

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: P333139-927

Luminaire Tested: **S125DIP-S375D810U927-4F0-1E-UDD-F**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333139-927
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-S375D810U927-4F0-1E-UDD-F
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 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: 3772.3 lumens
Efficiency: N/A
Efficacy: 120.9 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-Indirect

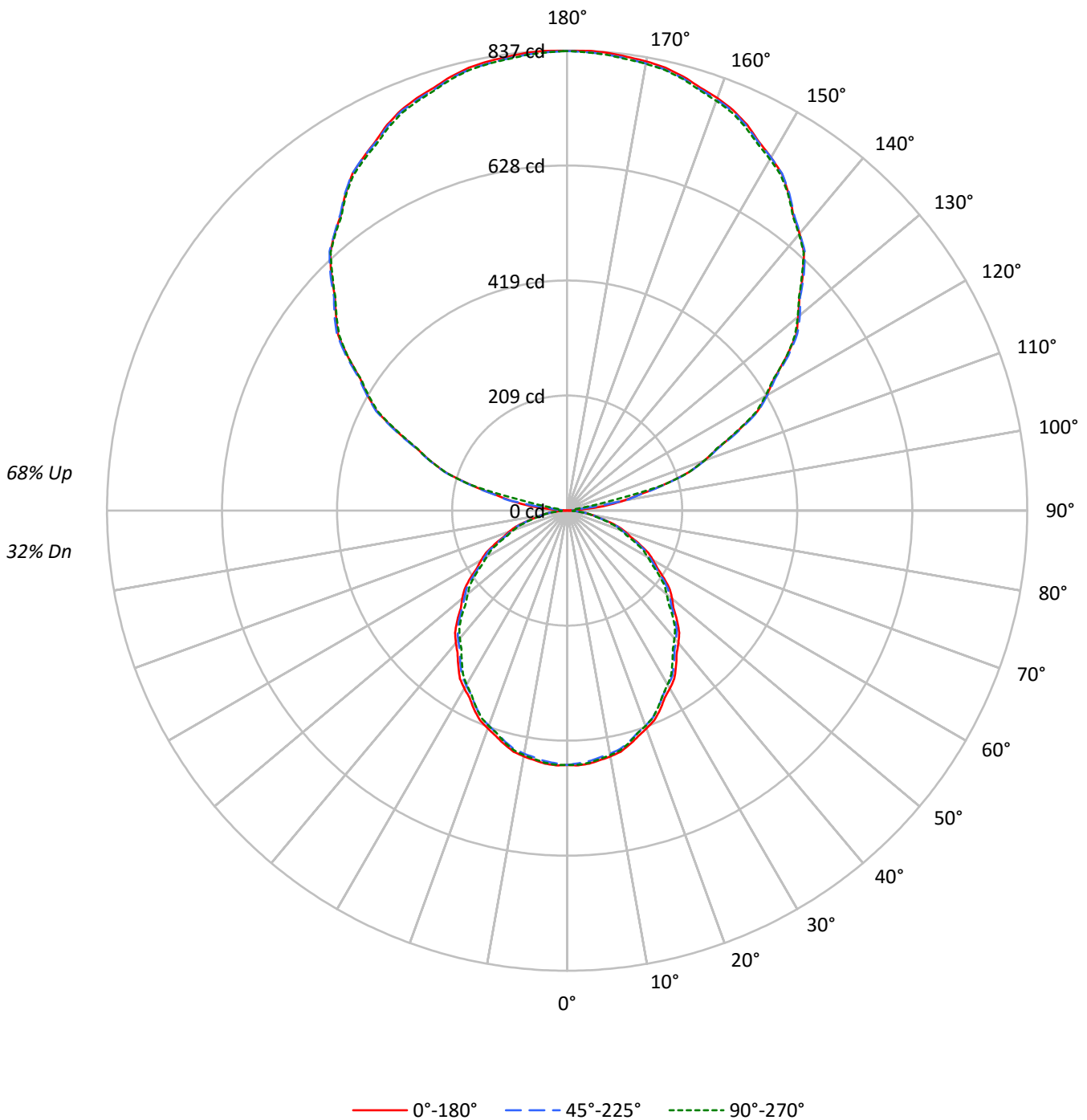
Input Watts (W): 31.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-UDD-F

Luminous Intensity Polar Plot





TEST NUMBER: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-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 | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 73 | 73 | 73 | 56 | 56 | 56 | 40 | 40 | 40 | 32 |
| 1 | 94 | 89 | 86 | 82 | 84 | 81 | 77 | 75 | 64 | 62 | 60 | 49 | 47 | 46 | 35 | 34 | 33 | 27 |
| 2 | 85 | 78 | 72 | 67 | 76 | 70 | 65 | 61 | 56 | 53 | 50 | 43 | 41 | 38 | 31 | 29 | 28 | 22 |
| 3 | 78 | 69 | 61 | 56 | 70 | 62 | 56 | 51 | 49 | 45 | 42 | 38 | 35 | 33 | 27 | 25 | 24 | 19 |
| 4 | 71 | 61 | 53 | 47 | 64 | 55 | 48 | 43 | 44 | 39 | 35 | 34 | 30 | 28 | 24 | 22 | 20 | 16 |
| 5 | 65 | 54 | 46 | 40 | 58 | 49 | 42 | 37 | 39 | 34 | 30 | 30 | 27 | 24 | 22 | 20 | 18 | 14 |
| 6 | 60 | 48 | 40 | 35 | 54 | 44 | 37 | 32 | 35 | 30 | 26 | 27 | 24 | 21 | 20 | 17 | 16 | 12 |
| 7 | 55 | 43 | 36 | 30 | 50 | 39 | 33 | 28 | 32 | 27 | 23 | 25 | 21 | 18 | 18 | 16 | 14 | 11 |
| 8 | 51 | 39 | 32 | 27 | 46 | 36 | 29 | 24 | 29 | 24 | 20 | 22 | 19 | 16 | 16 | 14 | 12 | 10 |
| 9 | 48 | 36 | 28 | 24 | 43 | 32 | 26 | 22 | 26 | 22 | 18 | 21 | 17 | 15 | 15 | 13 | 11 | 9 |
| 10 | 44 | 33 | 26 | 21 | 40 | 30 | 24 | 19 | 24 | 20 | 16 | 19 | 16 | 13 | 14 | 12 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 2989 | 2989 | 2989 |
| 5° | 2995 | 2967 | 2986 |
| 10° | 2977 | 2946 | 2963 |
| 15° | 2945 | 2910 | 2923 |
| 20° | 2899 | 2861 | 2866 |
| 25° | 2849 | 2802 | 2799 |
| 30° | 2788 | 2738 | 2725 |
| 35° | 2722 | 2670 | 2633 |
| 40° | 2655 | 2596 | 2559 |
| 45° | 2582 | 2528 | 2478 |
| 50° | 2502 | 2446 | 2372 |
| 55° | 2423 | 2354 | 2288 |
| 60° | 2331 | 2260 | 2180 |
| 65° | 2222 | 2149 | 2077 |
| 70° | 2115 | 2019 | 1949 |
| 75° | 1926 | 1864 | 1799 |
| 80° | 1715 | 1689 | 1648 |
| 85° | 1489 | 1519 | 1438 |



TEST NUMBER: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-UDD-F

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 43.6 | 1.2 |
| 10°-20° | 123.3 | 3.3 |
| 20°-30° | 182.0 | 4.8 |
| 30°-40° | 212.4 | 5.6 |
| 40°-50° | 213.3 | 5.7 |
| 50°-60° | 187.2 | 5.0 |
| 60°-70° | 139.5 | 3.7 |
| 70°-80° | 79.8 | 2.1 |
| 80°-90° | 24.9 | 0.7 |
| 90°-100° | 30.4 | 0.8 |
| 100°-110° | 187.2 | 5.0 |
| 110°-120° | 339.5 | 9.0 |
| 120°-130° | 435.7 | 11.5 |
| 130°-140° | 468.6 | 12.4 |
| 140°-150° | 439.8 | 11.7 |
| 150°-160° | 355.8 | 9.4 |
| 160°-170° | 230.1 | 6.1 |
| 170°-180° | 79.4 | 2.1 |
| 0°-30° | 348.9 | 9.2 |
| 0°-40° | 561.2 | 14.9 |
| 0°-60° | 961.7 | 25.5 |
| 0°-90° | 1205.9 | 32.0 |
| 90°-120° | 557.0 | 14.8 |
| 90°-150° | 1901.1 | 50.4 |
| 90°-180° | 2566.0 | 68.0 |
| 0°-180° | 3772.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 463 | 463 | 463 | 463 | 463 | |
| 5° | 462 | 461 | 458 | 461 | 461 | 44 |
| 15° | 440 | 439 | 435 | 437 | 437 | 124 |
| 25° | 400 | 398 | 393 | 394 | 393 | 184 |
| 35° | 345 | 344 | 339 | 337 | 334 | 216 |
| 45° | 283 | 281 | 277 | 273 | 271 | 218 |
| 55° | 215 | 214 | 209 | 206 | 203 | 192 |
| 65° | 145 | 144 | 141 | 137 | 136 | 144 |
| 75° | 77 | 76 | 75 | 74 | 72 | 82 |
| 85° | 20 | 20 | 20 | 20 | 19 | 23 |
| 90° | 1 | 6 | 10 | 13 | 15 | 3 |
| 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: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 |
| 2.5° | 463.9 | 463.7 | 463.6 | 463.3 | 463.2 | 462.7 | 462.1 | 461.4 | 460.8 | 460.1 | 460.8 |
| 5° | 462.0 | 461.8 | 461.7 | 461.5 | 461.4 | 460.9 | 460.1 | 459.3 | 458.4 | 457.6 | 458.4 |
| 7.5° | 457.8 | 457.6 | 457.5 | 457.3 | 457.2 | 456.6 | 455.7 | 454.8 | 453.9 | 453.0 | 453.8 |
| 10° | 454.0 | 453.8 | 453.7 | 453.5 | 453.4 | 452.8 | 451.9 | 451.0 | 450.1 | 449.2 | 449.9 |
| 12.5° | 449.3 | 449.0 | 448.7 | 448.5 | 448.1 | 447.6 | 446.7 | 445.9 | 445.0 | 444.3 | 444.7 |
| 15° | 440.5 | 440.2 | 440.0 | 439.7 | 439.4 | 438.9 | 438.0 | 437.1 | 436.2 | 435.3 | 435.7 |
| 17.5° | 430.2 | 429.9 | 429.5 | 429.2 | 428.8 | 428.2 | 427.2 | 426.4 | 425.4 | 424.5 | 425.0 |
| 20° | 421.8 | 421.6 | 421.4 | 421.3 | 421.1 | 420.5 | 419.5 | 418.4 | 417.3 | 416.3 | 416.8 |
| 22.5° | 413.3 | 413.0 | 412.6 | 412.4 | 412.1 | 411.5 | 410.4 | 409.5 | 408.4 | 407.5 | 407.9 |
| 25° | 399.8 | 399.4 | 398.9 | 398.5 | 398.2 | 397.4 | 396.4 | 395.3 | 394.3 | 393.2 | 393.4 |
| 27.5° | 384.0 | 383.8 | 383.6 | 383.3 | 383.1 | 382.4 | 381.4 | 380.2 | 379.1 | 378.0 | 378.1 |
| 30° | 373.8 | 373.6 | 373.3 | 373.0 | 372.8 | 372.1 | 370.9 | 369.6 | 368.4 | 367.2 | 367.0 |
| 32.5° | 362.7 | 362.3 | 361.9 | 361.6 | 361.2 | 360.4 | 359.3 | 358.2 | 357.2 | 356.1 | 355.8 |
| 35° | 345.2 | 344.9 | 344.6 | 344.3 | 344.0 | 343.2 | 342.1 | 341.0 | 339.8 | 338.7 | 338.3 |
| 37.5° | 327.2 | 326.8 | 326.4 | 325.9 | 325.5 | 324.8 | 323.7 | 322.7 | 321.5 | 320.5 | 319.9 |
| 40° | 314.9 | 314.4 | 314.0 | 313.6 | 313.2 | 312.4 | 311.3 | 310.2 | 309.0 | 307.9 | 307.2 |
| 42.5° | 301.7 | 301.3 | 301.0 | 300.6 | 300.3 | 299.6 | 298.4 | 297.3 | 296.1 | 295.0 | 294.4 |
| 45° | 282.7 | 282.3 | 282.0 | 281.7 | 281.3 | 280.7 | 279.7 | 278.8 | 277.7 | 276.8 | 275.8 |
| 47.5° | 262.1 | 262.1 | 262.1 | 262.2 | 262.2 | 261.7 | 260.5 | 259.3 | 258.1 | 256.9 | 256.0 |
| 50° | 249.0 | 248.7 | 248.5 | 248.2 | 248.0 | 247.4 | 246.4 | 245.4 | 244.5 | 243.4 | 242.4 |
| 52.5° | 235.5 | 235.3 | 235.1 | 235.0 | 234.8 | 234.2 | 233.1 | 232.1 | 231.0 | 230.0 | 229.1 |
| 55° | 215.2 | 215.0 | 214.8 | 214.5 | 214.3 | 213.6 | 212.5 | 211.4 | 210.2 | 209.1 | 208.3 |
| 57.5° | 194.0 | 193.8 | 193.7 | 193.6 | 193.5 | 192.9 | 191.9 | 191.0 | 190.0 | 189.1 | 188.1 |
| 60° | 180.5 | 180.1 | 179.8 | 179.5 | 179.2 | 178.6 | 177.7 | 176.8 | 175.9 | 175.0 | 174.2 |
| 62.5° | 166.4 | 166.2 | 165.9 | 165.6 | 165.4 | 164.9 | 164.1 | 163.3 | 162.6 | 161.8 | 161.0 |
| 65° | 145.4 | 145.2 | 145.0 | 144.9 | 144.7 | 144.2 | 143.3 | 142.4 | 141.5 | 140.6 | 139.8 |
| 67.5° | 124.9 | 124.6 | 124.2 | 123.9 | 123.6 | 123.0 | 122.4 | 121.7 | 121.0 | 120.4 | 119.8 |
| 70° | 112.0 | 111.6 | 111.2 | 110.8 | 110.4 | 109.8 | 109.1 | 108.4 | 107.7 | 106.9 | 106.4 |
| 72.5° | 98.0 | 97.7 | 97.4 | 97.1 | 96.9 | 96.5 | 96.0 | 95.5 | 95.1 | 94.6 | 94.0 |
| 75° | 77.2 | 77.1 | 76.9 | 76.8 | 76.6 | 76.3 | 75.9 | 75.5 | 75.1 | 74.7 | 74.5 |
| 77.5° | 58.1 | 58.1 | 58.0 | 57.9 | 57.9 | 57.8 | 57.5 | 57.3 | 57.0 | 56.8 | 56.6 |
| 80° | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.0 | 45.9 | 45.7 | 45.6 | 45.4 | 45.3 |
| 82.5° | 35.6 | 35.5 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 | 34.9 | 34.9 | 34.9 | 34.7 |
| 85° | 20.1 | 20.2 | 20.3 | 20.4 | 20.4 | 20.5 | 20.5 | 20.5 | 20.5 | 20.5 | 20.4 |
| 87.5° | 8.0 | 8.2 | 8.5 | 8.7 | 9.0 | 9.1 | 9.2 | 9.3 | 9.5 | 9.6 | 9.7 |
| 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: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-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: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-UDD-F

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 | 462.8 |
| 2.5° | 461.4 | 462.1 | 462.7 | 463.0 | 463.0 | 462.9 | 462.9 | 462.8 |
| 5° | 459.1 | 459.9 | 460.6 | 460.9 | 460.8 | 460.7 | 460.7 | 460.6 |
| 7.5° | 454.5 | 455.2 | 455.9 | 456.2 | 456.1 | 456.1 | 456.0 | 455.9 |
| 10° | 450.5 | 451.1 | 451.9 | 452.1 | 452.0 | 451.9 | 451.9 | 451.8 |
| 12.5° | 445.3 | 445.8 | 446.3 | 446.6 | 446.6 | 446.6 | 446.6 | 446.5 |
| 15° | 436.1 | 436.5 | 437.0 | 437.1 | 437.1 | 437.1 | 437.1 | 437.1 |
| 17.5° | 425.5 | 426.0 | 426.5 | 426.5 | 426.1 | 425.7 | 425.3 | 424.9 |
| 20° | 417.4 | 418.0 | 418.5 | 418.7 | 418.2 | 417.8 | 417.4 | 417.0 |
| 22.5° | 408.2 | 408.6 | 409.0 | 409.0 | 408.8 | 408.4 | 408.2 | 407.9 |
| 25° | 393.6 | 393.7 | 393.9 | 393.8 | 393.6 | 393.3 | 393.1 | 392.8 |
| 27.5° | 378.1 | 378.1 | 378.2 | 378.1 | 377.8 | 377.6 | 377.3 | 377.1 |
| 30° | 366.9 | 366.7 | 366.5 | 366.4 | 366.1 | 365.9 | 365.6 | 365.4 |
| 32.5° | 355.5 | 355.2 | 354.9 | 354.6 | 354.1 | 353.6 | 353.2 | 352.8 |
| 35° | 337.9 | 337.5 | 337.0 | 336.5 | 335.9 | 335.2 | 334.5 | 333.9 |
| 37.5° | 319.3 | 318.7 | 318.1 | 317.6 | 317.2 | 316.9 | 316.5 | 316.1 |
| 40° | 306.4 | 305.7 | 305.0 | 304.5 | 304.3 | 304.0 | 303.7 | 303.5 |
| 42.5° | 293.7 | 293.0 | 292.3 | 291.8 | 291.4 | 291.0 | 290.7 | 290.3 |
| 45° | 274.8 | 273.9 | 272.9 | 272.3 | 272.0 | 271.8 | 271.6 | 271.3 |
| 47.5° | 254.9 | 254.0 | 252.9 | 252.2 | 251.6 | 251.0 | 250.5 | 249.9 |
| 50° | 241.4 | 240.3 | 239.2 | 238.4 | 237.8 | 237.3 | 236.7 | 236.1 |
| 52.5° | 228.1 | 227.2 | 226.2 | 225.5 | 224.9 | 224.3 | 223.6 | 223.0 |
| 55° | 207.6 | 206.8 | 206.1 | 205.5 | 204.9 | 204.3 | 203.7 | 203.2 |
| 57.5° | 187.2 | 186.2 | 185.3 | 184.7 | 184.3 | 184.0 | 183.7 | 183.4 |
| 60° | 173.4 | 172.5 | 171.7 | 171.0 | 170.5 | 169.9 | 169.4 | 168.8 |
| 62.5° | 160.1 | 159.1 | 158.3 | 157.6 | 157.2 | 156.8 | 156.3 | 155.9 |
| 65° | 139.1 | 138.4 | 137.7 | 137.1 | 136.8 | 136.5 | 136.2 | 135.9 |
| 67.5° | 119.1 | 118.5 | 117.9 | 117.5 | 117.3 | 117.1 | 116.9 | 116.7 |
| 70° | 105.9 | 105.4 | 105.0 | 104.6 | 104.3 | 103.9 | 103.5 | 103.2 |
| 72.5° | 93.5 | 92.9 | 92.4 | 92.0 | 91.7 | 91.3 | 90.9 | 90.6 |
| 75° | 74.2 | 74.0 | 73.7 | 73.4 | 73.1 | 72.8 | 72.5 | 72.1 |
| 77.5° | 56.6 | 56.4 | 56.2 | 56.1 | 55.8 | 55.6 | 55.4 | 55.1 |
| 80° | 45.2 | 45.2 | 45.1 | 44.9 | 44.8 | 44.6 | 44.4 | 44.3 |
| 82.5° | 34.5 | 34.4 | 34.3 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| 85° | 20.4 | 20.3 | 20.2 | 20.0 | 19.9 | 19.7 | 19.6 | 19.4 |
| 87.5° | 9.9 | 10.0 | 10.1 | 10.2 | 10.1 | 10.1 | 10.1 | 10.0 |
| 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: P333139-927

CATALOG NUMBER: S125DIP-S375D810U927-4F0-1E-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)