | 174.6 | 149.2 | 131.7 | 118.2 | 108.5 | 101.8 | 98.2 | 95.6 | 94.9 |
| 125° | 242.0 | 207.7 | 178.4 | 155.9 | 139.6 | 126.7 | 116.7 | 110.0 | 106.0 | 103.8 | 102.4 |
| 127.5° | 236.9 | 206.9 | 181.6 | 161.9 | 146.8 | 134.4 | 124.3 | 117.2 | 112.8 | 110.2 | 109.1 |
| 130° | 233.8 | 206.6 | 183.8 | 165.6 | 151.7 | 139.6 | 129.2 | 122.4 | 117.0 | 114.2 | 112.8 |
| 132.5° | 231.0 | 206.4 | 185.8 | 169.4 | 155.7 | 143.5 | 133.8 | 126.4 | 121.4 | 117.6 | 116.5 |
| 135° | 226.6 | 205.9 | 188.8 | 174.2 | 161.3 | 149.6 | 140.3 | 132.8 | 126.7 | 123.1 | 121.7 |
| 137.5° | 223.0 | 205.9 | 190.6 | 177.6 | 165.6 | 154.6 | 145.7 | 137.9 | 132.2 | 128.3 | 126.9 |
| 140° | 221.0 | 205.6 | 192.0 | 179.9 | 168.4 | 157.7 | 149.2 | 141.7 | 135.6 | 131.7 | 130.7 |
| 142.5° | 219.2 | 205.6 | 193.2 | 181.6 | 171.1 | 160.6 | 152.3 | 145.1 | 139.4 | 135.7 | 134.6 |
| 145° | 216.3 | 204.9 | 193.8 | 183.5 | 173.8 | 164.5 | 156.7 | 149.9 | 144.9 | 141.4 | 140.3 |
| 147.5° | 213.7 | 203.6 | 194.2 | 185.1 | 176.6 | 167.9 | 160.9 | 155.2 | 150.2 | 146.9 | 146.6 |
| 150° | 211.7 | 202.7 | 194.2 | 185.9 | 178.1 | 170.3 | 163.5 | 158.1 | 153.8 | 151.0 | 150.6 |
| 152.5° | 209.3 | 201.3 | 193.6 | 186.5 | 179.3 | 172.3 | 166.0 | 161.3 | 157.2 | 154.4 | 154.3 |
| 155° | 205.9 | 199.1 | 192.8 | 187.0 | 181.0 | 174.9 | 169.6 | 165.6 | 162.1 | 159.9 | 159.6 |
| 157.5° | 202.5 | 196.9 | 191.8 | 187.0 | 182.2 | 177.0 | 172.8 | 169.4 | 166.6 | 164.6 | 164.6 |
| 160° | 199.9 | 195.2 | 191.0 | 187.0 | 182.8 | 178.4 | 174.5 | 171.7 | 169.2 | 167.7 | 167.7 |
| 162.5° | 197.6 | 193.5 | 190.1 | 187.0 | 183.3 | 179.4 | 176.2 | 173.7 | 171.5 | 170.4 | 170.6 |
| 165° | 193.8 | 191.0 | 188.4 | 186.3 | 183.5 | 180.3 | 178.1 | 176.3 | 174.5 | 173.8 | 173.8 |
| 167.5° | 190.4 | 188.3 | 186.7 | 185.4 | 183.4 | 181.1 | 179.4 | 178.3 | 177.0 | 176.6 | 177.0 |
| 170° | 188.1 | 186.6 | 185.6 | 184.9 | 183.1 | 181.3 | 180.3 | 179.6 | 178.4 | 178.1 | 178.4 |
| 172.5° | 186.1 | 184.9 | 184.5 | 184.3 | 182.8 | 181.6 | 180.8 | 180.4 | 179.6 | 179.6 | 179.9 |
| 175° | 183.8 | 183.1 | 183.1 | 183.5 | 182.4 | 181.7 | 181.7 | 181.3 | 181.0 | 181.0 | 181.3 |
| 177.5° | 182.3 | 182.0 | 182.0 | 182.5 | 182.0 | 181.7 | 181.7 | 181.7 | 181.4 | 181.7 | 182.0 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 981.2 | 984.0 | 987.1 | 993.1 | 998.2 | 1000.4 | 1004.8 | 1007.9 | 1006.9 | 1011.4 | 1019.0 |
| 5° | 985.0 | 995.6 | 1007.8 | 1020.4 | 1034.5 | 1046.3 | 1055.8 | 1065.2 | 1072.7 | 1081.7 | 1095.1 |
| 7.5° | 984.4 | 1003.3 | 1023.8 | 1046.3 | 1069.5 | 1089.5 | 1108.1 | 1127.0 | 1143.7 | 1162.1 | 1186.0 |
| 10° | 981.9 | 1007.0 | 1032.6 | 1062.1 | 1091.6 | 1119.4 | 1144.6 | 1168.1 | 1190.5 | 1214.5 | 1244.8 |
| 12.5° | 979.1 | 1007.9 | 1038.8 | 1074.3 | 1111.1 | 1144.6 | 1174.2 | 1208.1 | 1236.1 | 1267.0 | 1302.0 |
| 15° | 966.5 | 1005.5 | 1047.5 | 1093.5 | 1137.5 | 1182.7 | 1223.1 | 1264.9 | 1303.7 | 1340.6 | 1384.6 |
| 17.5° | 952.3 | 997.1 | 1046.7 | 1101.1 | 1154.0 | 1208.8 | 1256.9 | 1309.4 | 1349.1 | 1398.7 | 1439.6 |
| 20° | 940.7 | 989.0 | 1042.0 | 1102.9 | 1163.1 | 1224.0 | 1277.0 | 1330.4 | 1375.2 | 1425.1 | 1477.0 |
| 22.5° | 926.6 | 979.6 | 1037.0 | 1100.0 | 1163.1 | 1229.6 | 1288.3 | 1341.4 | 1396.9 | 1453.1 | 1506.5 |
| 25° | 903.7 | 958.8 | 1019.7 | 1088.7 | 1161.0 | 1229.0 | 1291.9 | 1358.0 | 1417.6 | 1478.5 | 1526.5 |
| 27.5° | 875.8 | 933.5 | 997.7 | 1069.0 | 1143.3 | 1212.8 | 1286.9 | 1357.3 | 1417.3 | 1475.9 | 1517.7 |
| 30° | 853.4 | 914.3 | 976.0 | 1048.3 | 1125.3 | 1200.0 | 1279.3 | 1349.7 | 1412.9 | 1465.6 | 1489.1 |
| 32.5° | 830.5 | 888.3 | 951.8 | 1025.0 | 1104.0 | 1184.3 | 1263.0 | 1334.9 | 1393.4 | 1425.0 | 1425.6 |
| 35° | 790.5 | 844.8 | 910.8 | 982.7 | 1063.6 | 1150.8 | 1230.6 | 1301.3 | 1337.1 | 1339.9 | 1301.3 |
| 37.5° | 747.0 | 796.8 | 859.1 | 931.1 | 1019.7 | 1106.5 | 1187.9 | 1235.1 | 1247.1 | 1207.1 | 1135.9 |
| 40° | 715.9 | 761.8 | 822.0 | 895.9 | 983.9 | 1073.5 | 1147.7 | 1182.2 | 1169.7 | 1104.9 | 1025.5 |
| 42.5° | 683.2 | 726.0 | 784.0 | 856.9 | 945.2 | 1035.7 | 1099.0 | 1117.5 | 1084.2 | 1009.4 | 916.5 |
| 45° | 629.9 | 669.1 | 726.5 | 800.0 | 884.8 | 969.8 | 1017.6 | 1008.2 | 952.8 | 864.0 | 759.9 |
| 47.5° | 574.3 | 612.3 | 663.9 | 731.8 | 818.8 | 892.0 | 924.4 | 896.1 | 817.2 | 719.5 | 634.8 |
| 50° | 537.6 | 576.4 | 624.0 | 688.8 | 768.2 | 838.9 | 859.7 | 816.5 | 728.8 | 635.0 | 557.1 |
| 52.5° | 501.4 | 534.6 | 581.2 | 643.8 | 719.7 | 779.5 | 790.5 | 740.7 | 650.3 | 566.1 | 497.2 |
| 55° | 446.4 | 476.7 | 515.9 | 574.8 | 640.5 | 691.2 | 685.3 | 621.2 | 539.1 | 467.2 | 412.9 |
| 57.5° | 393.1 | 416.0 | 452.2 | 507.5 | 565.1 | 599.2 | 577.5 | 523.0 | 446.5 | 387.6 | 341.8 |
| 60° | 358.0 | 379.2 | 412.9 | 461.3 | 512.0 | 531.2 | 513.1 | 453.8 | 393.3 | 339.5 | 300.9 |
| 62.5° | 324.7 | 343.4 | 372.4 | 417.3 | 458.2 | 469.6 | 450.3 | 398.5 | 344.0 | 298.0 | 266.1 |
| 65° | 276.2 | 293.5 | 318.3 | 350.1 | 378.4 | 383.8 | 371.3 | 318.3 | 277.0 | 238.5 | 216.5 |
| 67.5° | 232.3 | 243.6 | 263.0 | 290.4 | 305.5 | 308.7 | 284.4 | 251.1 | 214.7 | 191.1 | 174.5 |
| 70° | 202.8 | 210.6 | 228.6 | 243.6 | 255.8 | 256.2 | 233.8 | 207.0 | 179.2 | 160.0 | 147.7 |
| 72.5° | 174.1 | 181.7 | 195.4 | 205.6 | 214.9 | 211.9 | 191.4 | 170.3 | 147.7 | 133.2 | 124.1 |
| 75° | 134.4 | 141.1 | 148.1 | 152.9 | 152.9 | 149.0 | 134.0 | 118.3 | 105.3 | 96.6 | 93.9 |
| 77.5° | 97.7 | 103.2 | 105.5 | 104.8 | 103.4 | 97.3 | 87.9 | 77.6 | 72.9 | 68.9 | 66.8 |
| 80° | 76.6 | 79.0 | 79.8 | 77.8 | 75.4 | 68.4 | 62.1 | 57.8 | 53.4 | 51.9 | 51.1 |
| 82.5° | 56.9 | 58.9 | 56.9 | 57.4 | 52.2 | 46.4 | 42.9 | 41.4 | 39.6 | 39.0 | 38.2 |
| 85° | 30.3 | 29.9 | 29.1 | 27.1 | 23.5 | 22.8 | 22.4 | 22.0 | 21.2 | 21.6 | 20.8 |
| 87.5° | 10.6 | 9.9 | 8.7 | 8.4 | 8.4 | 8.2 | 8.6 | 8.7 | 8.8 | 8.5 | 9.2 |
| 90° | 1.1 | 2.1 | 2.5 | 2.8 | 2.8 | 4.9 | 4.9 | 5.8 | 6.5 | 6.1 | 6.5 |
| 92.5° | 6.0 | 9.3 | 13.6 | 18.9 | 26.3 | 44.4 | 72.1 | 99.1 | 113.2 | 94.3 | 70.1 |
| 95° | 12.8 | 16.5 | 21.1 | 29.6 | 44.6 | 75.6 | 134.2 | 219.5 | 290.8 | 299.1 | 264.5 |
| 97.5° | 21.1 | 24.2 | 28.5 | 35.9 | 48.4 | 72.3 | 120.7 | 205.4 | 306.4 | 375.8 | 390.7 |
| 100° | 27.2 | 29.6 | 33.9 | 40.7 | 52.1 | 73.2 | 113.5 | 186.3 | 287.0 | 378.3 | 430.4 |
| 102.5° | 33.4 | 35.6 | 39.6 | 46.2 | 57.0 | 76.0 | 111.5 | 173.5 | 262.7 | 356.9 | 428.5 |
| 105° | 42.8 | 44.6 | 48.9 | 55.3 | 65.6 | 82.8 | 112.4 | 162.4 | 234.1 | 318.0 | 399.7 |
| 107.5° | 52.3 | 54.1 | 58.7 | 64.8 | 75.0 | 90.7 | 117.8 | 160.4 | 218.1 | 286.6 | 359.0 |
| 110° | 58.9 | 60.7 | 64.9 | 71.4 | 81.0 | 96.7 | 121.7 | 161.0 | 212.7 | 270.9 | 334.5 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 65.1 | 67.3 | 71.2 | 77.7 | 87.3 | 102.4 | 126.0 | 162.7 | 210.2 | 262.1 | 316.4 |
| 115° | 74.6 | 77.1 | 80.7 | 87.5 | 97.0 | 111.4 | 132.8 | 165.9 | 208.8 | 253.8 | 298.4 |
| 117.5° | 83.9 | 86.1 | 90.1 | 96.4 | 106.4 | 120.0 | 139.7 | 169.5 | 208.4 | 250.0 | 289.5 |
| 120° | 90.0 | 92.4 | 96.3 | 102.4 | 112.4 | 126.0 | 144.5 | 172.1 | 208.4 | 248.0 | 285.5 |
| 122.5° | 95.6 | 98.2 | 101.8 | 108.5 | 118.2 | 131.7 | 149.2 | 174.6 | 208.1 | 245.8 | 282.1 |
| 125° | 103.8 | 106.0 | 110.0 | 116.7 | 126.7 | 139.6 | 155.9 | 178.4 | 207.7 | 242.0 | 276.3 |
| 127.5° | 110.2 | 112.8 | 117.2 | 124.3 | 134.4 | 146.8 | 161.9 | 181.6 | 206.9 | 236.9 | 269.1 |
| 130° | 114.2 | 117.0 | 122.4 | 129.2 | 139.6 | 151.7 | 165.6 | 183.8 | 206.6 | 233.8 | 263.4 |
| 132.5° | 117.6 | 121.4 | 126.4 | 133.8 | 143.5 | 155.7 | 169.4 | 185.8 | 206.4 | 231.0 | 257.4 |
| 135° | 123.1 | 126.7 | 132.8 | 140.3 | 149.6 | 161.3 | 174.2 | 188.8 | 205.9 | 226.6 | 249.1 |
| 137.5° | 128.3 | 132.2 | 137.9 | 145.7 | 154.6 | 165.6 | 177.6 | 190.6 | 205.9 | 223.0 | 241.7 |
| 140° | 131.7 | 135.6 | 141.7 | 149.2 | 157.7 | 168.4 | 179.9 | 192.0 | 205.6 | 221.0 | 237.3 |
| 142.5° | 135.7 | 139.4 | 145.1 | 152.3 | 160.6 | 171.1 | 181.6 | 193.2 | 205.6 | 219.2 | 233.4 |
| 145° | 141.4 | 144.9 | 149.9 | 156.7 | 164.5 | 173.8 | 183.5 | 193.8 | 204.9 | 216.3 | 227.7 |
| 147.5° | 146.9 | 150.2 | 155.2 | 160.9 | 167.9 | 176.6 | 185.1 | 194.2 | 203.6 | 213.7 | 223.1 |
| 150° | 151.0 | 153.8 | 158.1 | 163.5 | 170.3 | 178.1 | 185.9 | 194.2 | 202.7 | 211.7 | 220.3 |
| 152.5° | 154.4 | 157.2 | 161.3 | 166.0 | 172.3 | 179.3 | 186.5 | 193.6 | 201.3 | 209.3 | 217.1 |
| 155° | 159.9 | 162.1 | 165.6 | 169.6 | 174.9 | 181.0 | 187.0 | 192.8 | 199.1 | 205.9 | 212.4 |
| 157.5° | 164.6 | 166.6 | 169.4 | 172.8 | 177.0 | 182.2 | 187.0 | 191.8 | 196.9 | 202.5 | 207.3 |
| 160° | 167.7 | 169.2 | 171.7 | 174.5 | 178.4 | 182.8 | 187.0 | 191.0 | 195.2 | 199.9 | 204.2 |
| 162.5° | 170.4 | 171.5 | 173.7 | 176.2 | 179.4 | 183.3 | 187.0 | 190.1 | 193.5 | 197.6 | 201.1 |
| 165° | 173.8 | 174.5 | 176.3 | 178.1 | 180.3 | 183.5 | 186.3 | 188.4 | 191.0 | 193.8 | 196.6 |
| 167.5° | 176.6 | 177.0 | 178.3 | 179.4 | 181.1 | 183.4 | 185.4 | 186.7 | 188.3 | 190.4 | 192.5 |
| 170° | 178.1 | 178.4 | 179.6 | 180.3 | 181.3 | 183.1 | 184.9 | 185.6 | 186.6 | 188.1 | 189.9 |
| 172.5° | 179.6 | 179.6 | 180.4 | 180.8 | 181.6 | 182.8 | 184.3 | 184.5 | 184.9 | 186.1 | 187.6 |
| 175° | 181.0 | 181.0 | 181.3 | 181.7 | 181.7 | 182.4 | 183.5 | 183.1 | 183.1 | 183.8 | 184.5 |
| 177.5° | 181.7 | 181.4 | 181.7 | 181.7 | 181.7 | 182.0 | 182.5 | 182.0 | 182.0 | 182.3 | 182.5 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 | 975.2 |
| 2.5° | 1023.0 | 1024.3 | 1025.2 | 1028.3 | 1028.6 | 1031.5 | 1028.6 |
| 5° | 1107.6 | 1113.2 | 1121.8 | 1130.4 | 1131.3 | 1136.7 | 1126.9 |
| 7.5° | 1202.5 | 1215.3 | 1223.2 | 1237.2 | 1242.7 | 1246.2 | 1240.5 |
| 10° | 1268.0 | 1279.7 | 1300.6 | 1310.8 | 1321.0 | 1322.5 | 1317.9 |
| 12.5° | 1331.1 | 1349.8 | 1366.2 | 1385.6 | 1385.1 | 1399.0 | 1393.9 |
| 15° | 1415.3 | 1434.5 | 1457.3 | 1478.9 | 1486.8 | 1486.8 | 1493.1 |
| 17.5° | 1475.3 | 1510.7 | 1534.2 | 1551.2 | 1569.7 | 1573.0 | 1570.7 |
| 20° | 1515.9 | 1554.0 | 1579.1 | 1601.1 | 1613.8 | 1617.3 | 1617.3 |
| 22.5° | 1546.1 | 1578.5 | 1603.1 | 1622.9 | 1633.3 | 1637.4 | 1636.1 |
| 25° | 1567.0 | 1594.9 | 1609.8 | 1615.7 | 1618.4 | 1617.6 | 1610.2 |
| 27.5° | 1538.3 | 1537.1 | 1527.6 | 1509.5 | 1496.0 | 1487.7 | 1478.3 |
| 30° | 1483.7 | 1463.2 | 1439.7 | 1413.7 | 1380.3 | 1354.7 | 1347.0 |
| 32.5° | 1402.3 | 1356.3 | 1316.5 | 1273.2 | 1237.3 | 1211.7 | 1201.0 |
| 35° | 1244.8 | 1172.0 | 1112.8 | 1060.9 | 1023.2 | 999.6 | 991.7 |
| 37.5° | 1057.9 | 987.5 | 914.1 | 863.8 | 832.5 | 808.7 | 799.8 |
| 40° | 939.1 | 862.4 | 798.4 | 751.2 | 719.0 | 695.9 | 695.5 |
| 42.5° | 830.6 | 757.5 | 697.2 | 663.3 | 628.5 | 613.2 | 613.1 |
| 45° | 680.1 | 621.6 | 570.5 | 543.8 | 523.0 | 510.4 | 506.9 |
| 47.5° | 563.1 | 514.7 | 480.7 | 459.4 | 442.4 | 434.4 | 429.2 |
| 50° | 497.5 | 455.0 | 427.9 | 409.4 | 400.0 | 389.8 | 389.0 |
| 52.5° | 442.7 | 408.5 | 387.4 | 372.3 | 360.4 | 354.3 | 354.5 |
| 55° | 372.1 | 345.0 | 330.0 | 318.6 | 309.2 | 304.5 | 302.6 |
| 57.5° | 313.5 | 293.2 | 282.3 | 271.9 | 267.8 | 264.1 | 263.1 |
| 60° | 277.0 | 263.3 | 253.1 | 244.8 | 238.9 | 237.7 | 237.3 |
| 62.5° | 246.8 | 232.5 | 225.4 | 219.0 | 214.7 | 212.9 | 212.2 |
| 65° | 203.5 | 192.9 | 186.6 | 181.6 | 180.0 | 177.2 | 176.8 |
| 67.5° | 164.1 | 157.7 | 153.6 | 150.1 | 147.8 | 147.7 | 147.7 |
| 70° | 139.9 | 136.3 | 132.8 | 130.9 | 129.7 | 128.9 | 128.9 |
| 72.5° | 119.2 | 116.5 | 113.6 | 112.6 | 112.4 | 111.6 | 111.3 |
| 75° | 90.8 | 88.1 | 88.4 | 86.4 | 84.8 | 82.9 | 81.7 |
| 77.5° | 64.3 | 62.4 | 62.0 | 61.8 | 60.4 | 60.2 | 60.8 |
| 80° | 49.9 | 48.0 | 47.6 | 48.0 | 47.6 | 46.4 | 46.4 |
| 82.5° | 38.0 | 36.4 | 36.0 | 35.6 | 35.2 | 35.6 | 35.0 |
| 85° | 20.4 | 19.7 | 19.7 | 19.7 | 20.4 | 20.0 | 19.7 |
| 87.5° | 8.6 | 8.4 | 8.7 | 8.4 | 8.5 | 8.1 | 8.4 |
| 90° | 6.8 | 7.2 | 7.2 | 7.5 | 7.9 | 7.5 | 7.5 |
| 92.5° | 52.7 | 42.0 | 34.8 | 30.6 | 28.7 | 27.5 | 27.5 |
| 95° | 209.1 | 161.3 | 126.7 | 109.2 | 98.2 | 91.7 | 87.1 |
| 97.5° | 370.2 | 335.3 | 298.0 | 272.4 | 251.0 | 240.2 | 232.8 |
| 100° | 437.6 | 420.1 | 393.6 | 362.6 | 340.8 | 330.1 | 327.3 |
| 102.5° | 463.8 | 468.9 | 457.9 | 438.9 | 423.1 | 411.8 | 409.5 |
| 105° | 461.5 | 496.9 | 511.5 | 512.2 | 509.3 | 504.3 | 502.2 |
| 107.5° | 424.7 | 474.4 | 506.3 | 523.9 | 532.1 | 535.6 | 536.5 |
| 110° | 396.2 | 448.0 | 487.2 | 512.5 | 527.6 | 533.9 | 537.1 |



TEST NUMBER: P332897-840

CATALOG NUMBER: S124RDIP-S575D365U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 371.0 | 419.9 | 459.2 | 488.0 | 506.1 | 515.1 | 520.3 |
| 115° | 342.2 | 384.1 | 418.3 | 446.5 | 467.9 | 479.4 | 482.2 |
| 117.5° | 325.9 | 358.7 | 387.8 | 411.8 | 429.8 | 441.3 | 443.5 |
| 120° | 318.7 | 347.3 | 372.6 | 392.9 | 408.7 | 418.0 | 421.9 |
| 122.5° | 314.2 | 340.1 | 362.3 | 379.5 | 392.9 | 400.8 | 404.8 |
| 125° | 306.9 | 331.5 | 351.2 | 365.5 | 375.9 | 382.6 | 384.8 |
| 127.5° | 298.4 | 323.1 | 341.6 | 356.0 | 365.2 | 370.9 | 373.0 |
| 130° | 291.6 | 315.9 | 334.8 | 349.4 | 358.3 | 364.1 | 366.2 |
| 132.5° | 283.9 | 307.6 | 326.5 | 340.8 | 350.9 | 356.4 | 358.5 |
| 135° | 272.4 | 294.1 | 311.9 | 326.2 | 336.2 | 341.9 | 344.1 |
| 137.5° | 261.3 | 279.6 | 295.7 | 309.1 | 318.9 | 323.7 | 326.2 |
| 140° | 254.1 | 270.1 | 285.2 | 297.7 | 305.5 | 310.5 | 313.4 |
| 142.5° | 248.1 | 261.9 | 274.9 | 286.0 | 293.3 | 297.7 | 299.6 |
| 145° | 239.8 | 250.5 | 260.5 | 269.4 | 275.5 | 279.1 | 280.8 |
| 147.5° | 232.7 | 241.3 | 249.1 | 255.7 | 260.9 | 263.6 | 264.3 |
| 150° | 228.4 | 235.6 | 242.0 | 247.7 | 252.4 | 254.5 | 254.8 |
| 152.5° | 224.2 | 230.8 | 236.0 | 240.9 | 244.6 | 245.9 | 246.3 |
| 155° | 218.0 | 223.4 | 227.7 | 231.3 | 234.1 | 235.2 | 235.2 |
| 157.5° | 212.1 | 216.6 | 220.0 | 222.7 | 224.9 | 225.5 | 225.5 |
| 160° | 208.0 | 212.0 | 214.9 | 217.0 | 219.1 | 219.5 | 219.5 |
| 162.5° | 204.4 | 207.4 | 210.1 | 211.6 | 213.7 | 214.1 | 213.8 |
| 165° | 198.8 | 201.3 | 203.1 | 204.5 | 205.9 | 205.6 | 205.2 |
| 167.5° | 194.1 | 196.1 | 197.1 | 197.8 | 198.8 | 198.7 | 198.4 |
| 170° | 191.0 | 192.4 | 193.5 | 194.2 | 194.5 | 194.2 | 194.2 |
| 172.5° | 188.3 | 189.2 | 190.1 | 190.5 | 190.8 | 190.5 | 189.9 |
| 175° | 184.9 | 185.6 | 185.6 | 185.6 | 186.3 | 185.6 | 184.9 |
| 177.5° | 182.8 | 182.8 | 183.1 | 182.8 | 183.1 | 182.5 | 182.0 |
| 180° | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 | 181.7 |

(END OF REPORT)