

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: P333325

Luminaire Tested: **S125DIP-S1270D1035U835-4F0-1E-UDD-D**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333325  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIP-S1270D1035U835-4F0-1E-UDD-D  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1270 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9064.7 lumens  
Efficiency: N/A  
Efficacy: 135.7 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.21 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.08')  
CIE Type: General Diffuse

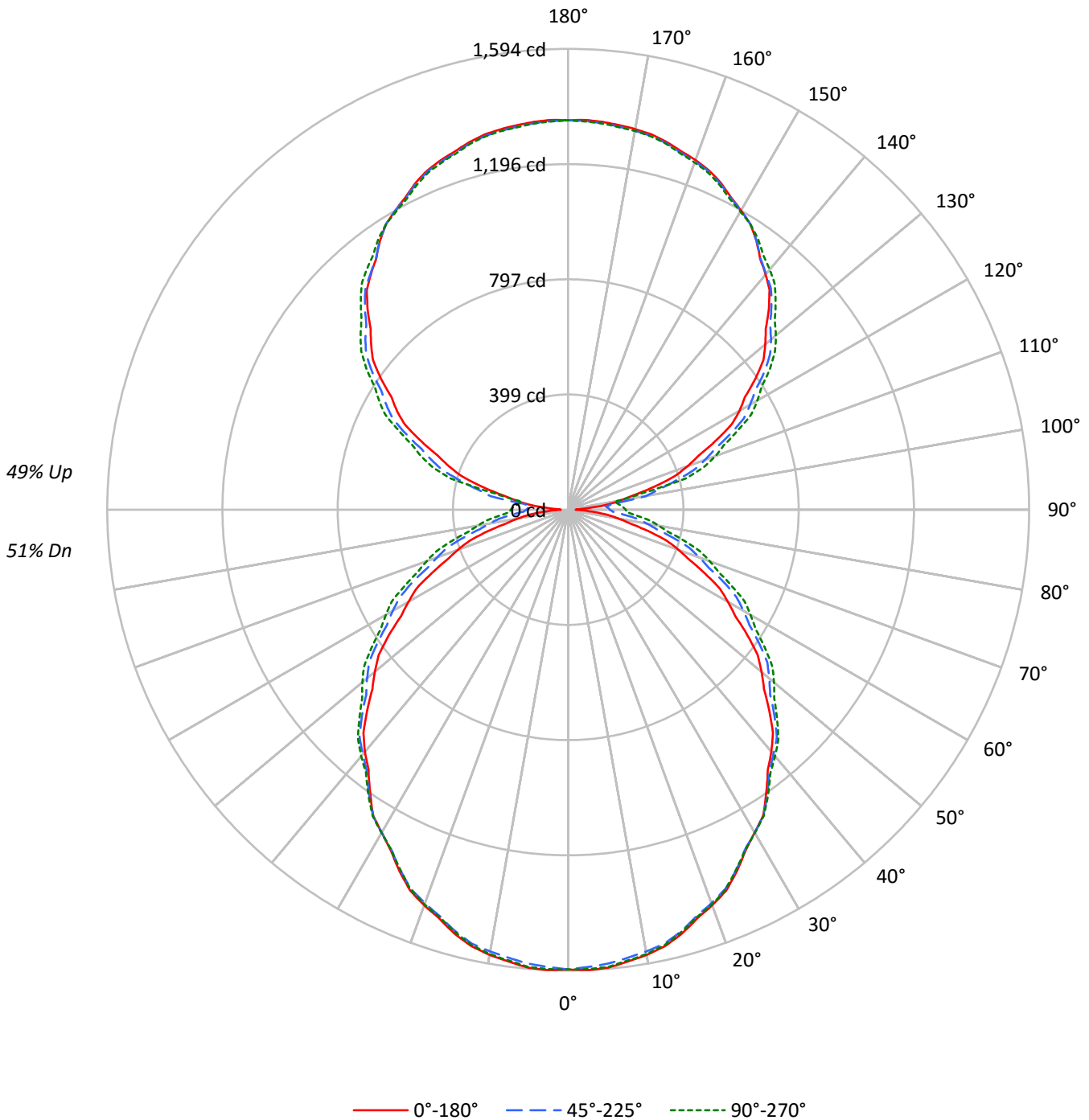
Input Watts (W): 66.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

### Luminous Intensity Polar Plot





TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

**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 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |  |   |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |   |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |    |    |    |    | 51 |   |  |   |
| 1   | 97  | 93  | 88  | 85  | 90 | 86 | 82 | 79 | 72 | 70 | 67 | 60 | 58 | 57 | 49 | 48 | 47 | 41 |    |    |    |    | 41 |   |  |   |
| 2   | 88  | 80  | 74  | 69  | 81 | 74 | 69 | 64 | 63 | 59 | 55 | 53 | 49 | 47 | 43 | 41 | 39 | 34 |    |    |    |    | 34 |   |  |   |
| 3   | 80  | 70  | 63  | 57  | 74 | 65 | 58 | 53 | 55 | 50 | 46 | 46 | 42 | 39 | 38 | 35 | 33 | 29 |    |    |    |    | 29 |   |  |   |
| 4   | 73  | 62  | 54  | 48  | 67 | 58 | 50 | 45 | 49 | 43 | 39 | 41 | 37 | 33 | 34 | 31 | 28 | 24 |    |    |    |    | 24 |   |  |   |
| 5   | 67  | 55  | 47  | 41  | 62 | 51 | 44 | 38 | 44 | 38 | 34 | 37 | 32 | 29 | 30 | 27 | 24 | 21 |    |    |    |    | 21 |   |  |   |
| 6   | 62  | 50  | 41  | 35  | 57 | 46 | 39 | 33 | 39 | 34 | 29 | 33 | 29 | 25 | 27 | 24 | 21 | 18 |    |    |    |    | 18 |   |  |   |
| 7   | 57  | 45  | 37  | 31  | 53 | 42 | 34 | 29 | 36 | 30 | 26 | 30 | 26 | 22 | 25 | 21 | 19 | 16 |    |    |    |    | 16 |   |  |   |
| 8   | 53  | 41  | 33  | 27  | 49 | 38 | 31 | 26 | 32 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 14 |    |    |    |    | 14 |   |  |   |
| 9   | 49  | 37  | 29  | 24  | 46 | 34 | 28 | 23 | 30 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |    |    |    |    | 13 |   |  |   |
| 10  | 46  | 34  | 27  | 22  | 43 | 32 | 25 | 21 | 27 | 22 | 18 | 23 | 19 | 16 | 20 | 16 | 14 | 12 |    |    |    |    | 12 |   |  |   |

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

|     | 0°    | 45°   | 90°   |
|-----|-------|-------|-------|
| 0°  | 10271 | 10271 | 10271 |
| 5°  | 10291 | 10081 | 10113 |
| 10° | 10218 | 9901  | 9886  |
| 15° | 10097 | 9686  | 9597  |
| 20° | 9933  | 9419  | 9309  |
| 25° | 9738  | 9134  | 8953  |
| 30° | 9501  | 8820  | 8630  |
| 35° | 9281  | 8532  | 8335  |
| 40° | 9056  | 8229  | 8036  |
| 45° | 8802  | 7969  | 7773  |
| 50° | 8560  | 7687  | 7539  |
| 55° | 8269  | 7421  | 7265  |
| 60° | 7950  | 7117  | 6985  |
| 65° | 7617  | 6800  | 6669  |
| 70° | 7241  | 6366  | 6346  |
| 75° | 6643  | 5948  | 5948  |
| 80° | 5861  | 5444  | 5515  |
| 85° | 5135  | 5104  | 5378  |



TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 150.4  | 1.7       |
| 10°-20°   | 426.9  | 4.7       |
| 20°-30°   | 634.8  | 7.0       |
| 30°-40°   | 752.0  | 8.3       |
| 40°-50°   | 777.5  | 8.6       |
| 50°-60°   | 716.2  | 7.9       |
| 60°-70°   | 579.0  | 6.4       |
| 70°-80°   | 387.7  | 4.3       |
| 80°-90°   | 203.9  | 2.2       |
| 90°-100°  | 161.8  | 1.8       |
| 100°-110° | 384.9  | 4.2       |
| 110°-120° | 602.9  | 6.7       |
| 120°-130° | 733.8  | 8.1       |
| 130°-140° | 769.1  | 8.5       |
| 140°-150° | 711.7  | 7.9       |
| 150°-160° | 573.5  | 6.3       |
| 160°-170° | 370.9  | 4.1       |
| 170°-180° | 127.9  | 1.4       |
| 0°-30°    | 1212.1 | 13.4      |
| 0°-40°    | 1964.1 | 21.7      |
| 0°-60°    | 3457.8 | 38.1      |
| 0°-90°    | 4628.4 | 51.1      |
| 90°-120°  | 1149.5 | 12.7      |
| 90°-150°  | 3364.0 | 37.1      |
| 90°-180°  | 4436.0 | 48.9      |
| 0°-180°   | 9064.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1590 | 1590  | 1590 | 1590  | 1590 |      |
| 5°   | 1590 | 1587  | 1576 | 1588  | 1587 | 151  |
| 15°  | 1519 | 1519  | 1509 | 1518  | 1512 | 428  |
| 25°  | 1380 | 1384  | 1375 | 1381  | 1374 | 635  |
| 35°  | 1194 | 1204  | 1200 | 1205  | 1205 | 747  |
| 45°  | 984  | 1000  | 1009 | 1019  | 1021 | 759  |
| 55°  | 756  | 781   | 806  | 823   | 830  | 676  |
| 65°  | 521  | 557   | 594  | 616   | 624  | 517  |
| 75°  | 287  | 328   | 377  | 407   | 416  | 304  |
| 85°  | 86   | 137   | 192  | 225   | 238  | 91   |
| 90°  | 26   | 84    | 144  | 183   | 199  | 19   |
| 95°  | 77   | 114   | 130  | 168   | 180  | 88   |
| 105° | 308  | 338   | 383  | 413   | 424  | 326  |
| 115° | 560  | 578   | 618  | 641   | 645  | 555  |
| 125° | 790  | 797   | 827  | 847   | 852  | 705  |
| 135° | 981  | 985   | 994  | 1011  | 1014 | 756  |
| 145° | 1135 | 1135  | 1135 | 1144  | 1144 | 709  |
| 155° | 1248 | 1243  | 1244 | 1246  | 1239 | 575  |
| 165° | 1317 | 1311  | 1312 | 1317  | 1310 | 372  |
| 175° | 1347 | 1341  | 1342 | 1349  | 1341 | 128  |
| 180° | 1347 | 1347  | 1347 | 1347  | 1347 |      |



TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 |
| 2.5°   | 1594.0 | 1593.5 | 1592.9 | 1592.4 | 1591.8 | 1590.6 | 1588.6 | 1586.7 | 1584.8 | 1582.8 | 1584.8 |
| 5°     | 1590.3 | 1589.6 | 1588.9 | 1588.2 | 1587.5 | 1586.0 | 1583.5 | 1581.1 | 1578.7 | 1576.3 | 1579.0 |
| 7.5°   | 1576.3 | 1576.0 | 1575.7 | 1575.4 | 1575.2 | 1573.8 | 1571.3 | 1568.8 | 1566.3 | 1563.8 | 1566.2 |
| 10°    | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1563.8 | 1562.4 | 1559.6 | 1556.9 | 1554.1 | 1551.3 | 1553.7 |
| 12.5°  | 1546.3 | 1546.6 | 1546.9 | 1547.2 | 1547.4 | 1546.5 | 1544.3 | 1542.0 | 1539.8 | 1537.6 | 1539.5 |
| 15°    | 1518.6 | 1518.9 | 1519.3 | 1519.6 | 1520.0 | 1518.9 | 1516.5 | 1514.1 | 1511.7 | 1509.2 | 1511.3 |
| 17.5°  | 1482.4 | 1483.1 | 1483.8 | 1484.5 | 1485.2 | 1484.3 | 1481.9 | 1479.5 | 1477.0 | 1474.6 | 1476.2 |
| 20°    | 1456.2 | 1456.9 | 1457.6 | 1458.3 | 1459.0 | 1458.1 | 1455.7 | 1453.3 | 1450.8 | 1448.4 | 1449.5 |
| 22.5°  | 1426.3 | 1427.5 | 1428.8 | 1430.0 | 1431.3 | 1430.5 | 1427.8 | 1425.1 | 1422.4 | 1419.7 | 1421.0 |
| 25°    | 1379.8 | 1380.9 | 1381.9 | 1382.9 | 1384.0 | 1383.5 | 1381.4 | 1379.3 | 1377.2 | 1375.1 | 1376.5 |
| 27.5°  | 1328.1 | 1329.6 | 1331.1 | 1332.6 | 1334.2 | 1333.7 | 1331.4 | 1329.0 | 1326.7 | 1324.3 | 1325.3 |
| 30°    | 1289.4 | 1291.5 | 1293.5 | 1295.6 | 1297.7 | 1297.7 | 1295.6 | 1293.5 | 1291.5 | 1289.4 | 1290.1 |
| 32.5°  | 1254.5 | 1256.3 | 1258.1 | 1259.9 | 1261.7 | 1261.8 | 1260.3 | 1258.8 | 1257.2 | 1255.7 | 1256.4 |
| 35°    | 1194.3 | 1196.7 | 1199.1 | 1201.6 | 1204.0 | 1204.7 | 1203.6 | 1202.6 | 1201.6 | 1200.5 | 1201.6 |
| 37.5°  | 1134.1 | 1136.3 | 1138.5 | 1140.8 | 1143.0 | 1143.9 | 1143.6 | 1143.2 | 1142.9 | 1142.5 | 1143.9 |
| 40°    | 1092.9 | 1095.7 | 1098.5 | 1101.3 | 1104.0 | 1105.2 | 1104.9 | 1104.5 | 1104.2 | 1103.9 | 1105.2 |
| 42.5°  | 1048.0 | 1051.6 | 1055.2 | 1058.8 | 1062.5 | 1064.6 | 1065.4 | 1066.2 | 1066.9 | 1067.7 | 1069.3 |
| 45°    | 983.8  | 987.6  | 991.4  | 995.2  | 999.0  | 1001.8 | 1003.6 | 1005.3 | 1007.0 | 1008.7 | 1011.2 |
| 47.5°  | 918.0  | 921.5  | 925.1  | 928.6  | 932.1  | 935.4  | 938.4  | 941.4  | 944.3  | 947.3  | 950.9  |
| 50°    | 873.1  | 876.9  | 880.7  | 884.5  | 888.4  | 892.2  | 896.0  | 899.8  | 903.6  | 907.4  | 911.2  |
| 52.5°  | 825.7  | 830.4  | 835.0  | 839.6  | 844.3  | 848.9  | 853.6  | 858.2  | 862.8  | 867.5  | 871.6  |
| 55°    | 756.2  | 761.7  | 767.3  | 772.8  | 778.3  | 783.9  | 789.4  | 795.0  | 800.5  | 806.1  | 809.9  |
| 57.5°  | 685.1  | 691.7  | 698.4  | 705.0  | 711.7  | 718.2  | 724.6  | 730.9  | 737.3  | 743.7  | 748.1  |
| 60°    | 637.7  | 644.6  | 651.5  | 658.5  | 665.4  | 672.3  | 679.3  | 686.2  | 693.1  | 700.0  | 705.2  |
| 62.5°  | 591.5  | 598.5  | 605.4  | 612.3  | 619.2  | 626.5  | 633.9  | 641.4  | 648.9  | 656.4  | 662.1  |
| 65°    | 520.7  | 528.7  | 536.7  | 544.7  | 552.6  | 560.8  | 569.1  | 577.4  | 585.7  | 594.0  | 599.2  |
| 67.5°  | 454.0  | 461.7  | 469.4  | 477.1  | 484.8  | 492.9  | 501.3  | 509.8  | 518.2  | 526.7  | 533.0  |
| 70°    | 405.4  | 413.3  | 421.3  | 429.3  | 437.2  | 445.7  | 454.7  | 463.8  | 472.8  | 481.8  | 488.4  |
| 72.5°  | 358.0  | 366.2  | 374.5  | 382.7  | 391.0  | 400.0  | 409.8  | 419.7  | 429.5  | 439.4  | 446.5  |
| 75°    | 286.9  | 295.9  | 304.9  | 313.9  | 322.9  | 333.0  | 344.0  | 355.1  | 366.2  | 377.3  | 384.2  |
| 77.5°  | 218.6  | 229.0  | 239.4  | 249.8  | 260.2  | 270.7  | 281.4  | 292.0  | 302.7  | 313.4  | 321.0  |
| 80°    | 176.2  | 186.6  | 197.0  | 207.4  | 217.8  | 228.8  | 240.6  | 252.4  | 264.2  | 276.0  | 283.6  |
| 82.5°  | 137.5  | 148.5  | 159.4  | 170.4  | 181.3  | 192.8  | 204.9  | 216.9  | 229.0  | 241.0  | 248.4  |
| 85°    | 85.8   | 97.2   | 108.6  | 120.1  | 131.5  | 143.3  | 155.4  | 167.5  | 179.6  | 191.8  | 199.4  |
| 87.5°  | 48.8   | 60.3   | 71.7   | 83.2   | 94.6   | 106.4  | 118.5  | 130.6  | 142.7  | 154.7  | 162.9  |
| 90°    | 25.9   | 38.8   | 51.7   | 64.5   | 77.4   | 90.5   | 103.8  | 117.2  | 130.5  | 143.8  | 152.9  |
| 92.5°  | 37.8   | 46.8   | 55.9   | 64.9   | 73.9   | 85.1   | 98.5   | 112.0  | 125.4  | 138.8  | 147.6  |
| 95°    | 77.2   | 85.5   | 93.9   | 102.2  | 110.6  | 116.4  | 119.7  | 123.1  | 126.4  | 129.8  | 138.5  |
| 97.5°  | 137.2  | 146.5  | 155.8  | 165.1  | 174.4  | 176.4  | 171.1  | 165.8  | 160.5  | 155.1  | 156.2  |
| 100°   | 183.9  | 191.8  | 199.8  | 207.7  | 215.7  | 225.6  | 237.6  | 249.6  | 261.5  | 273.5  | 247.7  |
| 102.5° | 231.4  | 238.9  | 246.5  | 254.1  | 261.6  | 271.1  | 282.4  | 293.8  | 305.1  | 316.5  | 317.2  |
| 105°   | 307.6  | 314.0  | 320.4  | 326.9  | 333.3  | 341.7  | 352.1  | 362.5  | 372.9  | 383.3  | 390.2  |
| 107.5° | 386.8  | 391.5  | 396.2  | 400.9  | 405.6  | 413.2  | 423.6  | 434.0  | 444.5  | 454.9  | 461.8  |
| 110°   | 438.3  | 442.4  | 446.6  | 450.7  | 454.9  | 462.0  | 472.2  | 482.3  | 492.5  | 502.6  | 508.5  |



TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 487.8  | 491.6  | 495.5  | 499.4  | 503.2  | 510.0  | 519.7  | 529.4  | 539.1  | 548.8  | 554.2  |
| 115°   | 560.5  | 564.0  | 567.6  | 571.1  | 574.6  | 581.0  | 590.3  | 599.5  | 608.7  | 618.0  | 623.3  |
| 117.5° | 635.8  | 637.4  | 638.9  | 640.5  | 642.0  | 647.5  | 656.9  | 666.2  | 675.6  | 685.0  | 689.7  |
| 120°   | 683.8  | 684.6  | 685.4  | 686.2  | 687.0  | 691.8  | 700.4  | 709.0  | 717.7  | 726.3  | 731.7  |
| 122.5° | 724.8  | 726.2  | 727.5  | 728.8  | 730.2  | 734.8  | 742.8  | 750.8  | 758.8  | 766.8  | 772.0  |
| 125°   | 790.0  | 791.2  | 792.4  | 793.7  | 794.9  | 798.9  | 805.9  | 812.8  | 819.7  | 826.6  | 831.3  |
| 127.5° | 851.0  | 851.7  | 852.5  | 853.3  | 854.0  | 857.2  | 862.7  | 868.3  | 873.8  | 879.4  | 884.0  |
| 130°   | 889.3  | 890.1  | 890.8  | 891.6  | 892.4  | 895.3  | 900.4  | 905.4  | 910.5  | 915.6  | 919.8  |
| 132.5° | 926.4  | 927.6  | 928.8  | 930.1  | 931.3  | 933.5  | 936.8  | 940.0  | 943.3  | 946.5  | 951.3  |
| 135°   | 980.6  | 981.6  | 982.6  | 983.6  | 984.6  | 986.0  | 988.0  | 990.0  | 992.0  | 994.0  | 998.0  |
| 137.5° | 1030.4 | 1031.3 | 1032.2 | 1033.1 | 1033.9 | 1034.8 | 1035.5 | 1036.3 | 1037.1 | 1037.9 | 1042.1 |
| 140°   | 1061.9 | 1062.4 | 1062.8 | 1063.3 | 1063.7 | 1064.0 | 1064.1 | 1064.2 | 1064.4 | 1064.5 | 1068.7 |
| 142.5° | 1091.5 | 1091.5 | 1091.5 | 1091.5 | 1091.4 | 1091.6 | 1092.0 | 1092.4 | 1092.8 | 1093.1 | 1096.5 |
| 145°   | 1134.8 | 1134.9 | 1135.0 | 1135.1 | 1135.2 | 1135.3 | 1135.3 | 1135.3 | 1135.3 | 1135.3 | 1137.2 |
| 147.5° | 1171.2 | 1171.1 | 1171.0 | 1170.9 | 1170.8 | 1170.9 | 1171.2 | 1171.5 | 1171.7 | 1172.0 | 1172.8 |
| 150°   | 1195.2 | 1194.7 | 1194.3 | 1193.8 | 1193.4 | 1193.4 | 1193.8 | 1194.3 | 1194.7 | 1195.2 | 1195.6 |
| 152.5° | 1218.3 | 1217.4 | 1216.4 | 1215.4 | 1214.4 | 1214.2 | 1214.6 | 1215.0 | 1215.5 | 1215.9 | 1216.4 |
| 155°   | 1248.1 | 1246.8 | 1245.4 | 1244.1 | 1242.8 | 1242.3 | 1242.8 | 1243.2 | 1243.6 | 1244.1 | 1244.8 |
| 157.5° | 1271.0 | 1270.2 | 1269.5 | 1268.7 | 1267.9 | 1267.5 | 1267.5 | 1267.6 | 1267.6 | 1267.7 | 1268.4 |
| 160°   | 1287.0 | 1285.7 | 1284.4 | 1283.0 | 1281.7 | 1281.1 | 1281.4 | 1281.6 | 1281.8 | 1282.0 | 1282.9 |
| 162.5° | 1299.8 | 1298.5 | 1297.1 | 1295.8 | 1294.5 | 1293.9 | 1294.1 | 1294.4 | 1294.6 | 1294.8 | 1296.1 |
| 165°   | 1317.0 | 1315.6 | 1314.3 | 1313.0 | 1311.7 | 1311.1 | 1311.3 | 1311.5 | 1311.8 | 1312.0 | 1313.3 |
| 167.5° | 1329.8 | 1328.4 | 1327.0 | 1325.6 | 1324.3 | 1323.7 | 1323.9 | 1324.1 | 1324.3 | 1324.6 | 1326.2 |
| 170°   | 1336.9 | 1335.4 | 1333.8 | 1332.3 | 1330.7 | 1330.1 | 1330.3 | 1330.5 | 1330.7 | 1331.0 | 1332.7 |
| 172.5° | 1341.7 | 1340.2 | 1338.6 | 1337.1 | 1335.5 | 1335.0 | 1335.3 | 1335.7 | 1336.1 | 1336.5 | 1338.1 |
| 175°   | 1346.9 | 1345.6 | 1344.3 | 1342.9 | 1341.6 | 1341.1 | 1341.3 | 1341.5 | 1341.7 | 1341.9 | 1343.7 |
| 177.5° | 1349.3 | 1348.3 | 1347.2 | 1346.1 | 1345.1 | 1344.6 | 1344.8 | 1345.0 | 1345.2 | 1345.3 | 1346.6 |
| 180°   | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 |



TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 | 1590.3 |
| 2.5°   | 1586.7 | 1588.6 | 1590.6 | 1591.4 | 1591.1 | 1590.9 | 1590.6 | 1590.3 |
| 5°     | 1581.8 | 1584.6 | 1587.4 | 1588.6 | 1588.2 | 1587.9 | 1587.5 | 1587.2 |
| 7.5°   | 1568.6 | 1571.1 | 1573.5 | 1574.5 | 1574.2 | 1573.8 | 1573.5 | 1573.1 |
| 10°    | 1556.2 | 1558.6 | 1561.0 | 1562.1 | 1561.7 | 1561.4 | 1561.0 | 1560.7 |
| 12.5°  | 1541.3 | 1543.2 | 1545.1 | 1545.6 | 1544.7 | 1543.8 | 1542.9 | 1542.0 |
| 15°    | 1513.4 | 1515.5 | 1517.5 | 1517.9 | 1516.5 | 1515.1 | 1513.7 | 1512.3 |
| 17.5°  | 1477.8 | 1479.4 | 1481.0 | 1481.4 | 1480.5 | 1479.7 | 1478.9 | 1478.0 |
| 20°    | 1450.5 | 1451.5 | 1452.6 | 1453.1 | 1453.1 | 1453.1 | 1453.1 | 1453.1 |
| 22.5°  | 1422.4 | 1423.7 | 1425.0 | 1425.2 | 1424.4 | 1423.6 | 1422.7 | 1421.9 |
| 25°    | 1377.9 | 1379.3 | 1380.7 | 1380.5 | 1378.8 | 1377.0 | 1375.3 | 1373.6 |
| 27.5°  | 1326.3 | 1327.2 | 1328.2 | 1328.4 | 1327.7 | 1327.1 | 1326.5 | 1325.9 |
| 30°    | 1290.8 | 1291.5 | 1292.2 | 1292.3 | 1292.0 | 1291.6 | 1291.3 | 1290.9 |
| 32.5°  | 1257.1 | 1257.8 | 1258.5 | 1258.7 | 1258.3 | 1258.0 | 1257.6 | 1257.3 |
| 35°    | 1202.6 | 1203.6 | 1204.7 | 1205.2 | 1205.2 | 1205.2 | 1205.2 | 1205.2 |
| 37.5°  | 1145.3 | 1146.7 | 1148.1 | 1148.7 | 1148.5 | 1148.4 | 1148.3 | 1148.1 |
| 40°    | 1106.6 | 1108.0 | 1109.4 | 1110.4 | 1111.1 | 1111.8 | 1112.5 | 1113.2 |
| 42.5°  | 1071.0 | 1072.7 | 1074.3 | 1075.2 | 1075.4 | 1075.5 | 1075.7 | 1075.8 |
| 45°    | 1013.6 | 1016.0 | 1018.4 | 1019.8 | 1020.2 | 1020.5 | 1020.9 | 1021.2 |
| 47.5°  | 954.4  | 957.9  | 961.5  | 963.6  | 964.4  | 965.1  | 965.9  | 966.7  |
| 50°    | 915.0  | 918.8  | 922.7  | 925.1  | 926.1  | 927.2  | 928.2  | 929.2  |
| 52.5°  | 875.7  | 879.8  | 883.8  | 886.3  | 887.0  | 887.8  | 888.6  | 889.3  |
| 55°    | 813.7  | 817.5  | 821.3  | 823.9  | 825.3  | 826.7  | 828.1  | 829.5  |
| 57.5°  | 752.4  | 756.8  | 761.2  | 763.9  | 764.9  | 765.9  | 767.0  | 768.0  |
| 60°    | 710.4  | 715.6  | 720.8  | 723.9  | 725.0  | 726.0  | 727.1  | 728.1  |
| 62.5°  | 667.9  | 673.6  | 679.4  | 682.9  | 684.2  | 685.6  | 686.9  | 688.2  |
| 65°    | 604.4  | 609.6  | 614.8  | 618.1  | 619.5  | 620.9  | 622.3  | 623.6  |
| 67.5°  | 539.3  | 545.6  | 551.9  | 555.9  | 557.7  | 559.5  | 561.4  | 563.2  |
| 70°    | 494.9  | 501.5  | 508.1  | 512.4  | 514.5  | 516.6  | 518.7  | 520.7  |
| 72.5°  | 453.6  | 460.8  | 467.9  | 472.2  | 473.8  | 475.3  | 476.8  | 478.3  |
| 75°    | 391.2  | 398.1  | 405.0  | 409.4  | 411.1  | 412.8  | 414.6  | 416.3  |
| 77.5°  | 328.6  | 336.2  | 343.9  | 348.4  | 349.8  | 351.1  | 352.5  | 353.9  |
| 80°    | 291.2  | 298.8  | 306.5  | 311.0  | 312.3  | 313.7  | 315.1  | 316.5  |
| 82.5°  | 255.7  | 263.1  | 270.4  | 275.3  | 277.8  | 280.3  | 282.8  | 285.3  |
| 85°    | 207.0  | 214.6  | 222.3  | 227.5  | 230.2  | 233.0  | 235.8  | 238.5  |
| 87.5°  | 171.1  | 179.3  | 187.5  | 192.9  | 195.4  | 198.0  | 200.6  | 203.1  |
| 90°    | 162.0  | 171.1  | 180.1  | 186.2  | 189.3  | 192.4  | 195.5  | 198.6  |
| 92.5°  | 156.4  | 165.2  | 174.0  | 179.8  | 182.5  | 185.3  | 188.0  | 190.8  |
| 95°    | 147.3  | 156.0  | 164.7  | 170.3  | 172.7  | 175.1  | 177.6  | 180.0  |
| 97.5°  | 157.2  | 158.2  | 159.2  | 160.9  | 163.3  | 165.6  | 168.0  | 170.3  |
| 100°   | 221.9  | 196.2  | 170.4  | 158.1  | 159.3  | 160.5  | 161.7  | 162.8  |
| 102.5° | 317.9  | 318.7  | 319.4  | 313.3  | 300.3  | 287.3  | 274.3  | 261.3  |
| 105°   | 397.2  | 404.1  | 411.0  | 415.6  | 417.8  | 420.0  | 422.2  | 424.4  |
| 107.5° | 468.7  | 475.6  | 482.5  | 486.7  | 488.2  | 489.7  | 491.1  | 492.6  |
| 110°   | 514.5  | 520.4  | 526.3  | 530.6  | 533.2  | 535.9  | 538.5  | 541.2  |





TEST NUMBER: P333325

CATALOG NUMBER: S125DIP-S1270D1035U835-4F0-1E-UDD-D

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 559.7  | 565.1  | 570.6  | 574.4  | 576.5  | 578.6  | 580.7  | 582.8  |
| 115°   | 628.6  | 634.0  | 639.3  | 642.4  | 643.1  | 643.9  | 644.6  | 645.4  |
| 117.5° | 694.4  | 699.2  | 703.9  | 707.2  | 708.9  | 710.7  | 712.5  | 714.3  |
| 120°   | 737.2  | 742.6  | 748.1  | 751.3  | 752.3  | 753.2  | 754.2  | 755.2  |
| 122.5° | 777.2  | 782.3  | 787.5  | 790.5  | 791.3  | 792.1  | 792.9  | 793.7  |
| 125°   | 836.0  | 840.6  | 845.3  | 848.1  | 849.2  | 850.3  | 851.3  | 852.4  |
| 127.5° | 888.7  | 893.3  | 897.9  | 900.4  | 900.8  | 901.2  | 901.5  | 901.9  |
| 130°   | 923.9  | 928.1  | 932.3  | 934.7  | 935.3  | 936.0  | 936.6  | 937.2  |
| 132.5° | 956.0  | 960.7  | 965.4  | 967.9  | 968.3  | 968.6  | 969.0  | 969.3  |
| 135°   | 1002.1 | 1006.1 | 1010.2 | 1012.4 | 1012.8 | 1013.2 | 1013.6 | 1014.0 |
| 137.5° | 1046.2 | 1050.4 | 1054.6 | 1056.8 | 1057.0 | 1057.3 | 1057.5 | 1057.7 |
| 140°   | 1073.0 | 1077.3 | 1081.5 | 1083.7 | 1083.7 | 1083.8 | 1083.8 | 1083.9 |
| 142.5° | 1099.8 | 1103.2 | 1106.5 | 1108.2 | 1108.3 | 1108.3 | 1108.4 | 1108.4 |
| 145°   | 1139.2 | 1141.1 | 1143.1 | 1144.1 | 1144.1 | 1144.2 | 1144.2 | 1144.3 |
| 147.5° | 1173.6 | 1174.5 | 1175.3 | 1175.2 | 1174.2 | 1173.3 | 1172.3 | 1171.3 |
| 150°   | 1196.1 | 1196.5 | 1196.9 | 1196.4 | 1195.0 | 1193.6 | 1192.2 | 1190.7 |
| 152.5° | 1216.8 | 1217.3 | 1217.7 | 1217.2 | 1215.6 | 1214.1 | 1212.6 | 1211.1 |
| 155°   | 1245.4 | 1246.1 | 1246.8 | 1246.2 | 1244.4 | 1242.6 | 1240.9 | 1239.1 |
| 157.5° | 1269.1 | 1269.8 | 1270.5 | 1270.0 | 1268.2 | 1266.4 | 1264.6 | 1262.9 |
| 160°   | 1283.8 | 1284.7 | 1285.6 | 1285.1 | 1283.4 | 1281.6 | 1279.8 | 1278.0 |
| 162.5° | 1297.3 | 1298.5 | 1299.8 | 1299.4 | 1297.5 | 1295.5 | 1293.6 | 1291.6 |
| 165°   | 1314.6 | 1316.0 | 1317.3 | 1317.1 | 1315.3 | 1313.5 | 1311.8 | 1310.0 |
| 167.5° | 1327.8 | 1329.4 | 1331.0 | 1330.8 | 1328.8 | 1326.8 | 1324.8 | 1322.8 |
| 170°   | 1334.5 | 1336.3 | 1338.1 | 1337.9 | 1335.9 | 1334.0 | 1332.0 | 1330.0 |
| 172.5° | 1339.7 | 1341.3 | 1342.9 | 1342.7 | 1340.7 | 1338.7 | 1336.7 | 1334.8 |
| 175°   | 1345.5 | 1347.3 | 1349.0 | 1348.9 | 1346.9 | 1344.9 | 1342.9 | 1340.9 |
| 177.5° | 1347.8 | 1349.1 | 1350.3 | 1350.2 | 1348.8 | 1347.4 | 1346.0 | 1344.5 |
| 180°   | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 | 1346.9 |

(END OF REPORT)