

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: P333319-927

Luminaire Tested: **S125DIP-S1270D810U927-4F0-1E-UDD-F**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333319-927
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-S1270D810U927-4F0-1E-UDD-F
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
UPLIGHT 810 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6630.6 lumens
Efficiency: N/A
Efficacy: 109.2 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: Semi-Direct

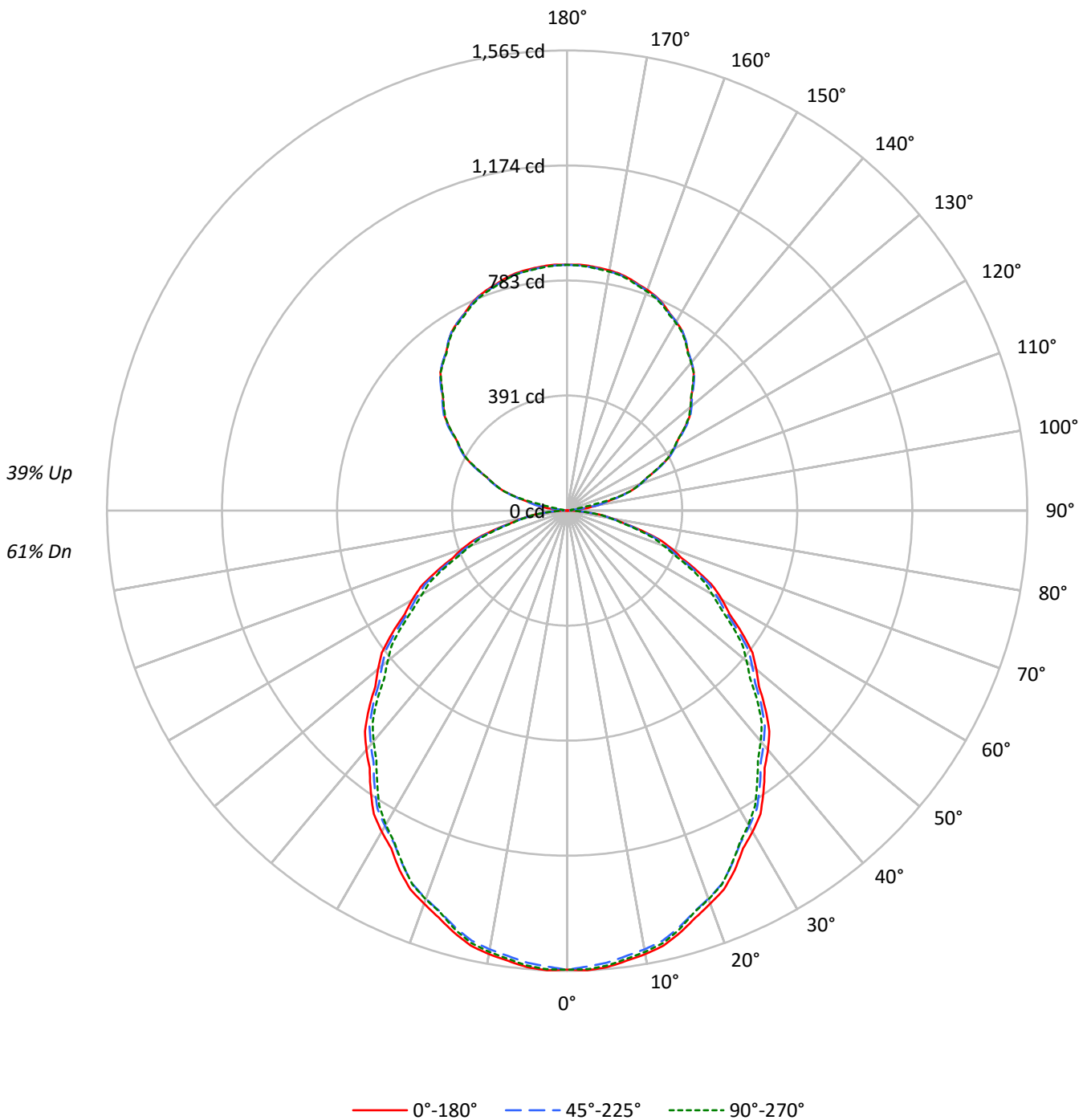
Input Watts (W): 60.7
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

Luminous Intensity Polar Plot





TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

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 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 66 | 66 | 66 | 61 |
| 1 | 100 | 96 | 92 | 88 | 94 | 90 | 86 | 83 | 79 | 76 | 74 | 68 | 66 | 65 | 59 | 57 | 56 | 51 |
| 2 | 91 | 84 | 77 | 72 | 85 | 78 | 73 | 68 | 69 | 65 | 61 | 60 | 57 | 54 | 52 | 49 | 47 | 43 |
| 3 | 83 | 74 | 66 | 60 | 78 | 69 | 62 | 57 | 61 | 55 | 51 | 53 | 49 | 46 | 46 | 43 | 40 | 36 |
| 4 | 76 | 65 | 57 | 51 | 71 | 61 | 54 | 48 | 54 | 48 | 44 | 47 | 43 | 39 | 41 | 37 | 35 | 31 |
| 5 | 70 | 58 | 50 | 44 | 65 | 55 | 47 | 42 | 48 | 42 | 38 | 42 | 38 | 34 | 37 | 33 | 30 | 27 |
| 6 | 65 | 52 | 44 | 38 | 60 | 49 | 42 | 36 | 44 | 37 | 33 | 38 | 33 | 30 | 33 | 30 | 27 | 24 |
| 7 | 60 | 47 | 39 | 33 | 56 | 45 | 37 | 32 | 40 | 33 | 29 | 35 | 30 | 26 | 30 | 27 | 24 | 21 |
| 8 | 55 | 43 | 35 | 30 | 52 | 41 | 33 | 28 | 36 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 19 |
| 9 | 52 | 39 | 32 | 26 | 48 | 37 | 30 | 25 | 33 | 27 | 23 | 29 | 25 | 21 | 26 | 22 | 19 | 17 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 31 | 25 | 21 | 27 | 22 | 19 | 24 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 10083 | 10083 | 10083 |
| 5° | 10105 | 10009 | 10073 |
| 10° | 10044 | 9938 | 9996 |
| 15° | 9934 | 9819 | 9860 |
| 20° | 9779 | 9652 | 9669 |
| 25° | 9612 | 9453 | 9443 |
| 30° | 9405 | 9238 | 9192 |
| 35° | 9183 | 9008 | 8881 |
| 40° | 8955 | 8757 | 8632 |
| 45° | 8709 | 8528 | 8359 |
| 50° | 8439 | 8252 | 8004 |
| 55° | 8178 | 7942 | 7719 |
| 60° | 7865 | 7626 | 7355 |
| 65° | 7494 | 7248 | 7002 |
| 70° | 7138 | 6811 | 6577 |
| 75° | 6503 | 6288 | 6071 |
| 80° | 5787 | 5694 | 5560 |
| 85° | 5039 | 5128 | 4846 |



TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 147.2 | 2.2 |
| 10°-20° | 415.8 | 6.3 |
| 20°-30° | 613.9 | 9.3 |
| 30°-40° | 716.4 | 10.8 |
| 40°-50° | 719.5 | 10.9 |
| 50°-60° | 631.6 | 9.5 |
| 60°-70° | 470.6 | 7.1 |
| 70°-80° | 269.1 | 4.1 |
| 80°-90° | 80.0 | 1.2 |
| 90°-100° | 30.4 | 0.5 |
| 100°-110° | 187.2 | 2.8 |
| 110°-120° | 339.5 | 5.1 |
| 120°-130° | 435.7 | 6.6 |
| 130°-140° | 468.6 | 7.1 |
| 140°-150° | 439.8 | 6.6 |
| 150°-160° | 355.8 | 5.4 |
| 160°-170° | 230.1 | 3.5 |
| 170°-180° | 79.4 | 1.2 |
| 0°-30° | 1177.0 | 17.8 |
| 0°-40° | 1893.4 | 28.6 |
| 0°-60° | 3244.5 | 48.9 |
| 0°-90° | 4064.2 | 61.3 |
| 90°-120° | 557.0 | 8.4 |
| 90°-150° | 1901.1 | 28.7 |
| 90°-180° | 2566.0 | 38.7 |
| 0°-180° | 6630.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1561 | 1561 | 1561 | 1561 | 1561 | |
| 5° | 1559 | 1556 | 1544 | 1554 | 1554 | 148 |
| 15° | 1486 | 1482 | 1468 | 1474 | 1475 | 419 |
| 25° | 1349 | 1342 | 1326 | 1329 | 1325 | 620 |
| 35° | 1165 | 1159 | 1142 | 1136 | 1126 | 728 |
| 45° | 954 | 948 | 934 | 920 | 915 | 734 |
| 55° | 726 | 722 | 705 | 694 | 686 | 648 |
| 65° | 490 | 487 | 474 | 464 | 458 | 486 |
| 75° | 261 | 258 | 252 | 248 | 243 | 278 |
| 85° | 68 | 69 | 69 | 68 | 65 | 76 |
| 90° | 1 | 6 | 10 | 13 | 15 | 5 |
| 95° | 35 | 32 | 10 | 13 | 13 | 45 |
| 105° | 182 | 184 | 185 | 185 | 184 | 193 |
| 115° | 342 | 345 | 346 | 343 | 340 | 339 |
| 125° | 486 | 490 | 491 | 488 | 486 | 434 |
| 135° | 606 | 610 | 609 | 608 | 604 | 467 |
| 145° | 703 | 704 | 704 | 705 | 701 | 440 |
| 155° | 774 | 771 | 772 | 773 | 769 | 357 |
| 165° | 817 | 814 | 814 | 817 | 813 | 231 |
| 175° | 836 | 832 | 833 | 837 | 832 | 80 |
| 180° | 836 | 836 | 836 | 836 | 836 | |



TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 |
| 2.5° | 1565.1 | 1564.5 | 1563.8 | 1563.1 | 1562.5 | 1561.1 | 1558.9 | 1556.6 | 1554.5 | 1552.3 | 1554.5 |
| 5° | 1558.7 | 1558.1 | 1557.6 | 1557.0 | 1556.5 | 1554.9 | 1552.1 | 1549.4 | 1546.7 | 1543.9 | 1546.3 |
| 7.5° | 1544.4 | 1543.8 | 1543.3 | 1542.7 | 1542.1 | 1540.4 | 1537.4 | 1534.4 | 1531.4 | 1528.4 | 1530.7 |
| 10° | 1531.5 | 1531.0 | 1530.4 | 1529.9 | 1529.3 | 1527.6 | 1524.6 | 1521.5 | 1518.5 | 1515.4 | 1517.7 |
| 12.5° | 1515.7 | 1514.7 | 1513.8 | 1512.8 | 1511.8 | 1509.9 | 1507.0 | 1504.3 | 1501.5 | 1498.7 | 1500.5 |
| 15° | 1485.8 | 1485.0 | 1484.2 | 1483.4 | 1482.6 | 1480.6 | 1477.6 | 1474.6 | 1471.6 | 1468.5 | 1469.9 |
| 17.5° | 1451.5 | 1450.3 | 1449.1 | 1447.9 | 1446.7 | 1444.5 | 1441.4 | 1438.2 | 1435.1 | 1431.9 | 1433.7 |
| 20° | 1422.8 | 1422.3 | 1421.7 | 1421.2 | 1420.6 | 1418.6 | 1415.0 | 1411.4 | 1407.9 | 1404.3 | 1406.2 |
| 22.5° | 1394.2 | 1393.2 | 1392.2 | 1391.2 | 1390.2 | 1388.1 | 1384.7 | 1381.4 | 1378.0 | 1374.7 | 1375.9 |
| 25° | 1348.8 | 1347.3 | 1346.0 | 1344.7 | 1343.2 | 1340.8 | 1337.2 | 1333.6 | 1330.1 | 1326.5 | 1327.1 |
| 27.5° | 1295.6 | 1294.8 | 1294.0 | 1293.2 | 1292.4 | 1290.1 | 1286.4 | 1282.7 | 1279.1 | 1275.3 | 1275.5 |
| 30° | 1261.1 | 1260.2 | 1259.4 | 1258.5 | 1257.7 | 1255.3 | 1251.2 | 1247.1 | 1242.9 | 1238.8 | 1238.3 |
| 32.5° | 1223.5 | 1222.3 | 1221.0 | 1219.7 | 1218.5 | 1216.0 | 1212.3 | 1208.6 | 1204.9 | 1201.3 | 1200.3 |
| 35° | 1164.7 | 1163.6 | 1162.5 | 1161.4 | 1160.3 | 1157.9 | 1154.0 | 1150.2 | 1146.3 | 1142.5 | 1141.1 |
| 37.5° | 1103.7 | 1102.3 | 1101.0 | 1099.5 | 1098.2 | 1095.7 | 1092.1 | 1088.5 | 1084.8 | 1081.2 | 1079.2 |
| 40° | 1062.2 | 1060.8 | 1059.5 | 1058.0 | 1056.7 | 1054.1 | 1050.3 | 1046.4 | 1042.6 | 1038.7 | 1036.3 |
| 42.5° | 1017.7 | 1016.6 | 1015.4 | 1014.2 | 1013.1 | 1010.6 | 1006.8 | 1002.9 | 999.1 | 995.2 | 993.0 |
| 45° | 953.5 | 952.4 | 951.3 | 950.2 | 949.1 | 946.9 | 943.6 | 940.3 | 937.1 | 933.7 | 930.4 |
| 47.5° | 884.3 | 884.4 | 884.5 | 884.5 | 884.6 | 882.6 | 878.7 | 874.7 | 870.8 | 866.8 | 863.5 |
| 50° | 839.9 | 839.1 | 838.2 | 837.4 | 836.5 | 834.5 | 831.2 | 827.9 | 824.7 | 821.3 | 817.8 |
| 52.5° | 794.4 | 793.8 | 793.2 | 792.6 | 792.0 | 790.0 | 786.4 | 782.9 | 779.4 | 775.9 | 772.8 |
| 55° | 726.3 | 725.4 | 724.6 | 723.7 | 722.9 | 720.6 | 716.8 | 713.0 | 709.1 | 705.3 | 702.7 |
| 57.5° | 654.3 | 653.9 | 653.5 | 653.1 | 652.6 | 650.8 | 647.5 | 644.3 | 641.0 | 637.8 | 634.6 |
| 60° | 608.9 | 607.8 | 606.7 | 605.6 | 604.5 | 602.5 | 599.4 | 596.4 | 593.4 | 590.4 | 587.6 |
| 62.5° | 561.5 | 560.6 | 559.8 | 558.8 | 557.9 | 556.3 | 553.7 | 551.0 | 548.5 | 545.9 | 543.0 |
| 65° | 490.4 | 489.8 | 489.3 | 488.7 | 488.1 | 486.3 | 483.3 | 480.3 | 477.3 | 474.3 | 471.8 |
| 67.5° | 421.4 | 420.3 | 419.1 | 418.0 | 416.8 | 415.1 | 412.9 | 410.6 | 408.4 | 406.1 | 404.0 |
| 70° | 378.0 | 376.6 | 375.2 | 373.8 | 372.5 | 370.5 | 368.0 | 365.6 | 363.1 | 360.7 | 359.0 |
| 72.5° | 330.5 | 329.5 | 328.7 | 327.7 | 326.8 | 325.5 | 323.9 | 322.3 | 320.8 | 319.2 | 317.3 |
| 75° | 260.6 | 260.1 | 259.5 | 259.0 | 258.4 | 257.5 | 256.1 | 254.7 | 253.3 | 252.0 | 251.1 |
| 77.5° | 196.1 | 195.9 | 195.7 | 195.5 | 195.3 | 194.8 | 194.0 | 193.2 | 192.4 | 191.7 | 191.2 |
| 80° | 155.6 | 155.6 | 155.6 | 155.6 | 155.6 | 155.3 | 154.8 | 154.2 | 153.7 | 153.1 | 152.9 |
| 82.5° | 120.0 | 119.6 | 119.1 | 118.7 | 118.3 | 118.0 | 117.9 | 117.8 | 117.7 | 117.6 | 117.1 |
| 85° | 68.0 | 68.2 | 68.4 | 68.8 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 68.9 |
| 87.5° | 26.8 | 27.0 | 27.3 | 27.5 | 27.6 | 27.8 | 27.7 | 27.7 | 27.7 | 27.6 | 27.8 |
| 90° | 0.6 | 1.7 | 2.9 | 4.0 | 5.0 | 6.0 | 7.1 | 8.0 | 9.0 | 9.9 | 10.6 |
| 92.5° | 9.5 | 8.8 | 8.0 | 7.2 | 6.5 | 6.5 | 7.4 | 8.2 | 9.0 | 9.9 | 10.6 |
| 95° | 35.3 | 34.9 | 34.5 | 34.1 | 33.7 | 30.8 | 25.6 | 20.4 | 15.1 | 9.9 | 10.6 |
| 97.5° | 73.8 | 74.5 | 75.2 | 76.0 | 76.7 | 71.9 | 61.6 | 51.2 | 40.8 | 30.5 | 26.6 |
| 100° | 103.5 | 103.9 | 104.3 | 104.7 | 105.1 | 105.6 | 106.2 | 106.7 | 107.3 | 107.8 | 87.3 |
| 102.5° | 133.7 | 134.2 | 134.8 | 135.2 | 135.8 | 136.2 | 136.6 | 136.9 | 137.2 | 137.5 | 133.6 |
| 105° | 182.1 | 182.7 | 183.2 | 183.8 | 184.3 | 184.6 | 184.6 | 184.6 | 184.6 | 184.6 | 184.6 |
| 107.5° | 232.4 | 232.4 | 232.4 | 232.4 | 232.4 | 232.6 | 232.8 | 233.1 | 233.4 | 233.7 | 233.7 |
| 110° | 265.1 | 265.1 | 265.1 | 265.1 | 265.1 | 265.3 | 265.5 | 265.9 | 266.1 | 266.4 | 266.0 |



TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 295.9 | 296.2 | 296.5 | 296.9 | 297.2 | 297.5 | 297.6 | 297.8 | 297.9 | 298.1 | 297.6 |
| 115° | 342.0 | 342.7 | 343.3 | 344.0 | 344.8 | 345.2 | 345.3 | 345.4 | 345.5 | 345.7 | 345.2 |
| 117.5° | 389.7 | 389.7 | 389.6 | 389.6 | 389.6 | 389.8 | 390.3 | 390.9 | 391.4 | 391.9 | 391.2 |
| 120° | 419.4 | 419.3 | 419.1 | 419.0 | 418.8 | 419.0 | 419.4 | 419.9 | 420.3 | 420.6 | 420.4 |
| 122.5° | 445.7 | 446.2 | 446.7 | 447.3 | 447.7 | 448.1 | 448.3 | 448.5 | 448.7 | 448.9 | 448.6 |
| 125° | 486.3 | 487.3 | 488.2 | 489.3 | 490.2 | 490.7 | 490.7 | 490.7 | 490.7 | 490.7 | 490.1 |
| 127.5° | 525.1 | 525.8 | 526.5 | 527.2 | 527.8 | 528.1 | 528.1 | 528.0 | 527.9 | 527.8 | 527.5 |
| 130° | 548.9 | 549.6 | 550.2 | 551.0 | 551.7 | 552.1 | 552.2 | 552.3 | 552.5 | 552.6 | 552.2 |
| 132.5° | 572.7 | 573.5 | 574.3 | 575.0 | 575.9 | 576.2 | 575.8 | 575.5 | 575.2 | 574.9 | 574.8 |
| 135° | 606.5 | 607.4 | 608.2 | 609.0 | 609.8 | 610.1 | 609.8 | 609.5 | 609.3 | 609.0 | 608.7 |
| 137.5° | 637.6 | 638.3 | 639.1 | 639.8 | 640.5 | 640.7 | 640.5 | 640.2 | 640.0 | 639.7 | 639.8 |
| 140° | 657.9 | 658.2 | 658.5 | 658.8 | 659.0 | 659.1 | 658.9 | 658.9 | 658.7 | 658.5 | 658.9 |
| 142.5° | 676.3 | 676.4 | 676.6 | 676.8 | 676.9 | 677.1 | 677.3 | 677.5 | 677.7 | 677.9 | 677.9 |
| 145° | 703.1 | 703.5 | 703.7 | 704.0 | 704.3 | 704.4 | 704.4 | 704.4 | 704.4 | 704.4 | 704.6 |
| 147.5° | 726.7 | 726.7 | 726.6 | 726.5 | 726.5 | 726.5 | 726.7 | 726.8 | 727.1 | 727.2 | 727.4 |
| 150° | 741.6 | 741.3 | 741.0 | 740.8 | 740.5 | 740.5 | 740.8 | 741.0 | 741.3 | 741.6 | 741.9 |
| 152.5° | 756.0 | 755.3 | 754.7 | 754.2 | 753.5 | 753.4 | 753.6 | 753.9 | 754.2 | 754.5 | 754.7 |
| 155° | 774.4 | 773.6 | 772.8 | 771.9 | 771.1 | 770.8 | 771.1 | 771.3 | 771.7 | 771.9 | 772.3 |
| 157.5° | 788.6 | 788.1 | 787.7 | 787.2 | 786.6 | 786.4 | 786.5 | 786.5 | 786.5 | 786.6 | 787.0 |
| 160° | 798.6 | 797.7 | 796.9 | 796.1 | 795.3 | 795.0 | 795.0 | 795.2 | 795.4 | 795.4 | 796.0 |
| 162.5° | 806.5 | 805.6 | 804.9 | 804.0 | 803.2 | 802.9 | 803.0 | 803.1 | 803.3 | 803.4 | 804.1 |
| 165° | 817.1 | 816.3 | 815.5 | 814.7 | 813.8 | 813.5 | 813.7 | 813.8 | 813.9 | 814.0 | 814.9 |
| 167.5° | 825.1 | 824.3 | 823.4 | 822.5 | 821.7 | 821.3 | 821.4 | 821.6 | 821.7 | 821.9 | 822.8 |
| 170° | 829.6 | 828.5 | 827.6 | 826.6 | 825.7 | 825.3 | 825.4 | 825.5 | 825.7 | 825.9 | 827.0 |
| 172.5° | 832.5 | 831.6 | 830.6 | 829.7 | 828.6 | 828.3 | 828.5 | 828.8 | 829.0 | 829.3 | 830.3 |
| 175° | 835.8 | 834.9 | 834.1 | 833.3 | 832.4 | 832.1 | 832.2 | 832.3 | 832.5 | 832.7 | 833.8 |
| 177.5° | 837.3 | 836.5 | 835.9 | 835.3 | 834.6 | 834.3 | 834.4 | 834.5 | 834.6 | 834.7 | 835.5 |
| 180° | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 |



TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 | 1561.2 |
| 2.5° | 1556.6 | 1558.9 | 1561.1 | 1562.0 | 1561.9 | 1561.6 | 1561.4 | 1561.2 |
| 5° | 1548.8 | 1551.3 | 1553.8 | 1554.9 | 1554.6 | 1554.3 | 1554.0 | 1553.8 |
| 7.5° | 1533.1 | 1535.6 | 1537.9 | 1539.1 | 1538.8 | 1538.5 | 1538.3 | 1537.9 |
| 10° | 1519.9 | 1522.1 | 1524.2 | 1525.2 | 1525.0 | 1524.6 | 1524.4 | 1524.2 |
| 12.5° | 1502.2 | 1504.0 | 1505.7 | 1506.6 | 1506.5 | 1506.4 | 1506.4 | 1506.3 |
| 15° | 1471.3 | 1472.7 | 1474.0 | 1474.7 | 1474.7 | 1474.7 | 1474.7 | 1474.7 |
| 17.5° | 1435.4 | 1437.1 | 1438.8 | 1438.9 | 1437.6 | 1436.2 | 1434.8 | 1433.5 |
| 20° | 1408.2 | 1410.1 | 1412.0 | 1412.3 | 1410.9 | 1409.5 | 1408.2 | 1406.8 |
| 22.5° | 1377.2 | 1378.5 | 1379.7 | 1379.9 | 1379.0 | 1378.0 | 1377.1 | 1376.2 |
| 25° | 1327.6 | 1328.2 | 1328.7 | 1328.6 | 1327.8 | 1326.9 | 1326.1 | 1325.2 |
| 27.5° | 1275.6 | 1275.7 | 1275.8 | 1275.4 | 1274.6 | 1273.8 | 1273.0 | 1272.2 |
| 30° | 1237.7 | 1237.2 | 1236.6 | 1236.0 | 1235.1 | 1234.3 | 1233.4 | 1232.6 |
| 32.5° | 1199.3 | 1198.3 | 1197.3 | 1196.0 | 1194.6 | 1193.1 | 1191.6 | 1190.2 |
| 35° | 1139.7 | 1138.4 | 1137.0 | 1135.2 | 1133.0 | 1130.8 | 1128.6 | 1126.4 |
| 37.5° | 1077.1 | 1075.1 | 1073.1 | 1071.4 | 1070.2 | 1068.9 | 1067.6 | 1066.4 |
| 40° | 1033.8 | 1031.3 | 1028.8 | 1027.2 | 1026.4 | 1025.6 | 1024.7 | 1023.9 |
| 42.5° | 990.8 | 988.5 | 986.3 | 984.5 | 983.3 | 982.0 | 980.7 | 979.5 |
| 45° | 927.2 | 923.8 | 920.6 | 918.5 | 917.7 | 916.9 | 916.0 | 915.2 |
| 47.5° | 860.1 | 856.7 | 853.4 | 850.8 | 848.8 | 846.9 | 845.0 | 843.1 |
| 50° | 814.2 | 810.6 | 807.1 | 804.3 | 802.4 | 800.5 | 798.6 | 796.6 |
| 52.5° | 769.6 | 766.5 | 763.3 | 760.7 | 758.6 | 756.5 | 754.3 | 752.2 |
| 55° | 700.3 | 697.8 | 695.4 | 693.2 | 691.3 | 689.4 | 687.4 | 685.5 |
| 57.5° | 631.4 | 628.3 | 625.1 | 623.0 | 621.9 | 620.9 | 619.8 | 618.8 |
| 60° | 584.9 | 582.2 | 579.4 | 577.1 | 575.1 | 573.2 | 571.3 | 569.4 |
| 62.5° | 540.0 | 537.0 | 534.1 | 531.9 | 530.4 | 528.9 | 527.4 | 525.9 |
| 65° | 469.4 | 466.8 | 464.4 | 462.6 | 461.5 | 460.4 | 459.3 | 458.2 |
| 67.5° | 402.0 | 399.8 | 397.8 | 396.4 | 395.7 | 395.1 | 394.4 | 393.7 |
| 70° | 357.4 | 355.7 | 354.0 | 352.7 | 351.6 | 350.5 | 349.4 | 348.3 |
| 72.5° | 315.4 | 313.5 | 311.7 | 310.2 | 309.1 | 308.0 | 306.9 | 305.8 |
| 75° | 250.3 | 249.5 | 248.7 | 247.7 | 246.6 | 245.5 | 244.4 | 243.3 |
| 77.5° | 190.7 | 190.2 | 189.7 | 189.1 | 188.3 | 187.5 | 186.8 | 186.0 |
| 80° | 152.6 | 152.3 | 152.0 | 151.6 | 151.1 | 150.5 | 150.0 | 149.5 |
| 82.5° | 116.6 | 116.1 | 115.6 | 115.3 | 115.2 | 115.1 | 114.9 | 114.9 |
| 85° | 68.6 | 68.4 | 68.0 | 67.7 | 67.1 | 66.5 | 66.0 | 65.4 |
| 87.5° | 28.0 | 28.1 | 28.2 | 28.1 | 27.7 | 27.4 | 27.0 | 26.7 |
| 90° | 11.3 | 12.0 | 12.7 | 13.2 | 13.6 | 14.0 | 14.4 | 14.9 |
| 92.5° | 11.3 | 12.0 | 12.7 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 |
| 95° | 11.3 | 12.0 | 12.7 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| 97.5° | 22.7 | 18.9 | 15.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| 100° | 66.8 | 46.3 | 25.7 | 15.2 | 14.7 | 14.1 | 13.5 | 13.0 |
| 102.5° | 129.8 | 125.9 | 122.0 | 115.4 | 106.0 | 96.6 | 87.3 | 78.0 |
| 105° | 184.6 | 184.6 | 184.6 | 184.6 | 184.4 | 184.3 | 184.1 | 184.0 |
| 107.5° | 233.8 | 233.8 | 233.8 | 233.6 | 233.2 | 232.7 | 232.3 | 232.0 |
| 110° | 265.5 | 265.1 | 264.7 | 264.6 | 264.7 | 264.9 | 265.0 | 265.1 |



TEST NUMBER: P333319-927

CATALOG NUMBER: S125DIP-S1270D810U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 297.1 | 296.5 | 296.0 | 295.6 | 295.5 | 295.2 | 295.1 | 294.9 |
| 115° | 344.6 | 344.0 | 343.5 | 342.8 | 342.0 | 341.1 | 340.3 | 339.5 |
| 117.5° | 390.5 | 389.8 | 389.0 | 388.5 | 388.2 | 387.8 | 387.5 | 387.1 |
| 120° | 420.1 | 419.9 | 419.5 | 419.1 | 418.4 | 417.7 | 417.0 | 416.3 |
| 122.5° | 448.4 | 448.1 | 447.8 | 447.3 | 446.5 | 445.7 | 444.9 | 444.1 |
| 125° | 489.6 | 489.0 | 488.5 | 488.0 | 487.6 | 487.1 | 486.7 | 486.3 |
| 127.5° | 527.2 | 527.0 | 526.6 | 525.9 | 525.0 | 523.9 | 522.9 | 521.9 |
| 130° | 551.8 | 551.4 | 551.0 | 550.4 | 549.7 | 549.1 | 548.3 | 547.6 |
| 132.5° | 574.7 | 574.6 | 574.6 | 574.2 | 573.5 | 572.8 | 572.1 | 571.5 |
| 135° | 608.5 | 608.2 | 607.9 | 607.4 | 606.5 | 605.7 | 604.8 | 604.0 |
| 137.5° | 639.8 | 639.8 | 639.9 | 639.6 | 638.9 | 638.2 | 637.5 | 636.8 |
| 140° | 659.1 | 659.4 | 659.7 | 659.4 | 658.5 | 657.7 | 656.9 | 656.1 |
| 142.5° | 678.0 | 678.0 | 678.1 | 677.7 | 676.9 | 676.0 | 675.3 | 674.4 |
| 145° | 704.6 | 704.8 | 705.0 | 704.6 | 703.8 | 703.0 | 702.1 | 701.3 |
| 147.5° | 727.5 | 727.7 | 727.9 | 727.5 | 726.4 | 725.5 | 724.5 | 723.5 |
| 150° | 742.1 | 742.4 | 742.7 | 742.3 | 741.2 | 740.1 | 738.9 | 737.8 |
| 152.5° | 755.0 | 755.3 | 755.6 | 755.2 | 754.2 | 753.2 | 752.3 | 751.2 |
| 155° | 772.8 | 773.2 | 773.6 | 773.2 | 772.1 | 771.0 | 769.9 | 768.8 |
| 157.5° | 787.4 | 787.9 | 788.3 | 788.0 | 786.9 | 785.8 | 784.7 | 783.5 |
| 160° | 796.5 | 797.1 | 797.6 | 797.4 | 796.3 | 795.2 | 794.1 | 793.0 |
| 162.5° | 804.9 | 805.7 | 806.4 | 806.3 | 805.0 | 803.8 | 802.6 | 801.5 |
| 165° | 815.7 | 816.5 | 817.4 | 817.2 | 816.1 | 815.0 | 813.9 | 812.8 |
| 167.5° | 823.9 | 824.8 | 825.9 | 825.7 | 824.4 | 823.2 | 822.0 | 820.8 |
| 170° | 828.0 | 829.1 | 830.2 | 830.1 | 828.9 | 827.7 | 826.4 | 825.2 |
| 172.5° | 831.2 | 832.3 | 833.3 | 833.1 | 831.9 | 830.7 | 829.4 | 828.1 |
| 175° | 834.8 | 835.9 | 837.0 | 836.9 | 835.8 | 834.5 | 833.3 | 832.0 |
| 177.5° | 836.3 | 837.0 | 837.8 | 837.8 | 836.9 | 836.0 | 835.1 | 834.2 |
| 180° | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 | 835.8 |

(END OF REPORT)