

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: P333211-927

Luminaire Tested: **S125DIP-S850D365U927-4F0-1E-UDD-F**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333211-927
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-S850D365U927-4F0-1E-UDD-F
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3866.9 lumens
Efficiency: N/A
Efficacy: 110.5 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

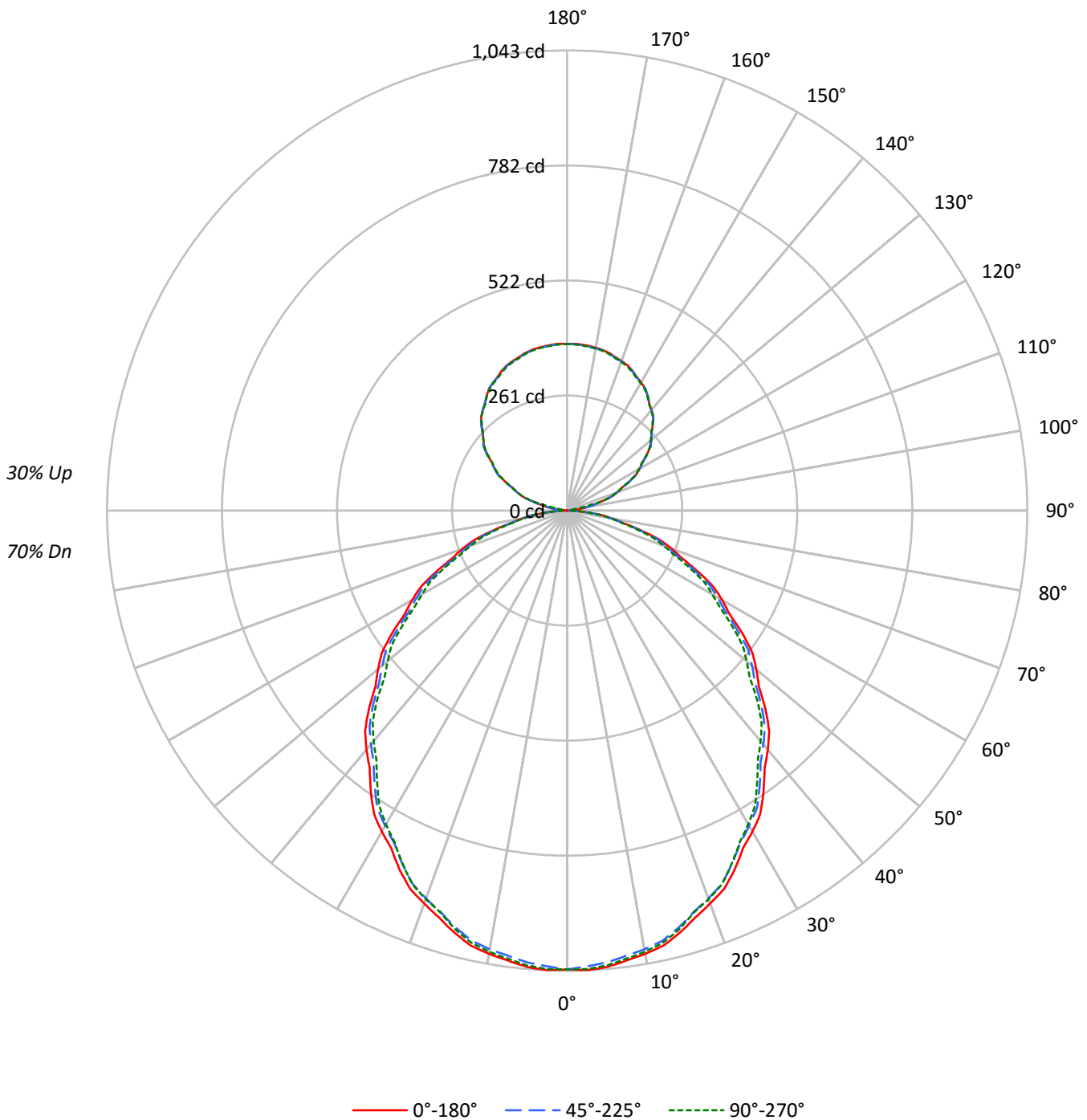
Input Watts (W): 35
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-UDD-F

Luminous Intensity Polar Plot





TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-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 | 112 | 112 | 112 | 112 | 106 | 106 | 106 | 106 | 94 | 94 | 94 | 84 | 84 | 84 | 74 | 74 | 74 | 70 |
| 1 | 102 | 98 | 94 | 90 | 96 | 93 | 89 | 86 | 83 | 80 | 78 | 74 | 72 | 70 | 66 | 64 | 63 | 59 |
| 2 | 93 | 85 | 79 | 73 | 88 | 81 | 75 | 70 | 73 | 68 | 64 | 65 | 61 | 58 | 58 | 55 | 53 | 49 |
| 3 | 85 | 75 | 67 | 61 | 80 | 71 | 64 | 59 | 64 | 59 | 54 | 57 | 53 | 49 | 51 | 48 | 45 | 42 |
| 4 | 78 | 66 | 58 | 52 | 73 | 63 | 56 | 50 | 57 | 51 | 46 | 51 | 46 | 42 | 46 | 42 | 39 | 36 |
| 5 | 71 | 59 | 51 | 45 | 67 | 56 | 49 | 43 | 51 | 45 | 40 | 46 | 41 | 37 | 41 | 37 | 34 | 31 |
| 6 | 66 | 53 | 45 | 39 | 62 | 51 | 43 | 38 | 46 | 40 | 35 | 42 | 36 | 32 | 37 | 33 | 30 | 27 |
| 7 | 61 | 48 | 40 | 34 | 58 | 46 | 38 | 33 | 42 | 35 | 31 | 38 | 33 | 29 | 34 | 30 | 26 | 24 |
| 8 | 57 | 44 | 36 | 30 | 54 | 42 | 35 | 29 | 38 | 32 | 27 | 35 | 29 | 26 | 31 | 27 | 24 | 22 |
| 9 | 53 | 40 | 32 | 27 | 50 | 38 | 31 | 26 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 21 | 19 |
| 10 | 50 | 37 | 30 | 25 | 47 | 35 | 28 | 24 | 32 | 26 | 22 | 30 | 25 | 21 | 27 | 23 | 20 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 6716 | 6716 | 6716 |
| 5° | 6731 | 6667 | 6710 |
| 10° | 6690 | 6620 | 6658 |
| 15° | 6618 | 6540 | 6568 |
| 20° | 6514 | 6429 | 6441 |
| 25° | 6402 | 6297 | 6291 |
| 30° | 6264 | 6154 | 6123 |
| 35° | 6117 | 6000 | 5916 |
| 40° | 5966 | 5833 | 5751 |
| 45° | 5802 | 5681 | 5569 |
| 50° | 5621 | 5497 | 5332 |
| 55° | 5447 | 5290 | 5141 |
| 60° | 5239 | 5079 | 4899 |
| 65° | 4991 | 4828 | 4664 |
| 70° | 4755 | 4538 | 4381 |
| 75° | 4332 | 4190 | 4045 |
| 80° | 3857 | 3794 | 3704 |
| 85° | 3349 | 3416 | 3231 |



TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-UDD-F

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 98.1 | 2.5 |
| 10°-20° | 277.0 | 7.2 |
| 20°-30° | 409.0 | 10.6 |
| 30°-40° | 477.2 | 12.3 |
| 40°-50° | 479.3 | 12.4 |
| 50°-60° | 420.7 | 10.9 |
| 60°-70° | 313.5 | 8.1 |
| 70°-80° | 179.3 | 4.6 |
| 80°-90° | 52.9 | 1.4 |
| 90°-100° | 13.7 | 0.4 |
| 100°-110° | 84.6 | 2.2 |
| 110°-120° | 153.4 | 4.0 |
| 120°-130° | 196.9 | 5.1 |
| 130°-140° | 211.8 | 5.5 |
| 140°-150° | 198.8 | 5.1 |
| 150°-160° | 160.8 | 4.2 |
| 160°-170° | 104.0 | 2.7 |
| 170°-180° | 35.9 | 0.9 |
| 0°-30° | 784.0 | 20.3 |
| 0°-40° | 1261.2 | 32.6 |
| 0°-60° | 2161.2 | 55.9 |
| 0°-90° | 2706.9 | 70.0 |
| 90°-120° | 251.8 | 6.5 |
| 90°-150° | 859.3 | 22.2 |
| 90°-180° | 1160.0 | 30.0 |
| 0°-180° | 3866.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 1040 | 1040 | 1040 | 1040 | 1040 | |
| 5° | 1038 | 1036 | 1028 | 1035 | 1035 | 98 |
| 15° | 990 | 987 | 978 | 982 | 982 | 279 |
| 25° | 898 | 894 | 884 | 885 | 883 | 413 |
| 35° | 776 | 772 | 761 | 757 | 750 | 485 |
| 45° | 635 | 631 | 622 | 612 | 610 | 489 |
| 55° | 484 | 481 | 470 | 462 | 457 | 432 |
| 65° | 327 | 325 | 316 | 309 | 305 | 324 |
| 75° | 174 | 172 | 168 | 165 | 162 | 185 |
| 85° | 45 | 46 | 46 | 45 | 44 | 51 |
| 90° | 0 | 3 | 4 | 6 | 7 | 3 |
| 95° | 16 | 15 | 4 | 6 | 6 | 20 |
| 105° | 82 | 83 | 83 | 83 | 83 | 87 |
| 115° | 155 | 156 | 156 | 155 | 153 | 153 |
| 125° | 220 | 222 | 222 | 221 | 220 | 196 |
| 135° | 274 | 276 | 275 | 275 | 273 | 211 |
| 145° | 318 | 318 | 318 | 319 | 317 | 199 |
| 155° | 350 | 348 | 349 | 350 | 348 | 161 |
| 165° | 369 | 368 | 368 | 369 | 367 | 104 |
| 175° | 378 | 376 | 376 | 378 | 376 | 36 |
| 180° | 378 | 378 | 378 | 378 | 378 | |



TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 |
| 2.5° | 1042.6 | 1042.1 | 1041.7 | 1041.2 | 1040.8 | 1039.8 | 1038.4 | 1037.0 | 1035.5 | 1034.0 | 1035.5 |
| 5° | 1038.3 | 1037.9 | 1037.5 | 1037.2 | 1036.8 | 1035.7 | 1033.9 | 1032.1 | 1030.2 | 1028.4 | 1030.1 |
| 7.5° | 1028.7 | 1028.4 | 1028.0 | 1027.6 | 1027.3 | 1026.1 | 1024.1 | 1022.1 | 1020.1 | 1018.0 | 1019.6 |
| 10° | 1020.2 | 1019.9 | 1019.5 | 1019.1 | 1018.7 | 1017.6 | 1015.5 | 1013.5 | 1011.5 | 1009.5 | 1011.0 |
| 12.5° | 1009.6 | 1009.0 | 1008.4 | 1007.7 | 1007.0 | 1005.8 | 1003.9 | 1002.0 | 1000.1 | 998.3 | 999.5 |
| 15° | 989.8 | 989.2 | 988.6 | 988.1 | 987.5 | 986.3 | 984.3 | 982.2 | 980.2 | 978.2 | 979.1 |
| 17.5° | 966.9 | 966.1 | 965.3 | 964.5 | 963.7 | 962.2 | 960.1 | 958.1 | 955.9 | 953.9 | 955.0 |
| 20° | 947.8 | 947.5 | 947.1 | 946.7 | 946.3 | 944.9 | 942.5 | 940.2 | 937.8 | 935.4 | 936.8 |
| 22.5° | 928.7 | 928.0 | 927.4 | 926.7 | 926.1 | 924.6 | 922.4 | 920.1 | 917.9 | 915.7 | 916.6 |
| 25° | 898.4 | 897.5 | 896.6 | 895.6 | 894.8 | 893.1 | 890.7 | 888.4 | 886.0 | 883.6 | 884.0 |
| 27.5° | 863.0 | 862.5 | 862.0 | 861.4 | 860.9 | 859.4 | 856.9 | 854.4 | 852.0 | 849.5 | 849.6 |
| 30° | 840.0 | 839.5 | 838.9 | 838.4 | 837.8 | 836.1 | 833.5 | 830.7 | 827.9 | 825.2 | 824.8 |
| 32.5° | 815.0 | 814.1 | 813.3 | 812.5 | 811.7 | 810.0 | 807.6 | 805.1 | 802.6 | 800.2 | 799.5 |
| 35° | 775.9 | 775.1 | 774.4 | 773.6 | 772.9 | 771.3 | 768.7 | 766.1 | 763.6 | 761.0 | 760.1 |
| 37.5° | 735.2 | 734.3 | 733.3 | 732.5 | 731.5 | 729.8 | 727.5 | 725.0 | 722.6 | 720.3 | 718.8 |
| 40° | 707.6 | 706.6 | 705.8 | 704.8 | 703.9 | 702.2 | 699.6 | 697.0 | 694.5 | 691.9 | 690.3 |
| 42.5° | 677.9 | 677.2 | 676.4 | 675.7 | 674.9 | 673.2 | 670.7 | 668.0 | 665.5 | 663.0 | 661.5 |
| 45° | 635.2 | 634.4 | 633.7 | 633.0 | 632.2 | 630.7 | 628.6 | 626.4 | 624.2 | 622.0 | 619.8 |
| 47.5° | 589.1 | 589.1 | 589.1 | 589.1 | 589.2 | 588.0 | 585.3 | 582.7 | 580.0 | 577.4 | 575.1 |
| 50° | 559.4 | 558.9 | 558.3 | 557.8 | 557.3 | 555.9 | 553.7 | 551.5 | 549.3 | 547.1 | 544.7 |
| 52.5° | 529.2 | 528.8 | 528.4 | 528.0 | 527.6 | 526.2 | 523.9 | 521.5 | 519.2 | 516.8 | 514.8 |
| 55° | 483.8 | 483.2 | 482.7 | 482.1 | 481.6 | 480.0 | 477.4 | 474.9 | 472.3 | 469.8 | 468.1 |
| 57.5° | 435.9 | 435.6 | 435.3 | 435.0 | 434.7 | 433.5 | 431.3 | 429.2 | 427.0 | 424.8 | 422.7 |
| 60° | 405.6 | 404.9 | 404.2 | 403.4 | 402.7 | 401.3 | 399.3 | 397.3 | 395.3 | 393.2 | 391.4 |
| 62.5° | 374.0 | 373.4 | 372.9 | 372.2 | 371.7 | 370.5 | 368.8 | 367.1 | 365.4 | 363.6 | 361.7 |
| 65° | 326.6 | 326.2 | 325.9 | 325.5 | 325.2 | 324.0 | 321.9 | 320.0 | 317.9 | 315.9 | 314.3 |
| 67.5° | 280.7 | 280.0 | 279.2 | 278.4 | 277.7 | 276.5 | 275.0 | 273.5 | 272.0 | 270.5 | 269.1 |
| 70° | 251.8 | 250.8 | 249.9 | 249.0 | 248.1 | 246.8 | 245.2 | 243.5 | 241.9 | 240.3 | 239.2 |
| 72.5° | 220.1 | 219.5 | 218.9 | 218.3 | 217.7 | 216.8 | 215.8 | 214.7 | 213.7 | 212.6 | 211.4 |
| 75° | 173.6 | 173.3 | 172.9 | 172.5 | 172.1 | 171.5 | 170.6 | 169.7 | 168.7 | 167.9 | 167.3 |
| 77.5° | 130.6 | 130.5 | 130.4 | 130.2 | 130.1 | 129.8 | 129.2 | 128.7 | 128.2 | 127.7 | 127.4 |
| 80° | 103.7 | 103.7 | 103.7 | 103.7 | 103.7 | 103.5 | 103.1 | 102.7 | 102.3 | 102.0 | 101.9 |
| 82.5° | 79.9 | 79.7 | 79.4 | 79.1 | 78.8 | 78.6 | 78.5 | 78.5 | 78.4 | 78.3 | 78.0 |
| 85° | 45.2 | 45.5 | 45.6 | 45.8 | 45.9 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 45.9 |
| 87.5° | 17.8 | 17.9 | 18.1 | 18.1 | 18.2 | 18.2 | 18.2 | 18.1 | 18.1 | 18.0 | 18.1 |
| 90° | 0.3 | 0.8 | 1.3 | 1.7 | 2.3 | 2.8 | 3.2 | 3.6 | 4.0 | 4.5 | 4.8 |
| 92.5° | 4.3 | 4.0 | 3.6 | 3.2 | 2.9 | 2.9 | 3.3 | 3.7 | 4.1 | 4.5 | 4.8 |
| 95° | 15.9 | 15.8 | 15.6 | 15.4 | 15.2 | 13.9 | 11.6 | 9.2 | 6.8 | 4.5 | 4.8 |
| 97.5° | 33.4 | 33.7 | 34.0 | 34.3 | 34.7 | 32.5 | 27.8 | 23.1 | 18.5 | 13.8 | 12.0 |
| 100° | 46.7 | 47.0 | 47.1 | 47.3 | 47.5 | 47.7 | 48.0 | 48.2 | 48.5 | 48.7 | 39.5 |
| 102.5° | 60.4 | 60.7 | 60.9 | 61.2 | 61.4 | 61.6 | 61.7 | 61.9 | 62.0 | 62.2 | 60.4 |
| 105° | 82.3 | 82.5 | 82.9 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| 107.5° | 105.0 | 105.0 | 105.0 | 105.0 | 105.0 | 105.1 | 105.3 | 105.4 | 105.5 | 105.6 | 105.6 |
| 110° | 119.9 | 119.9 | 119.9 | 119.9 | 119.9 | 119.9 | 120.0 | 120.2 | 120.3 | 120.4 | 120.3 |



TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 133.7 | 133.9 | 134.0 | 134.2 | 134.4 | 134.4 | 134.5 | 134.6 | 134.7 | 134.8 | 134.5 |
| 115° | 154.6 | 154.9 | 155.2 | 155.5 | 155.8 | 156.0 | 156.1 | 156.1 | 156.2 | 156.2 | 156.0 |
| 117.5° | 176.1 | 176.1 | 176.1 | 176.1 | 176.1 | 176.2 | 176.4 | 176.7 | 176.9 | 177.1 | 176.8 |
| 120° | 189.6 | 189.5 | 189.5 | 189.4 | 189.3 | 189.4 | 189.6 | 189.7 | 190.0 | 190.1 | 190.0 |
| 122.5° | 201.5 | 201.7 | 201.9 | 202.2 | 202.4 | 202.6 | 202.6 | 202.7 | 202.8 | 202.9 | 202.8 |
| 125° | 219.8 | 220.2 | 220.7 | 221.1 | 221.6 | 221.8 | 221.8 | 221.8 | 221.8 | 221.8 | 221.5 |
| 127.5° | 237.3 | 237.7 | 238.0 | 238.3 | 238.6 | 238.8 | 238.7 | 238.7 | 238.6 | 238.6 | 238.4 |
| 130° | 248.1 | 248.4 | 248.7 | 249.1 | 249.4 | 249.5 | 249.6 | 249.6 | 249.7 | 249.8 | 249.6 |
| 132.5° | 258.9 | 259.2 | 259.6 | 259.9 | 260.3 | 260.4 | 260.3 | 260.2 | 260.0 | 259.8 | 259.8 |
| 135° | 274.2 | 274.5 | 274.9 | 275.3 | 275.6 | 275.8 | 275.6 | 275.5 | 275.4 | 275.3 | 275.1 |
| 137.5° | 288.2 | 288.5 | 288.8 | 289.1 | 289.5 | 289.6 | 289.5 | 289.4 | 289.2 | 289.1 | 289.1 |
| 140° | 297.4 | 297.5 | 297.6 | 297.8 | 297.9 | 297.9 | 297.9 | 297.8 | 297.7 | 297.7 | 297.8 |
| 142.5° | 305.7 | 305.8 | 305.9 | 305.9 | 305.9 | 306.0 | 306.2 | 306.3 | 306.3 | 306.4 | 306.4 |
| 145° | 317.8 | 318.0 | 318.1 | 318.2 | 318.3 | 318.4 | 318.4 | 318.4 | 318.4 | 318.4 | 318.5 |
| 147.5° | 328.4 | 328.4 | 328.4 | 328.4 | 328.4 | 328.4 | 328.4 | 328.5 | 328.6 | 328.7 | 328.8 |
| 150° | 335.2 | 335.1 | 334.9 | 334.8 | 334.7 | 334.7 | 334.8 | 334.9 | 335.1 | 335.2 | 335.3 |
| 152.5° | 341.7 | 341.4 | 341.1 | 340.9 | 340.6 | 340.5 | 340.6 | 340.8 | 340.9 | 341.0 | 341.1 |
| 155° | 350.1 | 349.7 | 349.3 | 348.9 | 348.6 | 348.4 | 348.6 | 348.6 | 348.8 | 348.9 | 349.1 |
| 157.5° | 356.5 | 356.2 | 356.0 | 355.8 | 355.6 | 355.5 | 355.5 | 355.5 | 355.5 | 355.5 | 355.7 |
| 160° | 360.9 | 360.6 | 360.2 | 359.8 | 359.5 | 359.3 | 359.3 | 359.4 | 359.5 | 359.6 | 359.8 |
| 162.5° | 364.6 | 364.2 | 363.8 | 363.4 | 363.1 | 362.9 | 363.0 | 363.0 | 363.1 | 363.1 | 363.5 |
| 165° | 369.3 | 369.0 | 368.6 | 368.2 | 367.9 | 367.7 | 367.7 | 367.8 | 367.9 | 368.0 | 368.3 |
| 167.5° | 373.0 | 372.6 | 372.2 | 371.8 | 371.4 | 371.2 | 371.3 | 371.4 | 371.5 | 371.5 | 371.9 |
| 170° | 374.9 | 374.5 | 374.1 | 373.7 | 373.2 | 373.0 | 373.1 | 373.1 | 373.2 | 373.3 | 373.8 |
| 172.5° | 376.3 | 375.9 | 375.4 | 375.0 | 374.5 | 374.4 | 374.5 | 374.6 | 374.7 | 374.9 | 375.3 |
| 175° | 377.7 | 377.4 | 377.0 | 376.6 | 376.3 | 376.1 | 376.1 | 376.2 | 376.3 | 376.4 | 376.8 |
| 177.5° | 378.4 | 378.1 | 377.8 | 377.6 | 377.2 | 377.1 | 377.2 | 377.2 | 377.2 | 377.3 | 377.6 |
| 180° | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 |



TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 | 1039.9 |
| 2.5° | 1037.0 | 1038.4 | 1039.8 | 1040.5 | 1040.4 | 1040.2 | 1040.1 | 1039.9 |
| 5° | 1031.7 | 1033.3 | 1035.0 | 1035.7 | 1035.5 | 1035.4 | 1035.1 | 1035.0 |
| 7.5° | 1021.3 | 1022.9 | 1024.5 | 1025.2 | 1025.0 | 1024.8 | 1024.6 | 1024.5 |
| 10° | 1012.4 | 1013.9 | 1015.3 | 1016.0 | 1015.8 | 1015.6 | 1015.4 | 1015.3 |
| 12.5° | 1000.6 | 1001.8 | 1003.0 | 1003.5 | 1003.5 | 1003.5 | 1003.5 | 1003.4 |
| 15° | 980.1 | 981.0 | 981.9 | 982.3 | 982.3 | 982.3 | 982.3 | 982.3 |
| 17.5° | 956.2 | 957.3 | 958.4 | 958.5 | 957.6 | 956.7 | 955.8 | 954.9 |
| 20° | 938.0 | 939.3 | 940.6 | 940.7 | 939.8 | 938.9 | 938.0 | 937.1 |
| 22.5° | 917.3 | 918.2 | 919.1 | 919.2 | 918.5 | 917.9 | 917.3 | 916.7 |
| 25° | 884.3 | 884.7 | 885.1 | 884.9 | 884.5 | 883.9 | 883.4 | 882.8 |
| 27.5° | 849.7 | 849.8 | 849.9 | 849.6 | 849.1 | 848.5 | 848.0 | 847.4 |
| 30° | 824.5 | 824.1 | 823.7 | 823.3 | 822.8 | 822.2 | 821.7 | 821.1 |
| 32.5° | 798.8 | 798.2 | 797.6 | 796.7 | 795.7 | 794.7 | 793.8 | 792.8 |
| 35° | 759.2 | 758.3 | 757.4 | 756.2 | 754.7 | 753.3 | 751.8 | 750.4 |
| 37.5° | 717.5 | 716.1 | 714.8 | 713.7 | 712.9 | 712.0 | 711.2 | 710.3 |
| 40° | 688.6 | 687.0 | 685.3 | 684.2 | 683.7 | 683.2 | 682.6 | 682.1 |
| 42.5° | 660.0 | 658.5 | 657.0 | 655.8 | 655.0 | 654.1 | 653.2 | 652.4 |
| 45° | 617.6 | 615.4 | 613.2 | 611.8 | 611.3 | 610.8 | 610.2 | 609.7 |
| 47.5° | 572.9 | 570.7 | 568.5 | 566.7 | 565.5 | 564.2 | 562.8 | 561.6 |
| 50° | 542.3 | 540.0 | 537.6 | 535.8 | 534.5 | 533.2 | 532.0 | 530.7 |
| 52.5° | 512.7 | 510.6 | 508.5 | 506.8 | 505.3 | 503.9 | 502.5 | 501.1 |
| 55° | 466.5 | 464.9 | 463.2 | 461.8 | 460.4 | 459.1 | 457.9 | 456.6 |
| 57.5° | 420.6 | 418.5 | 416.4 | 414.9 | 414.2 | 413.6 | 412.9 | 412.2 |
| 60° | 389.6 | 387.8 | 386.0 | 384.4 | 383.1 | 381.8 | 380.6 | 379.3 |
| 62.5° | 359.7 | 357.7 | 355.8 | 354.3 | 353.3 | 352.3 | 351.3 | 350.3 |
| 65° | 312.7 | 311.0 | 309.3 | 308.2 | 307.4 | 306.7 | 305.9 | 305.2 |
| 67.5° | 267.8 | 266.3 | 265.0 | 264.0 | 263.6 | 263.2 | 262.7 | 262.3 |
| 70° | 238.1 | 236.9 | 235.8 | 235.0 | 234.2 | 233.5 | 232.7 | 232.0 |
| 72.5° | 210.1 | 208.9 | 207.6 | 206.6 | 205.9 | 205.2 | 204.5 | 203.7 |
| 75° | 166.8 | 166.2 | 165.6 | 165.0 | 164.3 | 163.5 | 162.8 | 162.1 |
| 77.5° | 127.1 | 126.7 | 126.4 | 126.0 | 125.4 | 124.9 | 124.5 | 123.9 |
| 80° | 101.6 | 101.5 | 101.3 | 101.0 | 100.7 | 100.3 | 99.9 | 99.6 |
| 82.5° | 77.6 | 77.3 | 77.0 | 76.8 | 76.8 | 76.7 | 76.6 | 76.5 |
| 85° | 45.7 | 45.6 | 45.3 | 45.1 | 44.7 | 44.4 | 44.0 | 43.6 |
| 87.5° | 18.1 | 18.2 | 18.2 | 18.1 | 17.9 | 17.7 | 17.4 | 17.1 |
| 90° | 5.1 | 5.4 | 5.7 | 5.9 | 6.2 | 6.3 | 6.5 | 6.7 |
| 92.5° | 5.1 | 5.4 | 5.7 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 |
| 95° | 5.1 | 5.4 | 5.7 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 97.5° | 10.3 | 8.5 | 6.7 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 100° | 30.2 | 20.9 | 11.6 | 6.9 | 6.7 | 6.4 | 6.1 | 5.9 |
| 102.5° | 58.6 | 56.9 | 55.1 | 52.1 | 47.9 | 43.7 | 39.5 | 35.3 |
| 105° | 83.4 | 83.4 | 83.4 | 83.4 | 83.3 | 83.3 | 83.3 | 83.2 |
| 107.5° | 105.7 | 105.7 | 105.7 | 105.6 | 105.4 | 105.2 | 105.0 | 104.8 |
| 110° | 120.0 | 119.9 | 119.7 | 119.6 | 119.7 | 119.7 | 119.8 | 119.9 |



TEST NUMBER: P333211-927

CATALOG NUMBER: S125DIP-S850D365U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 134.3 | 134.0 | 133.8 | 133.6 | 133.6 | 133.5 | 133.4 | 133.3 |
| 115° | 155.7 | 155.5 | 155.3 | 155.0 | 154.6 | 154.2 | 153.8 | 153.4 |
| 117.5° | 176.5 | 176.2 | 175.9 | 175.6 | 175.5 | 175.3 | 175.2 | 175.0 |
| 120° | 189.9 | 189.7 | 189.6 | 189.4 | 189.1 | 188.8 | 188.5 | 188.1 |
| 122.5° | 202.6 | 202.6 | 202.4 | 202.2 | 201.8 | 201.5 | 201.1 | 200.7 |
| 125° | 221.3 | 221.0 | 220.8 | 220.5 | 220.4 | 220.2 | 220.0 | 219.8 |
| 127.5° | 238.3 | 238.1 | 238.1 | 237.7 | 237.3 | 236.8 | 236.4 | 235.9 |
| 130° | 249.4 | 249.2 | 249.1 | 248.7 | 248.5 | 248.2 | 247.9 | 247.6 |
| 132.5° | 259.8 | 259.8 | 259.7 | 259.5 | 259.2 | 258.9 | 258.6 | 258.3 |
| 135° | 275.0 | 274.9 | 274.7 | 274.5 | 274.2 | 273.8 | 273.4 | 273.0 |
| 137.5° | 289.2 | 289.2 | 289.2 | 289.1 | 288.8 | 288.4 | 288.1 | 287.8 |
| 140° | 297.9 | 298.0 | 298.2 | 298.0 | 297.7 | 297.3 | 296.9 | 296.5 |
| 142.5° | 306.4 | 306.5 | 306.5 | 306.3 | 305.9 | 305.5 | 305.2 | 304.8 |
| 145° | 318.5 | 318.5 | 318.6 | 318.5 | 318.1 | 317.7 | 317.3 | 317.0 |
| 147.5° | 328.8 | 328.9 | 329.0 | 328.8 | 328.4 | 327.9 | 327.5 | 327.0 |
| 150° | 335.4 | 335.6 | 335.6 | 335.5 | 335.0 | 334.5 | 334.0 | 333.5 |
| 152.5° | 341.3 | 341.4 | 341.5 | 341.4 | 340.9 | 340.5 | 340.0 | 339.5 |
| 155° | 349.3 | 349.4 | 349.7 | 349.5 | 349.0 | 348.5 | 348.0 | 347.5 |
| 157.5° | 355.9 | 356.1 | 356.3 | 356.2 | 355.7 | 355.1 | 354.7 | 354.2 |
| 160° | 360.0 | 360.3 | 360.5 | 360.4 | 359.9 | 359.4 | 358.9 | 358.5 |
| 162.5° | 363.8 | 364.2 | 364.6 | 364.4 | 363.8 | 363.3 | 362.8 | 362.3 |
| 165° | 368.7 | 369.1 | 369.5 | 369.4 | 368.9 | 368.4 | 367.9 | 367.4 |
| 167.5° | 372.4 | 372.8 | 373.3 | 373.2 | 372.6 | 372.1 | 371.5 | 371.0 |
| 170° | 374.2 | 374.8 | 375.3 | 375.3 | 374.7 | 374.1 | 373.5 | 373.0 |
| 172.5° | 375.7 | 376.2 | 376.6 | 376.6 | 376.0 | 375.4 | 374.9 | 374.3 |
| 175° | 377.3 | 377.9 | 378.3 | 378.3 | 377.7 | 377.2 | 376.6 | 376.0 |
| 177.5° | 378.0 | 378.3 | 378.7 | 378.7 | 378.3 | 377.9 | 377.5 | 377.1 |
| 180° | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 | 377.7 |

(END OF REPORT)