

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: P333329-935

Luminaire Tested: **S125DIP-S1270D1035U935-4F0-1E-UDD-F1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333329-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIP-S1270D1035U935-4F0-1E-UDD-F1  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

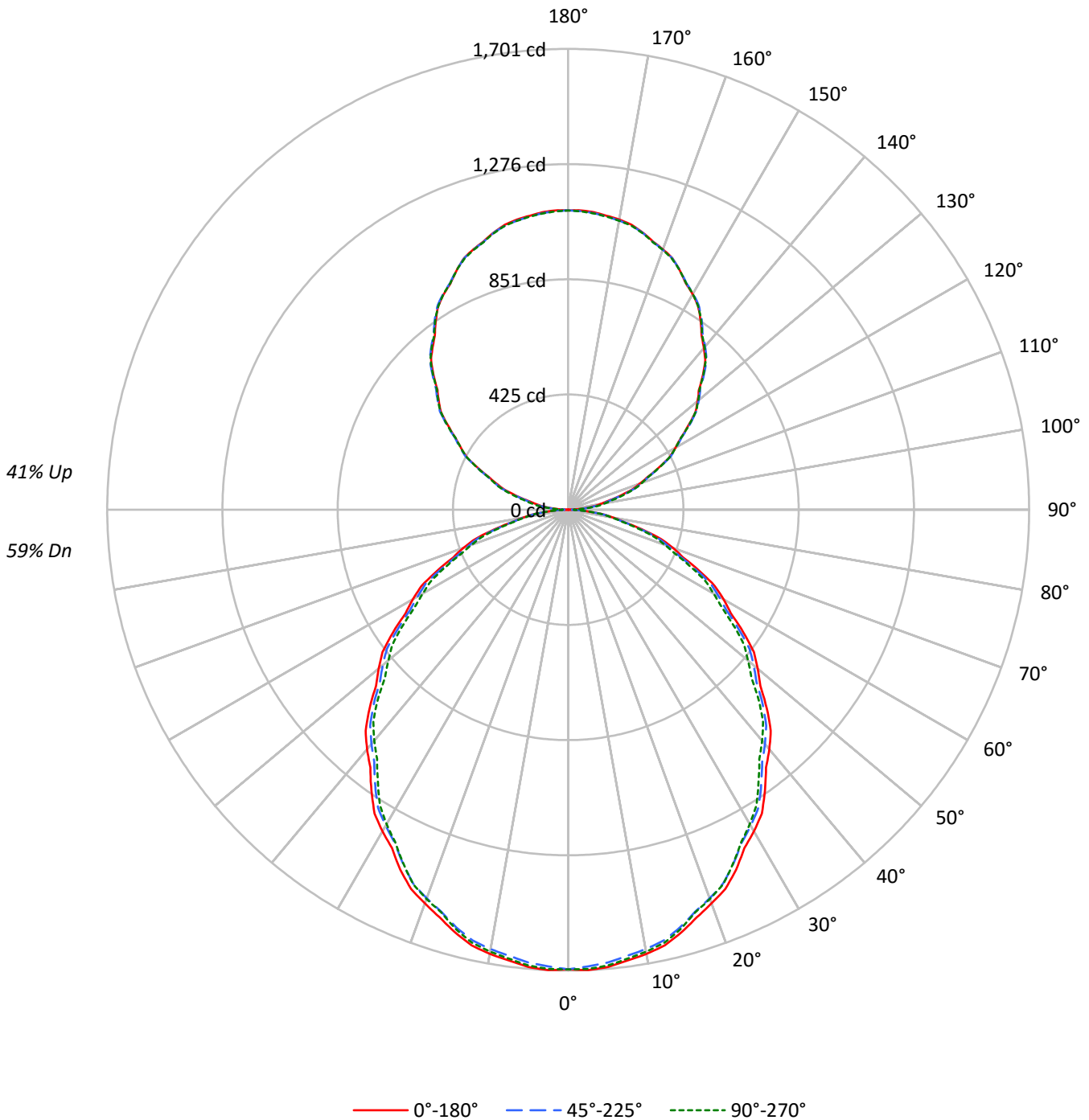
Lumens per Lamp: N/A  
Luminaire Lumens: 7500.0 lumens  
Efficiency: N/A  
Efficacy: 112.3 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.18 / 1.31  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 66.8  
Input Voltage (V): 120  
Input Current (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



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 76 | 76 | 76 | 64 | 64 | 64 | 59 |
| 1   | 100 | 95  | 91  | 88  | 93  | 89  | 86  | 82  | 77 | 75 | 72 | 67 | 65 | 63 | 57 | 55 | 54 | 49 |
| 2   | 91  | 83  | 77  | 72  | 84  | 78  | 72  | 68  | 68 | 64 | 60 | 58 | 55 | 53 | 50 | 48 | 46 | 41 |
| 3   | 83  | 73  | 66  | 60  | 77  | 68  | 62  | 56  | 60 | 55 | 50 | 52 | 48 | 44 | 44 | 41 | 39 | 35 |
| 4   | 76  | 65  | 57  | 50  | 70  | 61  | 54  | 48  | 53 | 47 | 43 | 46 | 42 | 38 | 39 | 36 | 33 | 30 |
| 5   | 70  | 58  | 49  | 43  | 65  | 54  | 47  | 41  | 48 | 42 | 37 | 41 | 37 | 33 | 36 | 32 | 29 | 26 |
| 6   | 64  | 52  | 44  | 38  | 60  | 49  | 41  | 36  | 43 | 37 | 32 | 37 | 33 | 29 | 32 | 29 | 26 | 23 |
| 7   | 59  | 47  | 39  | 33  | 55  | 44  | 37  | 32  | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 26 | 23 | 20 |
| 8   | 55  | 43  | 35  | 29  | 51  | 40  | 33  | 28  | 36 | 30 | 25 | 31 | 26 | 23 | 27 | 23 | 20 | 18 |
| 9   | 51  | 39  | 31  | 26  | 48  | 37  | 30  | 25  | 33 | 27 | 23 | 29 | 24 | 21 | 25 | 21 | 18 | 16 |
| 10  | 48  | 36  | 28  | 23  | 45  | 34  | 27  | 23  | 30 | 24 | 21 | 27 | 22 | 19 | 23 | 19 | 17 | 15 |

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

|     | 0°    | 45°   | 90°   |
|-----|-------|-------|-------|
| 0°  | 10959 | 10959 | 10959 |
| 5°  | 10983 | 10878 | 10949 |
| 10° | 10916 | 10802 | 10864 |
| 15° | 10797 | 10672 | 10717 |
| 20° | 10628 | 10490 | 10509 |
| 25° | 10446 | 10274 | 10264 |
| 30° | 10221 | 10041 | 9991  |
| 35° | 9980  | 9790  | 9653  |
| 40° | 9732  | 9517  | 9382  |
| 45° | 9465  | 9270  | 9085  |
| 50° | 9171  | 8969  | 8699  |
| 55° | 8888  | 8631  | 8389  |
| 60° | 8548  | 8289  | 7994  |
| 65° | 8145  | 7878  | 7610  |
| 70° | 7757  | 7402  | 7149  |
| 75° | 7069  | 6835  | 6598  |
| 80° | 6289  | 6189  | 6044  |
| 85° | 5476  | 5572  | 5269  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 160.0  | 2.1       |
| 10°-20°   | 451.9  | 6.0       |
| 20°-30°   | 667.3  | 8.9       |
| 30°-40°   | 778.6  | 10.4      |
| 40°-50°   | 782.0  | 10.4      |
| 50°-60°   | 686.5  | 9.2       |
| 60°-70°   | 511.5  | 6.8       |
| 70°-80°   | 292.5  | 3.9       |
| 80°-90°   | 87.5   | 1.2       |
| 90°-100°  | 74.0   | 1.0       |
| 100°-110° | 218.5  | 2.9       |
| 110°-120° | 370.0  | 4.9       |
| 120°-130° | 487.0  | 6.5       |
| 130°-140° | 545.7  | 7.3       |
| 140°-150° | 534.8  | 7.1       |
| 150°-160° | 449.2  | 6.0       |
| 160°-170° | 298.6  | 4.0       |
| 170°-180° | 104.5  | 1.4       |
| 0°-30°    | 1279.2 | 17.1      |
| 0°-40°    | 2057.8 | 27.4      |
| 0°-60°    | 3526.3 | 47.0      |
| 0°-90°    | 4417.8 | 58.9      |
| 90°-120°  | 662.5  | 8.8       |
| 90°-150°  | 2229.9 | 29.7      |
| 90°-180°  | 3082.0 | 41.1      |
| 0°-180°   | 7500.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1697 | 1697  | 1697 | 1697  | 1697 |      |
| 5°   | 1694 | 1691  | 1678 | 1689  | 1689 | 161  |
| 15°  | 1615 | 1610  | 1596 | 1602  | 1603 | 455  |
| 25°  | 1466 | 1459  | 1442 | 1444  | 1440 | 674  |
| 35°  | 1266 | 1260  | 1242 | 1235  | 1224 | 791  |
| 45°  | 1036 | 1030  | 1015 | 999   | 995  | 798  |
| 55°  | 789  | 784   | 766  | 755   | 745  | 704  |
| 65°  | 533  | 530   | 516  | 504   | 498  | 529  |
| 75°  | 283  | 280   | 274  | 270   | 264  | 302  |
| 85°  | 74   | 75    | 75   | 74    | 71   | 83   |
| 90°  | 1    | 8     | 14   | 18    | 21   | 7    |
| 95°  | 56   | 58    | 66   | 72    | 74   | 60   |
| 105° | 196  | 200   | 205  | 210   | 213  | 209  |
| 115° | 370  | 374   | 376  | 375   | 374  | 366  |
| 125° | 541  | 546   | 547  | 545   | 544  | 484  |
| 135° | 703  | 708   | 709  | 709   | 706  | 542  |
| 145° | 852  | 855   | 858  | 858   | 855  | 532  |
| 155° | 975  | 975   | 976  | 979   | 975  | 449  |
| 165° | 1060 | 1058  | 1059 | 1062  | 1057 | 299  |
| 175° | 1102 | 1099  | 1098 | 1103  | 1098 | 105  |
| 180° | 1105 | 1105  | 1105 | 1105  | 1105 |      |



TEST NUMBER: P333329-935

CATALOG NUMBER: S125DIP-S1270D1035U935-4F0-1E-UDD-F1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 |
| 2.5°   | 1701.1 | 1700.4 | 1699.7 | 1698.9 | 1698.2 | 1696.7 | 1694.3 | 1691.9 | 1689.5 | 1687.1 | 1689.5 |
| 5°     | 1694.1 | 1693.5 | 1692.9 | 1692.3 | 1691.7 | 1690.0 | 1687.0 | 1683.9 | 1681.0 | 1678.0 | 1680.7 |
| 7.5°   | 1678.5 | 1677.9 | 1677.3 | 1676.7 | 1676.1 | 1674.2 | 1670.9 | 1667.7 | 1664.4 | 1661.1 | 1663.7 |
| 10°    | 1664.6 | 1664.0 | 1663.4 | 1662.8 | 1662.2 | 1660.3 | 1657.0 | 1653.7 | 1650.4 | 1647.1 | 1649.5 |
| 12.5°  | 1647.4 | 1646.3 | 1645.3 | 1644.2 | 1643.1 | 1641.1 | 1638.0 | 1635.0 | 1631.9 | 1628.8 | 1630.8 |
| 15°    | 1614.9 | 1614.0 | 1613.1 | 1612.2 | 1611.4 | 1609.2 | 1605.9 | 1602.7 | 1599.4 | 1596.1 | 1597.6 |
| 17.5°  | 1577.6 | 1576.3 | 1574.9 | 1573.6 | 1572.4 | 1569.9 | 1566.6 | 1563.1 | 1559.8 | 1556.3 | 1558.2 |
| 20°    | 1546.4 | 1545.8 | 1545.2 | 1544.6 | 1544.0 | 1541.8 | 1537.9 | 1534.0 | 1530.2 | 1526.3 | 1528.4 |
| 22.5°  | 1515.3 | 1514.2 | 1513.1 | 1512.1 | 1511.0 | 1508.6 | 1505.0 | 1501.4 | 1497.7 | 1494.1 | 1495.5 |
| 25°    | 1465.9 | 1464.4 | 1462.9 | 1461.5 | 1459.9 | 1457.2 | 1453.4 | 1449.5 | 1445.6 | 1441.7 | 1442.3 |
| 27.5°  | 1408.2 | 1407.3 | 1406.4 | 1405.5 | 1404.6 | 1402.1 | 1398.2 | 1394.1 | 1390.2 | 1386.1 | 1386.3 |
| 30°    | 1370.6 | 1369.7 | 1368.8 | 1367.9 | 1367.0 | 1364.3 | 1359.9 | 1355.4 | 1350.9 | 1346.4 | 1345.8 |
| 32.5°  | 1329.8 | 1328.4 | 1327.1 | 1325.7 | 1324.3 | 1321.6 | 1317.6 | 1313.6 | 1309.6 | 1305.6 | 1304.6 |
| 35°    | 1265.8 | 1264.7 | 1263.5 | 1262.3 | 1261.1 | 1258.4 | 1254.2 | 1250.1 | 1245.9 | 1241.7 | 1240.3 |
| 37.5°  | 1199.5 | 1198.1 | 1196.6 | 1195.1 | 1193.6 | 1190.8 | 1187.0 | 1183.0 | 1179.1 | 1175.2 | 1172.9 |
| 40°    | 1154.4 | 1153.0 | 1151.5 | 1150.0 | 1148.5 | 1145.6 | 1141.5 | 1137.3 | 1133.2 | 1128.9 | 1126.3 |
| 42.5°  | 1106.1 | 1104.9 | 1103.6 | 1102.3 | 1101.1 | 1098.4 | 1094.2 | 1090.0 | 1085.9 | 1081.7 | 1079.3 |
| 45°    | 1036.3 | 1035.2 | 1034.0 | 1032.8 | 1031.6 | 1029.2 | 1025.6 | 1022.0 | 1018.5 | 1014.9 | 1011.2 |
| 47.5°  | 961.1  | 961.2  | 961.3  | 961.3  | 961.4  | 959.2  | 955.0  | 950.7  | 946.4  | 942.1  | 938.5  |
| 50°    | 912.8  | 912.0  | 911.0  | 910.2  | 909.2  | 907.0  | 903.4  | 899.8  | 896.3  | 892.7  | 888.8  |
| 52.5°  | 863.4  | 862.8  | 862.1  | 861.4  | 860.8  | 858.6  | 854.7  | 850.9  | 847.1  | 843.3  | 839.9  |
| 55°    | 789.4  | 788.4  | 787.6  | 786.6  | 785.7  | 783.3  | 779.0  | 774.9  | 770.7  | 766.5  | 763.8  |
| 57.5°  | 711.2  | 710.8  | 710.2  | 709.8  | 709.3  | 707.3  | 703.8  | 700.3  | 696.7  | 693.2  | 689.7  |
| 60°    | 661.8  | 660.6  | 659.4  | 658.2  | 657.0  | 654.8  | 651.5  | 648.2  | 645.0  | 641.7  | 638.7  |
| 62.5°  | 610.3  | 609.3  | 608.4  | 607.3  | 606.4  | 604.6  | 601.8  | 598.9  | 596.2  | 593.3  | 590.1  |
| 65°    | 533.0  | 532.4  | 531.8  | 531.2  | 530.5  | 528.6  | 525.3  | 522.0  | 518.8  | 515.5  | 512.8  |
| 67.5°  | 458.1  | 456.8  | 455.6  | 454.3  | 453.1  | 451.2  | 448.8  | 446.3  | 443.8  | 441.3  | 439.1  |
| 70°    | 410.8  | 409.3  | 407.8  | 406.3  | 404.8  | 402.7  | 400.0  | 397.4  | 394.7  | 392.0  | 390.2  |
| 72.5°  | 359.2  | 358.2  | 357.2  | 356.2  | 355.2  | 353.8  | 352.1  | 350.3  | 348.6  | 346.9  | 344.8  |
| 75°    | 283.3  | 282.7  | 282.1  | 281.5  | 280.9  | 279.8  | 278.4  | 276.8  | 275.3  | 273.9  | 272.9  |
| 77.5°  | 213.2  | 212.9  | 212.7  | 212.5  | 212.2  | 211.7  | 210.9  | 210.0  | 209.1  | 208.4  | 207.8  |
| 80°    | 169.1  | 169.1  | 169.1  | 169.1  | 169.1  | 168.8  | 168.2  | 167.6  | 167.0  | 166.4  | 166.2  |
| 82.5°  | 130.4  | 130.0  | 129.5  | 129.1  | 128.5  | 128.3  | 128.1  | 128.0  | 127.9  | 127.8  | 127.3  |
| 85°    | 73.9   | 74.1   | 74.4   | 74.7   | 75.0   | 75.2   | 75.2   | 75.2   | 75.2   | 75.2   | 74.9   |
| 87.5°  | 29.2   | 29.4   | 29.8   | 30.0   | 30.4   | 30.6   | 30.6   | 30.7   | 30.7   | 30.7   | 30.8   |
| 90°    | 0.9    | 2.4    | 3.9    | 5.4    | 7.0    | 8.4    | 9.7    | 11.1   | 12.4   | 13.8   | 14.7   |
| 92.5°  | 20.8   | 21.9   | 22.9   | 24.0   | 25.1   | 26.4   | 28.1   | 29.7   | 31.3   | 33.0   | 34.3   |
| 95°    | 55.9   | 56.2   | 56.7   | 57.0   | 57.4   | 58.5   | 60.4   | 62.3   | 64.3   | 66.2   | 67.5   |
| 97.5°  | 92.8   | 93.0   | 93.2   | 93.3   | 93.4   | 94.9   | 97.5   | 100.1  | 102.7  | 105.4  | 106.7  |
| 100°   | 120.4  | 120.4  | 120.4  | 120.4  | 120.4  | 121.6  | 124.1  | 126.6  | 129.1  | 131.5  | 133.2  |
| 102.5° | 149.9  | 150.7  | 151.4  | 152.2  | 153.0  | 153.9  | 155.2  | 156.5  | 157.7  | 159.0  | 160.9  |
| 105°   | 196.0  | 196.9  | 197.9  | 198.9  | 199.8  | 200.9  | 202.0  | 203.1  | 204.3  | 205.4  | 206.6  |
| 107.5° | 246.8  | 247.8  | 248.7  | 249.8  | 250.7  | 251.6  | 252.4  | 253.4  | 254.3  | 255.1  | 255.7  |
| 110°   | 282.0  | 282.9  | 283.9  | 284.8  | 285.8  | 286.5  | 287.1  | 287.7  | 288.3  | 288.8  | 289.4  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 317.7  | 318.2  | 318.7  | 319.2  | 319.7  | 320.3  | 321.1  | 321.8  | 322.4  | 323.2  | 323.5  |
| 115°   | 370.5  | 371.3  | 372.0  | 372.8  | 373.5  | 374.1  | 374.4  | 374.9  | 375.2  | 375.7  | 375.5  |
| 117.5° | 423.4  | 423.8  | 424.1  | 424.5  | 424.8  | 425.2  | 425.5  | 425.9  | 426.2  | 426.5  | 426.7  |
| 120°   | 456.4  | 457.4  | 458.3  | 459.3  | 460.3  | 460.8  | 461.0  | 461.2  | 461.4  | 461.6  | 461.6  |
| 122.5° | 492.2  | 492.6  | 492.9  | 493.3  | 493.6  | 494.0  | 494.5  | 495.0  | 495.5  | 495.9  | 495.8  |
| 125°   | 540.7  | 541.8  | 542.9  | 544.2  | 545.3  | 546.0  | 546.1  | 546.3  | 546.5  | 546.7  | 546.3  |
| 127.5° | 592.3  | 592.9  | 593.6  | 594.2  | 594.9  | 595.3  | 595.6  | 595.7  | 596.0  | 596.2  | 596.0  |
| 130°   | 623.2  | 624.1  | 625.1  | 626.0  | 627.0  | 627.7  | 628.1  | 628.4  | 628.8  | 629.2  | 629.0  |
| 132.5° | 654.1  | 655.7  | 657.3  | 658.8  | 660.4  | 661.2  | 661.1  | 661.0  | 660.9  | 660.8  | 660.6  |
| 135°   | 703.2  | 704.3  | 705.4  | 706.5  | 707.7  | 708.4  | 708.6  | 708.8  | 708.9  | 709.1  | 709.1  |
| 137.5° | 749.2  | 750.3  | 751.4  | 752.5  | 753.6  | 754.4  | 754.8  | 755.3  | 755.7  | 756.0  | 756.3  |
| 140°   | 778.8  | 779.7  | 780.7  | 781.6  | 782.6  | 783.3  | 783.9  | 784.5  | 785.1  | 785.7  | 786.0  |
| 142.5° | 808.3  | 809.2  | 809.9  | 810.7  | 811.6  | 812.4  | 813.0  | 813.8  | 814.5  | 815.2  | 815.5  |
| 145°   | 851.9  | 852.6  | 853.3  | 854.1  | 854.9  | 855.6  | 856.2  | 856.7  | 857.3  | 857.9  | 857.9  |
| 147.5° | 892.1  | 892.5  | 892.9  | 893.4  | 893.7  | 894.2  | 894.7  | 895.1  | 895.5  | 896.0  | 896.5  |
| 150°   | 918.9  | 918.7  | 918.5  | 918.3  | 918.2  | 918.4  | 919.2  | 920.0  | 920.7  | 921.4  | 921.4  |
| 152.5° | 940.9  | 941.2  | 941.4  | 941.7  | 941.9  | 942.3  | 942.5  | 942.9  | 943.1  | 943.5  | 943.9  |
| 155°   | 974.7  | 974.7  | 974.7  | 974.7  | 974.7  | 974.8  | 975.1  | 975.3  | 975.4  | 975.6  | 976.4  |
| 157.5° | 1005.0 | 1004.6 | 1004.2 | 1003.8 | 1003.3 | 1003.2 | 1003.4 | 1003.6 | 1003.8 | 1004.0 | 1004.8 |
| 160°   | 1022.9 | 1022.4 | 1021.7 | 1021.1 | 1020.6 | 1020.5 | 1020.6 | 1020.8 | 1021.0 | 1021.1 | 1021.9 |
| 162.5° | 1038.7 | 1038.3 | 1037.8 | 1037.4 | 1037.1 | 1036.8 | 1036.9 | 1036.9 | 1037.0 | 1037.0 | 1037.9 |
| 165°   | 1059.9 | 1059.5 | 1059.1 | 1058.7 | 1058.3 | 1058.3 | 1058.4 | 1058.6 | 1058.8 | 1059.0 | 1059.8 |
| 167.5° | 1077.7 | 1076.9 | 1076.2 | 1075.5 | 1074.7 | 1074.3 | 1074.3 | 1074.3 | 1074.3 | 1074.3 | 1075.5 |
| 170°   | 1087.4 | 1086.6 | 1085.8 | 1085.1 | 1084.3 | 1083.9 | 1083.9 | 1083.9 | 1083.9 | 1083.9 | 1085.1 |
| 172.5° | 1094.2 | 1093.5 | 1092.7 | 1091.9 | 1091.2 | 1090.8 | 1090.8 | 1090.8 | 1090.8 | 1090.8 | 1091.9 |
| 175°   | 1102.0 | 1101.2 | 1100.4 | 1099.7 | 1098.9 | 1098.5 | 1098.5 | 1098.5 | 1098.5 | 1098.5 | 1099.7 |
| 177.5° | 1106.0 | 1105.4 | 1104.7 | 1104.1 | 1103.5 | 1103.1 | 1102.9 | 1102.8 | 1102.7 | 1102.5 | 1103.5 |
| 180°   | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 |



TEST NUMBER: P333329-935

CATALOG NUMBER: S125DIP-S1270D1035U935-4F0-1E-UDD-F1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 | 1696.8 |
| 2.5°   | 1691.9 | 1694.3 | 1696.7 | 1697.7 | 1697.5 | 1697.3 | 1697.0 | 1696.8 |
| 5°     | 1683.3 | 1686.1 | 1688.8 | 1690.0 | 1689.6 | 1689.4 | 1689.0 | 1688.8 |
| 7.5°   | 1666.3 | 1669.0 | 1671.5 | 1672.8 | 1672.5 | 1672.1 | 1671.9 | 1671.5 |
| 10°    | 1651.9 | 1654.3 | 1656.7 | 1657.7 | 1657.4 | 1657.1 | 1656.8 | 1656.6 |
| 12.5°  | 1632.7 | 1634.6 | 1636.5 | 1637.4 | 1637.4 | 1637.3 | 1637.3 | 1637.2 |
| 15°    | 1599.1 | 1600.6 | 1602.1 | 1602.8 | 1602.8 | 1602.8 | 1602.8 | 1602.8 |
| 17.5°  | 1560.0 | 1561.9 | 1563.7 | 1563.9 | 1562.5 | 1561.0 | 1559.4 | 1558.0 |
| 20°    | 1530.5 | 1532.6 | 1534.6 | 1535.0 | 1533.4 | 1532.0 | 1530.5 | 1529.0 |
| 22.5°  | 1496.8 | 1498.2 | 1499.6 | 1499.8 | 1498.7 | 1497.7 | 1496.7 | 1495.7 |
| 25°    | 1442.9 | 1443.6 | 1444.2 | 1444.0 | 1443.1 | 1442.2 | 1441.3 | 1440.4 |
| 27.5°  | 1386.4 | 1386.6 | 1386.6 | 1386.2 | 1385.3 | 1384.5 | 1383.5 | 1382.7 |
| 30°    | 1345.2 | 1344.6 | 1344.0 | 1343.3 | 1342.4 | 1341.5 | 1340.6 | 1339.7 |
| 32.5°  | 1303.5 | 1302.4 | 1301.3 | 1299.9 | 1298.4 | 1296.8 | 1295.1 | 1293.6 |
| 35°    | 1238.7 | 1237.3 | 1235.8 | 1233.8 | 1231.4 | 1229.1 | 1226.7 | 1224.3 |
| 37.5°  | 1170.7 | 1168.5 | 1166.3 | 1164.5 | 1163.1 | 1161.7 | 1160.4 | 1159.0 |
| 40°    | 1123.6 | 1120.9 | 1118.2 | 1116.5 | 1115.5 | 1114.7 | 1113.7 | 1112.8 |
| 42.5°  | 1076.9 | 1074.4 | 1071.9 | 1070.1 | 1068.7 | 1067.3 | 1065.9 | 1064.5 |
| 45°    | 1007.7 | 1004.1 | 1000.6 | 998.3  | 997.4  | 996.5  | 995.6  | 994.7  |
| 47.5°  | 934.8  | 931.2  | 927.6  | 924.7  | 922.6  | 920.5  | 918.4  | 916.4  |
| 50°    | 884.9  | 881.1  | 877.2  | 874.2  | 872.1  | 870.0  | 868.0  | 865.8  |
| 52.5°  | 836.5  | 833.1  | 829.7  | 826.8  | 824.5  | 822.2  | 819.8  | 817.5  |
| 55°    | 761.1  | 758.5  | 755.8  | 753.4  | 751.3  | 749.2  | 747.1  | 745.0  |
| 57.5°  | 686.3  | 682.9  | 679.4  | 677.1  | 676.0  | 674.9  | 673.6  | 672.5  |
| 60°    | 635.7  | 632.7  | 629.7  | 627.2  | 625.1  | 623.0  | 621.0  | 618.9  |
| 62.5°  | 586.9  | 583.7  | 580.5  | 578.1  | 576.4  | 574.8  | 573.2  | 571.6  |
| 65°    | 510.1  | 507.4  | 504.7  | 502.8  | 501.6  | 500.4  | 499.2  | 498.0  |
| 67.5°  | 436.9  | 434.5  | 432.3  | 430.8  | 430.1  | 429.4  | 428.7  | 427.9  |
| 70°    | 388.4  | 386.6  | 384.8  | 383.3  | 382.1  | 380.9  | 379.8  | 378.6  |
| 72.5°  | 342.9  | 340.8  | 338.8  | 337.2  | 336.0  | 334.8  | 333.6  | 332.3  |
| 75°    | 272.1  | 271.1  | 270.3  | 269.2  | 268.0  | 266.8  | 265.6  | 264.4  |
| 77.5°  | 207.2  | 206.7  | 206.2  | 205.5  | 204.7  | 203.8  | 203.0  | 202.2  |
| 80°    | 165.8  | 165.6  | 165.2  | 164.8  | 164.2  | 163.6  | 163.0  | 162.5  |
| 82.5°  | 126.7  | 126.2  | 125.6  | 125.4  | 125.2  | 125.1  | 124.9  | 124.8  |
| 85°    | 74.6   | 74.3   | 74.0   | 73.5   | 72.9   | 72.3   | 71.7   | 71.1   |
| 87.5°  | 31.1   | 31.3   | 31.4   | 31.3   | 31.0   | 30.7   | 30.2   | 29.9   |
| 90°    | 15.7   | 16.6   | 17.6   | 18.3   | 18.9   | 19.5   | 20.1   | 20.7   |
| 92.5°  | 35.6   | 36.8   | 38.1   | 38.9   | 39.3   | 39.7   | 40.1   | 40.6   |
| 95°    | 68.9   | 70.2   | 71.5   | 72.4   | 72.8   | 73.2   | 73.5   | 74.0   |
| 97.5°  | 107.9  | 109.2  | 110.5  | 111.2  | 111.4  | 111.7  | 111.8  | 112.1  |
| 100°   | 134.9  | 136.6  | 138.4  | 139.5  | 139.8  | 140.2  | 140.6  | 140.9  |
| 102.5° | 162.7  | 164.6  | 166.5  | 167.7  | 168.2  | 168.8  | 169.4  | 169.9  |
| 105°   | 207.8  | 208.9  | 210.0  | 210.9  | 211.5  | 212.1  | 212.6  | 213.2  |
| 107.5° | 256.2  | 256.8  | 257.4  | 257.7  | 257.6  | 257.6  | 257.6  | 257.5  |
| 110°   | 290.0  | 290.5  | 291.1  | 291.3  | 291.1  | 290.9  | 290.8  | 290.5  |





TEST NUMBER: P333329-935

CATALOG NUMBER: S125DIP-S1270D1035U935-4F0-1E-UDD-F1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 323.7  | 324.0  | 324.3  | 324.3  | 323.9  | 323.6  | 323.2  | 322.9  |
| 115°   | 375.2  | 375.1  | 374.9  | 374.7  | 374.4  | 374.3  | 374.1  | 373.9  |
| 117.5° | 426.8  | 427.0  | 427.1  | 426.8  | 426.0  | 425.3  | 424.6  | 423.8  |
| 120°   | 461.6  | 461.6  | 461.6  | 461.2  | 460.5  | 459.7  | 458.9  | 458.1  |
| 122.5° | 495.7  | 495.5  | 495.3  | 495.0  | 494.4  | 493.8  | 493.2  | 492.6  |
| 125°   | 546.0  | 545.5  | 545.2  | 544.8  | 544.7  | 544.5  | 544.3  | 544.2  |
| 127.5° | 595.8  | 595.6  | 595.5  | 595.1  | 594.8  | 594.3  | 594.0  | 593.7  |
| 130°   | 628.8  | 628.6  | 628.4  | 628.2  | 627.8  | 627.4  | 627.0  | 626.6  |
| 132.5° | 660.5  | 660.3  | 660.0  | 659.7  | 659.2  | 658.7  | 658.1  | 657.5  |
| 135°   | 709.1  | 709.1  | 709.1  | 708.8  | 708.0  | 707.2  | 706.5  | 705.7  |
| 137.5° | 756.6  | 756.7  | 757.0  | 756.6  | 755.7  | 754.8  | 753.8  | 752.9  |
| 140°   | 786.4  | 786.8  | 787.2  | 786.9  | 785.9  | 785.0  | 784.0  | 783.1  |
| 142.5° | 815.7  | 815.9  | 816.1  | 815.8  | 814.9  | 813.9  | 813.0  | 811.9  |
| 145°   | 857.9  | 857.9  | 857.9  | 857.6  | 857.0  | 856.4  | 855.8  | 855.3  |
| 147.5° | 896.9  | 897.4  | 897.9  | 897.4  | 896.1  | 894.8  | 893.5  | 892.3  |
| 150°   | 921.4  | 921.4  | 921.4  | 921.3  | 920.9  | 920.5  | 920.2  | 919.7  |
| 152.5° | 944.4  | 944.9  | 945.3  | 945.2  | 944.5  | 943.8  | 943.1  | 942.5  |
| 155°   | 977.1  | 977.9  | 978.7  | 978.6  | 977.7  | 976.6  | 975.7  | 974.7  |
| 157.5° | 1005.5 | 1006.3 | 1007.0 | 1006.8 | 1005.6 | 1004.3 | 1003.0 | 1001.8 |
| 160°   | 1022.7 | 1023.5 | 1024.2 | 1024.2 | 1023.2 | 1022.3 | 1021.3 | 1020.3 |
| 162.5° | 1038.8 | 1039.7 | 1040.7 | 1040.6 | 1039.5 | 1038.4 | 1037.2 | 1036.1 |
| 165°   | 1060.5 | 1061.3 | 1062.0 | 1061.9 | 1060.8 | 1059.5 | 1058.4 | 1057.3 |
| 167.5° | 1076.6 | 1077.7 | 1078.9 | 1078.8 | 1077.7 | 1076.5 | 1075.3 | 1074.1 |
| 170°   | 1086.2 | 1087.4 | 1088.5 | 1088.4 | 1087.1 | 1085.7 | 1084.4 | 1083.1 |
| 172.5° | 1093.1 | 1094.2 | 1095.4 | 1095.4 | 1094.2 | 1093.0 | 1091.8 | 1090.6 |
| 175°   | 1100.9 | 1102.0 | 1103.1 | 1103.0 | 1101.7 | 1100.4 | 1099.0 | 1097.7 |
| 177.5° | 1104.3 | 1105.3 | 1106.1 | 1106.1 | 1105.0 | 1104.0 | 1102.9 | 1101.8 |
| 180°   | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 | 1104.6 |

(END OF REPORT)