

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P995079

Luminaire Tested: S123RDW-B560DB27-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P995079  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDW-B560DB27-4F0-XX-W2A-A  
Description: Define 3 Regressed Direct Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

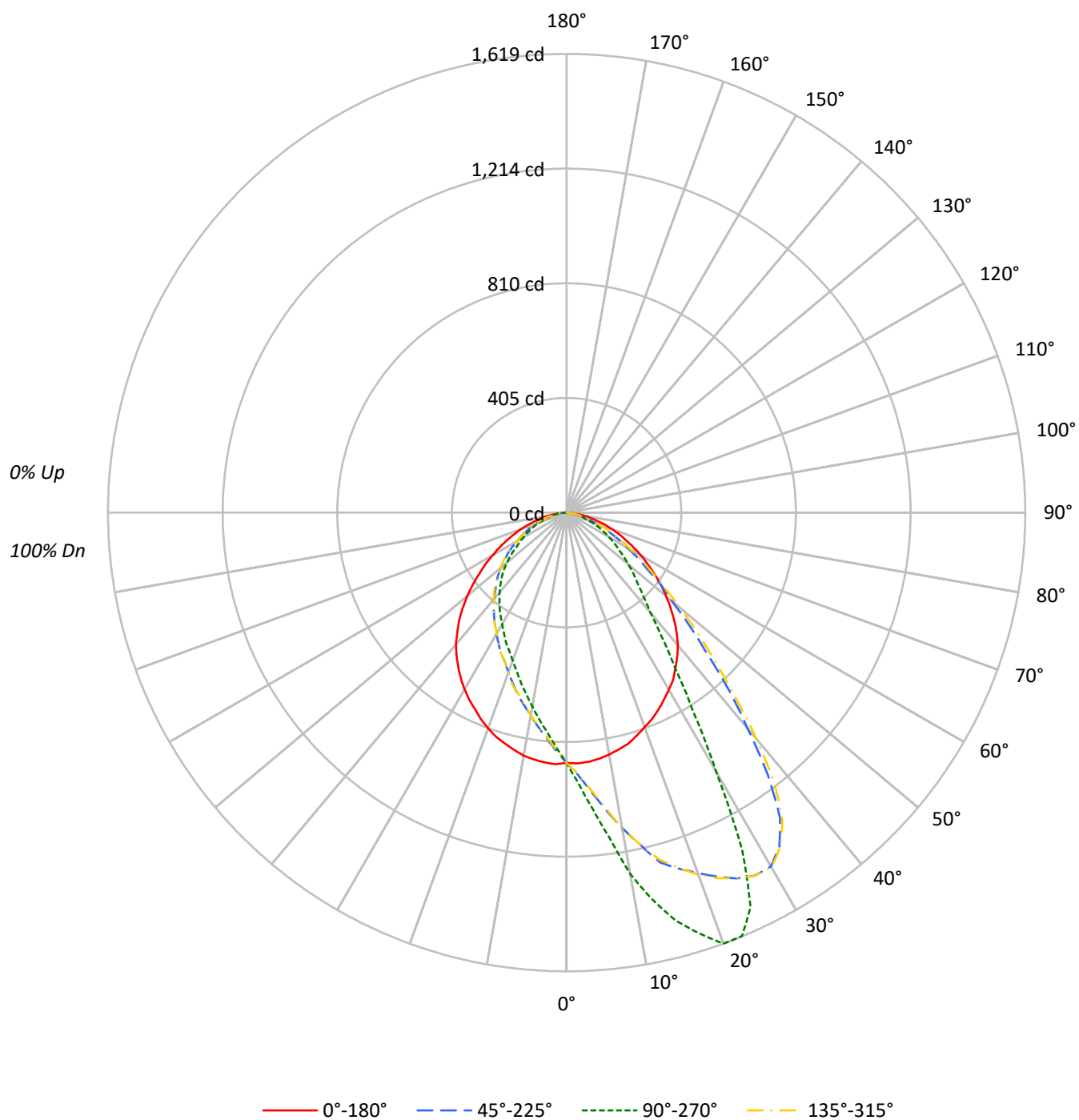
Lumens per Lamp: N/A  
Luminaire Lumens: 2200.0 lumens  
Efficiency: N/A  
Efficacy: 91.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 24  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 100 | 97  | 100 | 97  | 94  |  | 96  | 93  | 91  |  | 92  | 90  | 89  | 87  |
| 2   | 101 | 94  | 88  | 83  | 99  | 92  | 87  | 82  | 89  | 84  | 80  |  | 86  | 82  | 78  |  | 83  | 79  | 77  | 74  |
| 3   | 93  | 84  | 76  | 71  | 91  | 82  | 75  | 70  | 79  | 74  | 69  |  | 77  | 72  | 68  |  | 74  | 70  | 66  | 64  |
| 4   | 86  | 75  | 67  | 61  | 84  | 74  | 66  | 61  | 71  | 65  | 60  |  | 69  | 64  | 59  |  | 67  | 62  | 58  | 56  |
| 5   | 80  | 68  | 60  | 53  | 78  | 67  | 59  | 53  | 65  | 58  | 53  |  | 63  | 57  | 52  |  | 61  | 56  | 52  | 50  |
| 6   | 74  | 62  | 53  | 47  | 72  | 61  | 53  | 47  | 59  | 52  | 47  |  | 57  | 51  | 46  |  | 56  | 50  | 46  | 44  |
| 7   | 69  | 56  | 48  | 42  | 67  | 55  | 48  | 42  | 54  | 47  | 42  |  | 53  | 46  | 42  |  | 51  | 46  | 41  | 39  |
| 8   | 64  | 52  | 44  | 38  | 63  | 51  | 43  | 38  | 50  | 43  | 38  |  | 48  | 42  | 38  |  | 47  | 42  | 37  | 36  |
| 9   | 60  | 48  | 40  | 35  | 59  | 47  | 40  | 35  | 46  | 39  | 34  |  | 45  | 39  | 34  |  | 44  | 38  | 34  | 32  |
| 10  | 57  | 44  | 37  | 32  | 55  | 44  | 36  | 32  | 43  | 36  | 31  |  | 42  | 36  | 31  |  | 41  | 35  | 31  | 29  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 9510 | 9510  | 9510 | 9510 |
| 5°  | 9539 | 11337 | 9562 | 8411 |
| 10° | 9475 | 14154 | 9517 | 7599 |
| 15° | 9399 | 16614 | 9399 | 6929 |
| 20° | 9228 | 18543 | 9279 | 6360 |
| 25° | 9109 | 18246 | 9092 | 6011 |
| 30° | 8969 | 13115 | 8950 | 5650 |
| 35° | 8796 | 8757  | 8757 | 5418 |
| 40° | 8577 | 6452  | 8535 | 5176 |
| 45° | 8176 | 5412  | 8164 | 4940 |
| 50° | 7676 | 4776  | 7651 | 4610 |
| 55° | 7112 | 4187  | 7054 | 4159 |
| 60° | 6562 | 3729  | 6497 | 3810 |
| 65° | 5914 | 3275  | 5952 | 3545 |
| 70° | 5331 | 2571  | 5476 | 3238 |
| 75° | 4625 | 2267  | 4812 | 2957 |
| 80° | 3843 | 1971  | 4172 | 2907 |
| 85° | 3088 | 1593  | 3359 | 3088 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 15510 cd/sqm

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 86.8   | 3.9       |
| 10°-20°   | 271.6  | 12.3      |
| 20°-30°   | 427.8  | 19.4      |
| 30°-40°   | 444.8  | 20.2      |
| 40°-50°   | 380.6  | 17.3      |
| 50°-60°   | 290.1  | 13.2      |
| 60°-70°   | 185.9  | 8.4       |
| 70°-80°   | 89.1   | 4.0       |
| 80°-90°   | 23.4   | 1.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 786.1  | 35.7      |
| 0°-40°    | 1231.0 | 56.0      |
| 0°-60°    | 1901.6 | 86.4      |
| 0°-90°    | 2200.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2200.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90°  | 180° | 270° | 360° | Flux |
|-----|-----|------|------|------|------|------|
| 0°  | 884 | 884  | 884  | 884  | 884  |      |
| 5°  | 883 | 1049 | 885  | 778  | 883  | 84   |
| 15° | 843 | 1491 | 843  | 622  | 843  | 237  |
| 25° | 767 | 1536 | 766  | 506  | 767  | 353  |
| 35° | 669 | 666  | 666  | 412  | 669  | 419  |
| 45° | 537 | 356  | 536  | 324  | 537  | 414  |
| 55° | 379 | 223  | 376  | 222  | 379  | 340  |
| 65° | 232 | 129  | 234  | 139  | 232  | 232  |
| 75° | 111 | 54   | 116  | 71   | 111  | 120  |
| 85° | 25  | 13   | 27   | 25   | 25   | 29   |
| 90° | 0   | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P995079

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 883.5 | 883.5 | 883.5 | 883.5 | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  |
| 2.5°  | 885.8 | 891.8 | 896.4 | 899.4 | 907.0  | 911.5  | 915.3  | 922.1  | 922.1  | 923.6  | 926.6  |
| 5°    | 882.8 | 895.6 | 904.7 | 916.8 | 932.7  | 940.2  | 950.8  | 959.9  | 972.8  | 979.6  | 986.4  |
| 7.5°  | 876.0 | 894.1 | 913.0 | 931.2 | 954.6  | 969.7  | 980.3  | 1003.8 | 1020.4 | 1040.9 | 1056.7 |
| 10°   | 866.9 | 891.8 | 916.0 | 944.0 | 975.8  | 998.5  | 1014.4 | 1045.4 | 1077.2 | 1105.9 | 1130.1 |
| 12.5° | 855.5 | 885.8 | 920.6 | 954.6 | 999.2  | 1021.9 | 1047.7 | 1086.2 | 1131.6 | 1167.9 | 1200.5 |
| 15°   | 843.4 | 878.2 | 917.6 | 959.2 | 1015.1 | 1046.9 | 1084.0 | 1130.9 | 1181.5 | 1233.7 | 1278.4 |
| 17.5° | 824.5 | 868.4 | 912.3 | 972.8 | 1038.6 | 1057.5 | 1089.3 | 1153.6 | 1216.3 | 1263.2 | 1317.7 |
| 20°   | 805.6 | 854.8 | 910.0 | 964.5 | 1035.6 | 1079.4 | 1108.9 | 1177.0 | 1244.3 | 1301.1 | 1353.3 |
| 22.5° | 788.2 | 839.6 | 897.1 | 966.0 | 1032.5 | 1076.4 | 1113.5 | 1184.6 | 1262.5 | 1326.0 | 1390.3 |
| 25°   | 767.0 | 823.0 | 886.5 | 951.6 | 1032.5 | 1065.8 | 1106.7 | 1189.1 | 1271.6 | 1344.9 | 1424.4 |
| 27.5° | 744.3 | 801.1 | 863.8 | 930.4 | 1004.5 | 1053.7 | 1093.8 | 1182.3 | 1282.9 | 1361.6 | 1443.3 |
| 30°   | 721.6 | 779.9 | 840.4 | 900.2 | 983.4  | 1030.3 | 1076.4 | 1174.0 | 1289.0 | 1379.0 | 1441.8 |
| 32.5° | 699.7 | 748.9 | 808.6 | 866.9 | 949.3  | 1000.8 | 1053.0 | 1165.7 | 1291.2 | 1366.9 | 1397.1 |
| 35°   | 669.4 | 720.9 | 769.3 | 831.3 | 914.5  | 965.2  | 1026.5 | 1164.9 | 1281.4 | 1328.3 | 1313.2 |
| 37.5° | 641.5 | 684.6 | 730.7 | 785.9 | 871.4  | 937.2  | 1000.8 | 1145.2 | 1248.9 | 1251.9 | 1166.4 |
| 40°   | 610.4 | 646.0 | 684.6 | 742.8 | 835.1  | 900.2  | 969.0  | 1115.0 | 1189.9 | 1145.2 | 994.7  |
| 42.5° | 574.9 | 606.7 | 636.9 | 693.6 | 794.3  | 866.9  | 941.0  | 1077.2 | 1104.4 | 1001.5 | 844.9  |
| 45°   | 537.1 | 562.8 | 590.8 | 650.5 | 751.1  | 823.0  | 897.1  | 1018.9 | 990.9  | 845.7  | 696.7  |
| 47.5° | 497.7 | 519.7 | 546.9 | 601.4 | 705.0  | 778.4  | 848.7  | 935.7  | 864.6  | 708.8  | 584.0  |
| 50°   | 458.4 | 475.8 | 502.3 | 558.2 | 658.1  | 724.7  | 789.7  | 846.4  | 746.6  | 608.2  | 482.6  |
| 52.5° | 419.8 | 433.4 | 460.7 | 508.3 | 605.1  | 668.7  | 715.6  | 737.5  | 636.2  | 502.3  | 419.1  |
| 55°   | 379.0 | 394.1 | 412.3 | 460.7 | 556.7  | 603.6  | 634.6  | 633.9  | 529.5  | 425.9  | 346.4  |
| 57.5° | 339.6 | 353.3 | 369.1 | 417.6 | 495.5  | 527.2  | 553.7  | 540.9  | 441.8  | 348.7  | 297.3  |
| 60°   | 304.8 | 312.4 | 329.8 | 370.7 | 429.7  | 456.9  | 472.0  | 450.1  | 360.8  | 294.3  | 245.8  |
| 62.5° | 267.0 | 274.6 | 289.0 | 327.5 | 363.8  | 378.2  | 391.1  | 363.1  | 298.0  | 239.8  | 210.3  |
| 65°   | 232.2 | 242.1 | 251.1 | 282.1 | 301.8  | 319.2  | 317.7  | 294.3  | 233.0  | 195.2  | 171.0  |
| 67.5° | 202.0 | 205.7 | 213.3 | 232.2 | 241.3  | 254.2  | 254.9  | 228.4  | 187.6  | 158.9  | 144.5  |
| 70°   | 169.4 | 173.2 | 178.5 | 187.6 | 193.6  | 196.7  | 195.2  | 171.7  | 141.5  | 124.1  | 111.2  |
| 72.5° | 141.5 | 140.7 | 144.5 | 144.5 | 150.5  | 149.8  | 145.2  | 127.1  | 107.4  | 93.0   | 85.5   |
| 75°   | 111.2 | 112.0 | 112.7 | 111.2 | 108.9  | 105.9  | 102.1  | 88.5   | 75.6   | 68.8   | 62.0   |
| 77.5° | 87.0  | 85.5  | 86.2  | 80.9  | 77.9   | 74.9   | 69.6   | 62.8   | 52.2   | 50.7   | 47.7   |
| 80°   | 62.0  | 61.3  | 60.5  | 58.2  | 51.4   | 48.4   | 44.6   | 40.8   | 38.6   | 37.1   | 36.3   |
| 82.5° | 41.6  | 41.6  | 40.1  | 35.6  | 31.8   | 29.5   | 28.7   | 27.2   | 25.0   | 25.0   | 24.2   |
| 85°   | 25.0  | 24.2  | 22.7  | 18.2  | 15.9   | 15.9   | 15.9   | 15.9   | 14.4   | 14.4   | 13.6   |
| 87.5° | 9.8   | 9.1   | 6.8   | 6.8   | 6.1    | 6.1    | 6.1    | 5.3    | 5.3    | 4.5    | 4.5    |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  |
| 2.5°  | 932.7  | 932.7  | 939.5  | 946.3  | 942.5  | 944.8  | 953.1  | 950.1  | 956.1  | 955.4  | 957.6  |
| 5°    | 1003.0 | 1011.4 | 1018.2 | 1032.5 | 1034.8 | 1032.5 | 1046.9 | 1050.7 | 1057.5 | 1049.2 | 1053.0 |
| 7.5°  | 1082.5 | 1099.9 | 1116.5 | 1137.7 | 1144.5 | 1146.0 | 1153.6 | 1164.2 | 1173.2 | 1156.6 | 1164.9 |
| 10°   | 1159.6 | 1186.1 | 1220.1 | 1239.0 | 1255.7 | 1261.7 | 1267.8 | 1274.6 | 1285.2 | 1295.0 | 1287.5 |
| 12.5° | 1242.8 | 1281.4 | 1313.9 | 1348.0 | 1368.4 | 1366.1 | 1383.5 | 1388.1 | 1396.4 | 1398.6 | 1401.7 |
| 15°   | 1310.9 | 1365.4 | 1385.8 | 1436.5 | 1441.0 | 1456.1 | 1475.8 | 1493.2 | 1495.5 | 1490.9 | 1490.9 |
| 17.5° | 1376.0 | 1422.9 | 1459.2 | 1500.0 | 1508.3 | 1521.2 | 1546.2 | 1554.5 | 1557.5 | 1556.7 | 1556.7 |
| 20°   | 1428.9 | 1459.9 | 1521.2 | 1555.2 | 1568.8 | 1585.5 | 1602.9 | 1613.5 | 1615.7 | 1618.8 | 1614.2 |
| 22.5° | 1463.7 | 1510.6 | 1560.5 | 1588.5 | 1599.9 | 1605.9 | 1617.3 | 1620.3 | 1616.5 | 1617.3 | 1618.0 |
| 25°   | 1490.9 | 1537.1 | 1567.3 | 1574.9 | 1574.1 | 1566.6 | 1558.3 | 1543.9 | 1542.4 | 1536.3 | 1524.2 |
| 27.5° | 1498.5 | 1515.9 | 1512.1 | 1481.1 | 1450.1 | 1447.1 | 1397.1 | 1369.9 | 1338.9 | 1343.4 | 1326.0 |
| 30°   | 1457.6 | 1435.0 | 1381.2 | 1302.6 | 1270.1 | 1217.1 | 1161.1 | 1102.9 | 1080.2 | 1055.2 | 1101.4 |
| 32.5° | 1357.8 | 1276.9 | 1181.5 | 1079.4 | 1025.0 | 978.1  | 918.3  | 876.0  | 851.7  | 831.3  | 870.7  |
| 35°   | 1207.3 | 1080.9 | 954.6  | 857.8  | 813.2  | 770.8  | 714.8  | 693.6  | 663.4  | 666.4  | 670.2  |
| 37.5° | 1013.6 | 874.4  | 779.1  | 683.8  | 654.3  | 636.9  | 596.1  | 563.5  | 553.0  | 549.9  | 549.9  |
| 40°   | 832.1  | 717.9  | 633.1  | 558.2  | 535.6  | 521.2  | 488.7  | 473.5  | 462.2  | 459.2  | 462.9  |
| 42.5° | 688.4  | 590.8  | 525.0  | 475.0  | 459.2  | 441.0  | 427.4  | 408.5  | 406.2  | 400.9  | 407.7  |
| 45°   | 577.9  | 493.2  | 444.0  | 407.7  | 394.1  | 387.3  | 372.2  | 360.8  | 356.3  | 355.5  | 360.8  |
| 47.5° | 490.2  | 424.4  | 381.2  | 358.5  | 348.0  | 341.2  | 328.3  | 323.8  | 319.2  | 320.7  | 318.5  |
| 50°   | 411.5  | 362.3  | 334.3  | 313.9  | 307.1  | 300.3  | 292.0  | 287.4  | 285.2  | 285.2  | 284.4  |
| 52.5° | 353.3  | 312.4  | 294.3  | 275.3  | 272.3  | 268.5  | 259.5  | 256.4  | 252.6  | 251.9  | 254.9  |
| 55°   | 302.6  | 274.6  | 256.4  | 245.1  | 242.1  | 234.5  | 230.7  | 226.9  | 224.7  | 223.1  | 223.9  |
| 57.5° | 258.7  | 237.5  | 225.4  | 215.6  | 210.3  | 207.3  | 200.5  | 199.7  | 198.2  | 198.2  | 197.4  |
| 60°   | 222.4  | 207.3  | 192.9  | 186.8  | 183.1  | 179.3  | 178.5  | 174.0  | 171.7  | 173.2  | 172.5  |
| 62.5° | 188.4  | 176.2  | 167.9  | 161.1  | 158.9  | 155.8  | 153.6  | 152.0  | 149.8  | 150.5  | 150.5  |
| 65°   | 157.3  | 147.5  | 141.5  | 135.4  | 134.6  | 131.6  | 130.9  | 129.4  | 129.4  | 128.6  | 130.1  |
| 67.5° | 129.4  | 122.5  | 117.2  | 113.5  | 111.2  | 112.0  | 108.9  | 106.7  | 106.7  | 105.9  | 108.2  |
| 70°   | 102.9  | 99.1   | 93.8   | 89.3   | 86.2   | 86.2   | 82.5   | 81.7   | 81.7   | 81.7   | 80.9   |
| 72.5° | 79.4   | 72.6   | 70.3   | 68.8   | 68.8   | 68.8   | 67.3   | 67.3   | 66.6   | 67.3   | 66.6   |
| 75°   | 59.0   | 58.2   | 56.7   | 56.0   | 56.0   | 55.2   | 54.5   | 54.5   | 54.5   | 54.5   | 54.5   |
| 77.5° | 46.1   | 46.1   | 44.6   | 43.9   | 43.9   | 43.9   | 43.1   | 43.1   | 42.4   | 42.4   | 42.4   |
| 80°   | 34.0   | 34.0   | 32.5   | 32.5   | 32.5   | 31.8   | 31.8   | 31.8   | 32.5   | 31.8   | 31.8   |
| 82.5° | 23.4   | 23.4   | 22.7   | 23.4   | 22.7   | 21.9   | 21.9   | 21.9   | 21.2   | 21.9   | 21.9   |
| 85°   | 13.6   | 13.6   | 12.9   | 12.1   | 12.9   | 12.9   | 12.1   | 12.9   | 12.1   | 12.9   | 12.1   |
| 87.5° | 5.3    | 4.5    | 4.5    | 4.5    | 3.8    | 4.5    | 3.8    | 3.8    | 4.5    | 3.8    | 4.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  | 883.5  |
| 2.5°  | 953.9  | 949.3  | 946.3  | 944.0  | 941.8  | 948.6  | 939.5  | 929.7  | 922.8  | 918.3  | 916.8  |
| 5°    | 1053.7 | 1043.9 | 1035.6 | 1028.7 | 1030.3 | 1030.3 | 1014.4 | 997.0  | 981.9  | 973.5  | 964.5  |
| 7.5°  | 1169.4 | 1158.9 | 1142.2 | 1138.4 | 1135.4 | 1116.5 | 1100.6 | 1068.8 | 1049.9 | 1031.0 | 1014.4 |
| 10°   | 1284.4 | 1270.8 | 1254.9 | 1249.6 | 1242.1 | 1218.6 | 1194.4 | 1153.6 | 1130.1 | 1095.3 | 1073.4 |
| 12.5° | 1391.8 | 1375.2 | 1359.3 | 1355.5 | 1344.2 | 1323.8 | 1282.2 | 1239.8 | 1199.7 | 1162.6 | 1124.1 |
| 15°   | 1481.9 | 1477.3 | 1453.1 | 1438.0 | 1413.0 | 1385.0 | 1376.0 | 1318.5 | 1267.8 | 1229.2 | 1159.6 |
| 17.5° | 1557.5 | 1536.3 | 1513.6 | 1503.8 | 1494.0 | 1461.4 | 1428.9 | 1369.9 | 1315.4 | 1258.7 | 1214.1 |
| 20°   | 1618.0 | 1594.6 | 1578.7 | 1564.3 | 1559.8 | 1522.7 | 1471.3 | 1419.1 | 1359.3 | 1295.8 | 1237.5 |
| 22.5° | 1621.0 | 1618.0 | 1607.4 | 1599.1 | 1590.0 | 1565.8 | 1525.0 | 1459.9 | 1396.4 | 1326.8 | 1250.4 |
| 25°   | 1558.3 | 1553.7 | 1584.0 | 1576.4 | 1582.5 | 1573.4 | 1551.4 | 1497.0 | 1422.9 | 1341.2 | 1264.0 |
| 27.5° | 1369.1 | 1415.3 | 1462.9 | 1479.6 | 1490.9 | 1523.5 | 1534.0 | 1503.8 | 1444.0 | 1357.0 | 1270.8 |
| 30°   | 1112.0 | 1173.2 | 1250.4 | 1292.0 | 1323.8 | 1384.3 | 1462.9 | 1472.8 | 1444.8 | 1375.2 | 1269.3 |
| 32.5° | 872.9  | 928.9  | 990.9  | 1040.1 | 1082.5 | 1206.5 | 1312.4 | 1388.8 | 1402.4 | 1366.1 | 1273.1 |
| 35°   | 703.5  | 727.7  | 786.7  | 833.6  | 891.1  | 997.0  | 1121.8 | 1245.1 | 1328.3 | 1332.8 | 1261.7 |
| 37.5° | 580.2  | 593.0  | 644.5  | 671.0  | 705.0  | 798.0  | 914.5  | 1075.6 | 1205.0 | 1266.3 | 1230.0 |
| 40°   | 480.3  | 509.8  | 539.3  | 554.5  | 578.7  | 643.0  | 754.9  | 881.2  | 1041.6 | 1155.1 | 1180.8 |
| 42.5° | 416.8  | 429.7  | 448.6  | 469.7  | 484.9  | 540.9  | 615.7  | 731.5  | 876.0  | 1034.0 | 1105.1 |
| 45°   | 367.6  | 372.2  | 391.8  | 405.4  | 421.3  | 460.7  | 513.6  | 610.4  | 737.5  | 893.3  | 1014.4 |
| 47.5° | 326.8  | 335.9  | 346.4  | 354.8  | 365.4  | 395.6  | 441.0  | 511.3  | 623.3  | 762.5  | 892.6  |
| 50°   | 290.5  | 295.8  | 309.4  | 313.2  | 320.7  | 341.9  | 376.7  | 430.4  | 522.7  | 633.9  | 768.5  |
| 52.5° | 256.4  | 266.3  | 271.6  | 276.9  | 283.7  | 301.1  | 323.8  | 367.6  | 437.2  | 541.6  | 655.8  |
| 55°   | 230.0  | 233.0  | 240.5  | 245.1  | 250.4  | 262.5  | 282.1  | 314.7  | 369.1  | 452.3  | 560.5  |
| 57.5° | 204.2  | 204.2  | 211.8  | 215.6  | 220.9  | 230.0  | 247.4  | 272.3  | 311.7  | 373.7  | 472.8  |
| 60°   | 177.0  | 177.8  | 183.8  | 188.4  | 189.9  | 198.9  | 213.3  | 233.0  | 263.2  | 308.6  | 389.6  |
| 62.5° | 152.8  | 156.6  | 159.6  | 161.1  | 166.4  | 171.7  | 183.8  | 197.4  | 218.6  | 258.7  | 316.2  |
| 65°   | 132.4  | 133.1  | 135.4  | 136.9  | 139.2  | 145.2  | 154.3  | 163.4  | 181.5  | 211.0  | 257.9  |
| 67.5° | 108.9  | 112.0  | 115.0  | 115.0  | 117.2  | 120.3  | 129.4  | 136.9  | 150.5  | 167.9  | 199.7  |
| 70°   | 81.7   | 83.2   | 87.7   | 90.0   | 93.0   | 98.3   | 102.9  | 107.4  | 118.0  | 130.9  | 155.1  |
| 72.5° | 68.1   | 68.1   | 69.6   | 70.3   | 70.3   | 74.1   | 80.9   | 85.5   | 90.8   | 99.8   | 116.5  |
| 75°   | 54.5   | 54.5   | 56.7   | 56.0   | 57.5   | 59.0   | 59.8   | 62.8   | 65.8   | 72.6   | 82.5   |
| 77.5° | 43.1   | 43.9   | 43.9   | 44.6   | 44.6   | 45.4   | 46.1   | 47.7   | 49.2   | 53.0   | 57.5   |
| 80°   | 31.8   | 32.5   | 32.5   | 33.3   | 33.3   | 34.0   | 34.8   | 35.6   | 37.1   | 38.6   | 40.8   |
| 82.5° | 21.9   | 22.7   | 22.7   | 23.4   | 22.7   | 23.4   | 24.2   | 24.2   | 25.0   | 26.5   | 27.2   |
| 85°   | 12.9   | 12.9   | 13.6   | 12.9   | 12.9   | 12.9   | 13.6   | 13.6   | 14.4   | 16.6   | 16.6   |
| 87.5° | 3.8    | 4.5    | 3.8    | 4.5    | 4.5    | 4.5    | 4.5    | 5.3    | 5.3    | 6.1    | 6.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 883.5  | 883.5  | 883.5  | 883.5  | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 |
| 2.5°  | 914.5  | 910.7  | 907.0  | 907.0  | 898.6 | 891.1 | 887.3 | 888.8 | 884.3 | 878.2 | 872.2 |
| 5°    | 954.6  | 939.5  | 936.5  | 928.1  | 916.8 | 900.9 | 892.6 | 885.0 | 876.0 | 863.8 | 852.5 |
| 7.5°  | 991.7  | 972.0  | 961.4  | 953.1  | 931.2 | 909.2 | 891.1 | 879.0 | 863.1 | 844.9 | 831.3 |
| 10°   | 1040.1 | 1003.8 | 992.4  | 973.5  | 942.5 | 911.5 | 890.3 | 870.7 | 848.7 | 827.5 | 809.4 |
| 12.5° | 1078.7 | 1037.1 | 1015.9 | 997.0  | 956.9 | 917.6 | 882.0 | 857.8 | 831.3 | 807.9 | 784.4 |
| 15°   | 1122.5 | 1075.6 | 1038.6 | 1015.9 | 965.2 | 917.6 | 877.5 | 843.4 | 813.9 | 785.2 | 764.8 |
| 17.5° | 1143.7 | 1084.7 | 1068.1 | 1035.6 | 962.2 | 914.5 | 865.4 | 829.1 | 793.5 | 760.2 | 736.0 |
| 20°   | 1177.0 | 1108.2 | 1066.6 | 1044.6 | 979.6 | 909.2 | 851.7 | 810.1 | 773.1 | 737.5 | 711.8 |
| 22.5° | 1179.3 | 1104.4 | 1077.2 | 1035.6 | 955.4 | 893.3 | 839.6 | 789.0 | 745.8 | 712.6 | 686.1 |
| 25°   | 1174.0 | 1097.6 | 1059.8 | 1026.5 | 959.9 | 884.3 | 815.4 | 765.5 | 723.2 | 684.6 | 653.6 |
| 27.5° | 1171.7 | 1077.9 | 1042.4 | 1009.1 | 934.2 | 857.8 | 801.1 | 744.3 | 695.9 | 661.9 | 630.1 |
| 30°   | 1168.7 | 1056.7 | 1013.6 | 975.0  | 906.2 | 837.4 | 769.3 | 720.1 | 674.0 | 630.9 | 599.1 |
| 32.5° | 1149.0 | 1028.0 | 984.1  | 943.3  | 869.1 | 800.3 | 746.6 | 694.4 | 644.5 | 604.4 | 575.6 |
| 35°   | 1143.0 | 1001.5 | 944.0  | 900.2  | 827.5 | 766.3 | 709.5 | 666.4 | 619.5 | 579.4 | 545.4 |
| 37.5° | 1125.6 | 974.3  | 912.3  | 856.3  | 780.6 | 722.4 | 680.8 | 637.7 | 592.3 | 549.2 | 521.9 |
| 40°   | 1095.3 | 942.5  | 872.2  | 814.7  | 736.8 | 677.8 | 639.2 | 607.4 | 562.8 | 524.2 | 490.9 |
| 42.5° | 1050.7 | 910.0  | 834.3  | 773.8  | 687.6 | 632.4 | 600.6 | 570.4 | 532.5 | 492.4 | 465.2 |
| 45°   | 999.2  | 866.9  | 796.5  | 729.2  | 641.5 | 587.7 | 554.5 | 536.3 | 501.5 | 467.5 | 435.7 |
| 47.5° | 928.9  | 822.2  | 752.7  | 683.1  | 593.8 | 541.6 | 515.1 | 497.0 | 472.8 | 435.7 | 410.0 |
| 50°   | 840.4  | 764.8  | 698.9  | 636.9  | 546.9 | 497.0 | 470.5 | 456.9 | 436.5 | 410.0 | 385.0 |
| 52.5° | 742.1  | 698.2  | 643.7  | 586.2  | 499.2 | 452.3 | 428.1 | 417.6 | 402.4 | 377.5 | 356.3 |
| 55°   | 643.0  | 624.1  | 587.0  | 530.3  | 449.3 | 410.7 | 389.6 | 375.9 | 364.6 | 346.4 | 328.3 |
| 57.5° | 554.5  | 545.4  | 519.7  | 475.8  | 407.7 | 367.6 | 349.5 | 340.4 | 331.3 | 317.7 | 299.5 |
| 60°   | 462.9  | 472.8  | 446.3  | 424.4  | 362.3 | 327.5 | 311.7 | 301.8 | 297.3 | 285.2 | 273.8 |
| 62.5° | 383.5  | 392.6  | 377.5  | 360.8  | 316.9 | 285.9 | 276.1 | 267.0 | 264.0 | 253.4 | 242.1 |
| 65°   | 311.7  | 323.0  | 311.7  | 302.6  | 276.1 | 250.4 | 238.3 | 233.7 | 230.7 | 223.9 | 214.8 |
| 67.5° | 248.1  | 259.5  | 254.2  | 242.8  | 234.5 | 213.3 | 206.5 | 202.0 | 200.5 | 195.2 | 187.6 |
| 70°   | 186.8  | 202.7  | 204.2  | 197.4  | 189.9 | 180.0 | 175.5 | 174.0 | 170.2 | 165.7 | 161.1 |
| 72.5° | 134.6  | 152.8  | 153.6  | 153.6  | 149.0 | 149.0 | 144.5 | 142.2 | 142.2 | 137.7 | 132.4 |
| 75°   | 99.1   | 111.2  | 112.7  | 114.2  | 116.5 | 118.8 | 115.7 | 115.7 | 115.0 | 110.4 | 108.2 |
| 77.5° | 65.8   | 76.4   | 80.2   | 85.5   | 88.5  | 88.5  | 90.0  | 91.5  | 90.0  | 87.7  | 86.2  |
| 80°   | 42.4   | 49.9   | 54.5   | 57.5   | 62.0  | 64.3  | 66.6  | 67.3  | 65.8  | 65.1  | 62.8  |
| 82.5° | 28.0   | 30.3   | 32.5   | 36.3   | 41.6  | 45.4  | 45.4  | 44.6  | 46.1  | 45.4  | 44.6  |
| 85°   | 15.9   | 17.4   | 18.2   | 18.9   | 21.9  | 25.7  | 26.5  | 27.2  | 28.7  | 27.2  | 25.7  |
| 87.5° | 6.1    | 6.8    | 6.8    | 6.8    | 8.3   | 9.1   | 11.3  | 14.4  | 13.6  | 12.1  | 12.1  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 883.5 | 883.5  | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 |
| 2.5°  | 872.2 | 868.4  | 866.9 | 863.1 | 854.0 | 848.0 | 841.2 | 836.6 | 837.4 | 833.6 | 835.9 |
| 5°    | 844.9 | 844.2  | 838.9 | 831.3 | 818.5 | 811.7 | 799.6 | 793.5 | 790.5 | 791.2 | 786.7 |
| 7.5°  | 822.2 | 815.4  | 811.7 | 799.6 | 787.4 | 773.1 | 763.2 | 757.9 | 753.4 | 748.9 | 745.8 |
| 10°   | 796.5 | 790.5  | 784.4 | 771.6 | 754.9 | 741.3 | 727.7 | 722.4 | 715.6 | 712.6 | 710.3 |
| 12.5° | 769.3 | 765.5  | 757.9 | 742.8 | 723.9 | 711.0 | 695.2 | 692.1 | 683.1 | 677.0 | 675.5 |
| 15°   | 744.3 | 742.1  | 728.4 | 711.0 | 692.1 | 679.3 | 665.7 | 656.6 | 641.5 | 644.5 | 639.2 |
| 17.5° | 717.9 | 708.0  | 699.7 | 676.3 | 667.2 | 647.5 | 631.6 | 627.1 | 616.5 | 609.7 | 602.9 |
| 20°   | 688.4 | 682.3  | 671.7 | 656.6 | 634.6 | 612.0 | 599.9 | 592.3 | 586.2 | 575.6 | 572.6 |
| 22.5° | 660.4 | 652.8  | 643.7 | 624.1 | 605.1 | 586.2 | 569.6 | 562.8 | 555.2 | 547.7 | 543.1 |
| 25°   | 638.4 | 627.1  | 617.2 | 593.0 | 574.1 | 558.2 | 547.7 | 536.3 | 525.7 | 521.2 | 519.7 |
| 27.5° | 604.4 | 597.6  | 587.7 | 565.1 | 547.7 | 530.3 | 520.4 | 512.9 | 501.5 | 496.2 | 491.7 |
| 30°   | 582.5 | 568.8  | 557.5 | 539.3 | 521.9 | 503.0 | 494.0 | 484.9 | 478.1 | 471.3 | 466.0 |
| 32.5° | 553.0 | 542.4  | 533.3 | 515.1 | 497.7 | 480.3 | 470.5 | 456.9 | 453.1 | 447.8 | 441.8 |
| 35°   | 524.2 | 517.4  | 507.6 | 487.9 | 469.0 | 456.9 | 446.3 | 433.4 | 428.9 | 425.1 | 419.8 |
| 37.5° | 497.0 | 487.1  | 480.3 | 461.4 | 444.8 | 430.4 | 422.1 | 411.5 | 408.5 | 403.9 | 400.2 |
| 40°   | 473.5 | 463.7  | 456.9 | 438.0 | 420.6 | 405.4 | 400.2 | 389.6 | 385.0 | 379.7 | 377.5 |
| 42.5° | 447.1 | 438.7  | 429.7 | 416.0 | 397.9 | 382.8 | 372.2 | 366.1 | 360.1 | 357.8 | 353.3 |
| 45°   | 419.1 | 411.5  | 404.7 | 389.6 | 370.7 | 360.1 | 351.0 | 342.7 | 338.1 | 334.3 | 331.3 |
| 47.5° | 394.9 | 388.1  | 379.0 | 362.3 | 347.2 | 337.4 | 328.3 | 320.0 | 315.4 | 310.9 | 307.1 |
| 50°   | 366.9 | 363.1  | 353.3 | 337.4 | 323.0 | 311.7 | 303.3 | 295.8 | 292.7 | 287.4 | 281.4 |
| 52.5° | 341.9 | 335.1  | 326.8 | 313.9 | 301.1 | 287.4 | 276.1 | 271.6 | 266.3 | 263.2 | 257.9 |
| 55°   | 312.4 | 307.9  | 298.8 | 287.4 | 273.8 | 262.5 | 254.2 | 248.1 | 241.3 | 238.3 | 231.5 |
| 57.5° | 287.4 | 279.1  | 274.6 | 260.2 | 247.4 | 236.0 | 230.0 | 223.9 | 216.3 | 211.8 | 208.8 |
| 60°   | 260.2 | 252.6  | 245.8 | 233.7 | 224.7 | 212.6 | 203.5 | 198.2 | 192.9 | 186.8 | 183.8 |
| 62.5° | 233.7 | 227.7  | 219.4 | 209.5 | 198.2 | 188.4 | 181.5 | 174.0 | 171.0 | 164.9 | 162.6 |
| 65°   | 205.0 | 200.5  | 193.6 | 182.3 | 173.2 | 164.9 | 158.1 | 152.0 | 149.0 | 146.7 | 145.2 |
| 67.5° | 179.3 | 173.2  | 168.7 | 158.9 | 149.0 | 142.2 | 138.4 | 134.6 | 130.9 | 128.6 | 126.3 |
| 70°   | 152.8 | 148.3  | 143.7 | 134.6 | 127.8 | 121.8 | 118.8 | 115.7 | 113.5 | 111.2 | 108.9 |
| 72.5° | 125.6 | 123.3  | 118.8 | 112.7 | 107.4 | 102.9 | 100.6 | 96.8  | 94.6  | 90.8  | 89.3  |
| 75°   | 103.6 | 99.8   | 97.6  | 92.3  | 87.7  | 84.0  | 80.9  | 76.4  | 73.4  | 71.9  | 71.1  |
| 77.5° | 81.7  | 80.2   | 77.2  | 72.6  | 70.3  | 66.6  | 62.0  | 60.5  | 59.0  | 59.0  | 58.2  |
| 80°   | 61.3  | 59.0   | 56.7  | 53.0  | 50.7  | 47.7  | 47.7  | 47.7  | 46.9  | 47.7  | 46.9  |
| 82.5° | 41.6  | 40.1   | 38.6  | 36.3  | 35.6  | 35.6  | 36.3  | 36.3  | 36.3  | 36.3  | 36.3  |
| 85°   | 24.2  | 24.2   | 24.2  | 25.0  | 24.2  | 24.2  | 25.0  | 25.7  | 25.0  | 25.0  | 24.2  |
| 87.5° | 11.3  | 11.3   | 12.1  | 12.1  | 12.9  | 12.9  | 12.9  | 12.9  | 12.9  | 12.9  | 13.6  |
| 90°   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 883.5  | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5  |
| 2.5°  | 835.1  | 835.9 | 833.6 | 829.1 | 828.3 | 829.8 | 834.3 | 832.8 | 829.1 | 835.9 | 829.8  |
| 5°    | 789.0  | 785.2 | 783.7 | 785.2 | 780.6 | 778.4 | 782.9 | 780.6 | 782.9 | 783.7 | 785.9  |
| 7.5°  | 744.3  | 745.1 | 740.5 | 741.3 | 735.3 | 736.8 | 736.8 | 736.8 | 739.0 | 740.5 | 743.6  |
| 10°   | 705.8  | 707.3 | 702.0 | 702.7 | 698.2 | 695.2 | 697.4 | 702.0 | 702.0 | 702.0 | 703.5  |
| 12.5° | 674.7  | 667.9 | 664.1 | 663.4 | 658.1 | 656.6 | 661.1 | 662.6 | 666.4 | 666.4 | 668.7  |
| 15°   | 636.2  | 634.6 | 631.6 | 631.6 | 618.8 | 621.8 | 623.3 | 628.6 | 636.2 | 630.1 | 631.6  |
| 17.5° | 601.4  | 597.6 | 593.8 | 592.3 | 590.8 | 586.2 | 592.3 | 591.5 | 596.1 | 596.8 | 599.1  |
| 20°   | 570.4  | 567.3 | 559.8 | 560.5 | 562.0 | 555.2 | 559.0 | 559.0 | 563.5 | 568.1 | 573.4  |
| 22.5° | 540.1  | 537.1 | 533.3 | 534.8 | 530.3 | 528.7 | 528.7 | 532.5 | 537.8 | 541.6 | 540.9  |
| 25°   | 516.6  | 511.3 | 509.1 | 506.8 | 504.5 | 506.1 | 503.8 | 507.6 | 511.3 | 513.6 | 511.3  |
| 27.5° | 490.2  | 487.9 | 483.4 | 481.1 | 477.3 | 478.8 | 480.3 | 483.4 | 485.6 | 485.6 | 487.9  |
| 30°   | 464.5  | 461.4 | 459.9 | 457.6 | 457.6 | 454.6 | 455.4 | 458.4 | 460.7 | 462.9 | 466.0  |
| 32.5° | 439.5  | 437.2 | 434.9 | 434.9 | 433.4 | 432.7 | 431.9 | 436.5 | 436.5 | 441.0 | 441.0  |
| 35°   | 419.1  | 415.3 | 415.3 | 411.5 | 413.0 | 412.3 | 410.7 | 413.8 | 414.5 | 417.6 | 416.8  |
| 37.5° | 396.4  | 396.4 | 394.9 | 391.1 | 388.1 | 388.8 | 392.6 | 392.6 | 394.9 | 394.1 | 396.4  |
| 40°   | 373.7  | 372.2 | 372.2 | 369.9 | 369.1 | 368.4 | 369.1 | 369.9 | 373.7 | 372.9 | 373.7  |
| 42.5° | 351.0  | 351.7 | 348.0 | 348.0 | 348.0 | 345.7 | 346.4 | 347.2 | 348.7 | 350.2 | 352.5  |
| 45°   | 329.0  | 327.5 | 326.8 | 325.3 | 323.8 | 324.5 | 323.8 | 326.8 | 326.0 | 327.5 | 329.8  |
| 47.5° | 305.6  | 303.3 | 302.6 | 299.5 | 299.5 | 301.1 | 300.3 | 302.6 | 303.3 | 305.6 | 304.1  |
| 50°   | 282.9  | 279.9 | 277.6 | 278.4 | 273.8 | 275.3 | 275.3 | 277.6 | 279.9 | 280.6 | 282.1  |
| 52.5° | 256.4  | 255.7 | 254.9 | 251.1 | 250.4 | 249.6 | 250.4 | 251.1 | 254.2 | 256.4 | 257.2  |
| 55°   | 230.7  | 230.0 | 225.4 | 223.9 | 221.6 | 221.6 | 223.1 | 223.9 | 229.2 | 230.0 | 233.0  |
| 57.5° | 207.3  | 205.0 | 199.7 | 198.9 | 198.9 | 198.9 | 196.7 | 199.7 | 201.2 | 205.0 | 205.0  |
| 60°   | 181.5  | 181.5 | 177.0 | 177.0 | 177.8 | 177.0 | 177.0 | 177.8 | 177.8 | 180.8 | 182.3  |
| 62.5° | 161.1  | 160.4 | 160.4 | 158.9 | 158.1 | 158.9 | 158.1 | 158.1 | 158.9 | 161.1 | 163.4  |
| 65°   | 143.0  | 142.2 | 141.5 | 140.7 | 139.2 | 139.2 | 139.9 | 141.5 | 141.5 | 143.0 | 143.7  |
| 67.5° | 125.6  | 125.6 | 124.1 | 124.1 | 123.3 | 122.5 | 123.3 | 122.5 | 125.6 | 125.6 | 126.3  |
| 70°   | 108.2  | 107.4 | 105.1 | 104.4 | 102.1 | 102.9 | 102.9 | 105.1 | 105.9 | 107.4 | 108.9  |
| 72.5° | 87.0   | 87.0  | 85.5  | 84.0  | 84.7  | 83.2  | 83.2  | 84.0  | 84.0  | 86.2  | 87.0   |
| 75°   | 71.9   | 70.3  | 69.6  | 70.3  | 69.6  | 71.1  | 69.6  | 69.6  | 71.1  | 71.1  | 71.1   |
| 77.5° | 59.0   | 59.0  | 58.2  | 58.2  | 59.0  | 58.2  | 59.0  | 59.0  | 59.0  | 58.2  | 59.0   |
| 80°   | 48.4   | 47.7  | 47.7  | 47.7  | 46.9  | 46.9  | 46.9  | 46.9  | 46.9  | 46.9  | 46.9   |
| 82.5° | 36.3   | 36.3  | 35.6  | 36.3  | 36.3  | 35.6  | 36.3  | 35.6  | 35.6  | 36.3  | 36.3   |
| 85°   | 24.2   | 25.7  | 24.2  | 24.2  | 25.0  | 25.0  | 25.7  | 25.0  | 25.7  | 24.2  | 25.0   |
| 87.5° | 12.9   | 13.6  | 13.6  | 12.9  | 12.9  | 13.6  | 13.6  | 13.6  | 14.4  | 12.9  | 13.6   |
| 90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5 | 883.5  | 883.5 |
| 2.5°  | 835.9 | 838.9 | 835.9 | 829.8 | 835.9 | 839.6 | 843.4 | 849.5 | 852.5 | 852.5  | 857.0 |
| 5°    | 788.2 | 794.3 | 792.0 | 790.5 | 796.5 | 800.3 | 806.4 | 813.9 | 822.2 | 827.5  | 833.6 |
| 7.5°  | 745.8 | 749.6 | 753.4 | 753.4 | 759.5 | 767.8 | 776.9 | 785.9 | 796.5 | 804.1  | 808.6 |
| 10°   | 708.8 | 711.8 | 714.1 | 717.1 | 726.2 | 735.3 | 747.4 | 758.7 | 767.8 | 776.1  | 783.7 |
| 12.5° | 673.2 | 677.8 | 683.1 | 685.3 | 692.1 | 703.5 | 714.8 | 728.4 | 742.8 | 751.1  | 758.7 |
| 15°   | 639.2 | 641.5 | 647.5 | 654.3 | 660.4 | 672.5 | 686.8 | 701.2 | 713.3 | 726.2  | 733.0 |
| 17.5° | 604.4 | 605.1 | 621.0 | 617.2 | 636.9 | 648.3 | 655.8 | 669.4 | 689.1 | 699.7  | 710.3 |
| 20°   | 570.4 | 577.9 | 584.7 | 588.5 | 599.1 | 612.0 | 633.9 | 644.5 | 660.4 | 670.2  | 679.3 |
| 22.5° | 543.9 | 555.2 | 555.2 | 564.3 | 569.6 | 581.7 | 597.6 | 618.0 | 635.4 | 642.2  | 655.1 |
| 25°   | 520.4 | 525.7 | 534.8 | 537.8 | 547.7 | 558.2 | 568.8 | 590.8 | 609.7 | 618.8  | 627.8 |
| 27.5° | 490.2 | 497.0 | 509.1 | 509.1 | 521.9 | 533.3 | 546.1 | 560.5 | 579.4 | 592.3  | 602.1 |
| 30°   | 466.7 | 473.5 | 478.8 | 487.1 | 492.4 | 503.0 | 525.7 | 536.3 | 553.0 | 564.3  | 576.4 |
| 32.5° | 444.8 | 450.1 | 454.6 | 463.7 | 469.7 | 481.8 | 494.0 | 512.9 | 527.2 | 537.8  | 550.7 |
| 35°   | 420.6 | 425.9 | 431.9 | 438.7 | 447.8 | 459.2 | 470.5 | 486.4 | 500.8 | 510.6  | 521.2 |
| 37.5° | 397.9 | 401.7 | 410.7 | 415.3 | 422.8 | 433.4 | 447.8 | 464.5 | 477.3 | 484.9  | 495.5 |
| 40°   | 375.9 | 379.0 | 385.8 | 394.1 | 399.4 | 407.7 | 422.8 | 437.2 | 453.1 | 462.2  | 470.5 |
| 42.5° | 352.5 | 356.3 | 362.3 | 370.7 | 379.0 | 388.1 | 396.4 | 413.0 | 427.4 | 434.9  | 444.0 |
| 45°   | 332.1 | 334.3 | 338.9 | 347.2 | 355.5 | 362.3 | 375.2 | 390.3 | 403.9 | 410.0  | 419.8 |
| 47.5° | 307.9 | 310.1 | 316.9 | 320.7 | 329.8 | 338.9 | 351.7 | 366.9 | 379.0 | 385.0  | 394.1 |
| 50°   | 282.9 | 285.2 | 289.7 | 298.0 | 304.1 | 313.9 | 325.3 | 338.1 | 353.3 | 361.6  | 366.9 |
| 52.5° | 258.7 | 263.2 | 267.0 | 273.8 | 281.4 | 291.2 | 301.8 | 313.9 | 326.8 | 335.1  | 341.2 |
| 55°   | 234.5 | 238.3 | 242.8 | 246.6 | 255.7 | 264.8 | 276.9 | 288.2 | 299.5 | 307.1  | 313.9 |
| 57.5° | 207.3 | 212.6 | 217.1 | 224.7 | 231.5 | 239.0 | 252.6 | 261.7 | 275.3 | 280.6  | 286.7 |
| 60°   | 183.8 | 189.1 | 192.9 | 198.9 | 205.0 | 214.8 | 223.9 | 235.3 | 246.6 | 253.4  | 261.0 |
| 62.5° | 164.1 | 166.4 | 168.7 | 174.7 | 180.8 | 189.9 | 198.9 | 210.3 | 222.4 | 226.2  | 232.2 |
| 65°   | 144.5 | 146.7 | 150.5 | 155.8 | 160.4 | 165.7 | 175.5 | 184.6 | 195.9 | 202.0  | 204.2 |
| 67.5° | 127.8 | 130.1 | 130.9 | 134.6 | 138.4 | 144.5 | 149.8 | 158.9 | 169.4 | 173.2  | 177.8 |
| 70°   | 108.9 | 112.7 | 113.5 | 116.5 | 118.0 | 121.8 | 127.8 | 134.6 | 143.0 | 149.8  | 153.6 |
| 72.5° | 87.0  | 92.3  | 93.8  | 98.3  | 100.6 | 104.4 | 108.9 | 114.2 | 119.5 | 122.5  | 125.6 |
| 75°   | 71.1  | 72.6  | 73.4  | 77.2  | 80.9  | 86.2  | 88.5  | 91.5  | 96.1  | 99.8   | 102.9 |
| 77.5° | 59.0  | 59.8  | 60.5  | 60.5  | 61.3  | 64.3  | 68.8  | 72.6  | 75.6  | 77.2   | 79.4  |
| 80°   | 47.7  | 46.9  | 46.9  | 47.7  | 47.7  | 47.7  | 49.2  | 54.5  | 56.0  | 59.8   | 59.0  |
| 82.5° | 37.1  | 35.6  | 36.3  | 35.6  | 35.6  | 35.6  | 35.6  | 36.3  | 36.3  | 38.6   | 40.1  |
| 85°   | 24.2  | 25.0  | 24.2  | 24.2  | 23.4  | 24.2  | 23.4  | 23.4  | 22.7  | 22.7   | 21.9  |
| 87.5° | 12.9  | 13.6  | 12.9  | 12.9  | 12.1  | 12.9  | 12.1  | 12.1  | 11.3  | 11.3   | 9.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |

TEST NUMBER: P995079

CATALOG NUMBER: S123RDW-B560DB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 883.5 | 883.5 | 883.5 | 883.5 |
| 2.5°  | 860.8 | 866.1 | 876.7 | 885.8 |
| 5°    | 842.7 | 851.0 | 866.9 | 882.8 |
| 7.5°  | 820.7 | 833.6 | 854.0 | 876.0 |
| 10°   | 799.6 | 816.2 | 841.2 | 866.9 |
| 12.5° | 778.4 | 795.8 | 822.2 | 855.5 |
| 15°   | 753.4 | 771.6 | 803.3 | 843.4 |
| 17.5° | 731.5 | 755.7 | 784.4 | 824.5 |
| 20°   | 708.0 | 726.2 | 763.2 | 805.6 |
| 22.5° | 678.5 | 708.8 | 743.6 | 788.2 |
| 25°   | 655.1 | 681.5 | 716.3 | 767.0 |
| 27.5° | 626.3 | 657.3 | 699.7 | 744.3 |
| 30°   | 602.9 | 628.6 | 667.9 | 721.6 |
| 32.5° | 575.6 | 605.9 | 646.8 | 699.7 |
| 35°   | 551.4 | 577.2 | 615.7 | 669.4 |
| 37.5° | 522.7 | 550.7 | 593.8 | 641.5 |
| 40°   | 497.7 | 525.0 | 565.8 | 610.4 |
| 42.5° | 467.5 | 496.2 | 537.1 | 574.9 |
| 45°   | 443.3 | 469.7 | 502.3 | 537.1 |
| 47.5° | 413.8 | 441.8 | 473.5 | 497.7 |
| 50°   | 387.3 | 413.0 | 438.0 | 458.4 |
| 52.5° | 358.5 | 382.0 | 404.7 | 419.8 |
| 55°   | 332.1 | 350.2 | 368.4 | 379.0 |
| 57.5° | 301.1 | 318.5 | 333.6 | 339.6 |
| 60°   | 273.8 | 288.2 | 298.0 | 304.8 |
| 62.5° | 245.1 | 255.7 | 263.2 | 267.0 |
| 65°   | 217.1 | 224.7 | 228.4 | 232.2 |
| 67.5° | 188.4 | 195.2 | 197.4 | 202.0 |
| 70°   | 158.1 | 165.7 | 167.2 | 169.4 |
| 72.5° | 135.4 | 135.4 | 138.4 | 141.5 |
| 75°   | 108.2 | 109.7 | 111.2 | 111.2 |
| 77.5° | 84.7  | 84.7  | 86.2  | 87.0  |
| 80°   | 62.0  | 62.8  | 62.8  | 62.0  |
| 82.5° | 42.4  | 43.9  | 42.4  | 41.6  |
| 85°   | 23.4  | 26.5  | 25.0  | 25.0  |
| 87.5° | 9.8   | 9.8   | 11.3  | 9.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)