

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: P333349

Luminaire Tested: **S125DIW-S375D770U835-4F0-1E-UDD-D1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333349
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S375D770U835-4F0-1E-UDD-D1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4124.0 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: Semi-Indirect

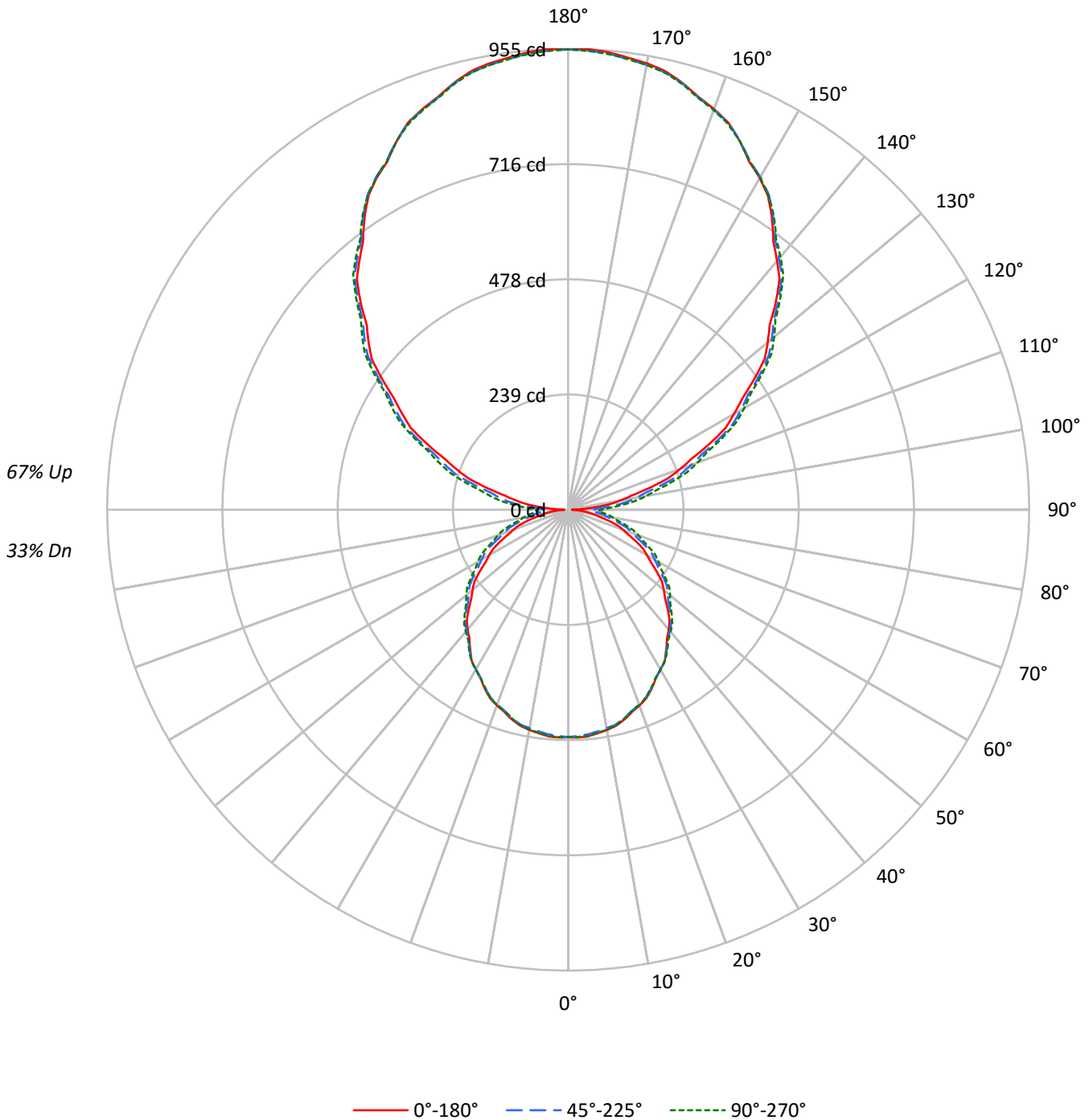
Input Watts (W): 30.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

Luminous Intensity Polar Plot





TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

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 | 74 | 74 | 74 | 57 | 57 | 57 | 41 | 41 | 41 | 33 |
| 1 | 94 | 89 | 85 | 82 | 84 | 80 | 77 | 74 | 64 | 62 | 60 | 49 | 48 | 46 | 35 | 34 | 33 | 27 |
| 2 | 85 | 77 | 71 | 66 | 76 | 70 | 65 | 60 | 56 | 52 | 49 | 43 | 40 | 38 | 31 | 29 | 28 | 22 |
| 3 | 77 | 68 | 61 | 55 | 69 | 61 | 55 | 50 | 49 | 45 | 41 | 38 | 35 | 32 | 27 | 25 | 23 | 19 |
| 4 | 71 | 60 | 52 | 46 | 63 | 54 | 47 | 42 | 43 | 38 | 35 | 33 | 30 | 27 | 24 | 22 | 20 | 16 |
| 5 | 65 | 53 | 45 | 39 | 58 | 48 | 41 | 36 | 39 | 34 | 30 | 30 | 26 | 23 | 22 | 19 | 17 | 14 |
| 6 | 59 | 48 | 40 | 34 | 53 | 43 | 36 | 31 | 35 | 30 | 26 | 27 | 23 | 20 | 20 | 17 | 15 | 12 |
| 7 | 55 | 43 | 35 | 29 | 49 | 39 | 32 | 27 | 31 | 26 | 22 | 24 | 21 | 18 | 18 | 15 | 13 | 11 |
| 8 | 51 | 39 | 31 | 26 | 46 | 35 | 28 | 24 | 28 | 23 | 20 | 22 | 19 | 16 | 16 | 14 | 12 | 9 |
| 9 | 47 | 35 | 28 | 23 | 42 | 32 | 26 | 21 | 26 | 21 | 18 | 20 | 17 | 14 | 15 | 13 | 11 | 8 |
| 10 | 44 | 32 | 25 | 20 | 40 | 29 | 23 | 19 | 24 | 19 | 16 | 19 | 15 | 13 | 14 | 11 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 3044 | 3044 | 3044 |
| 5° | 3051 | 2988 | 2998 |
| 10° | 3028 | 2935 | 2930 |
| 15° | 2993 | 2871 | 2845 |
| 20° | 2945 | 2792 | 2759 |
| 25° | 2886 | 2707 | 2654 |
| 30° | 2816 | 2615 | 2559 |
| 35° | 2751 | 2529 | 2470 |
| 40° | 2685 | 2439 | 2382 |
| 45° | 2609 | 2362 | 2304 |
| 50° | 2537 | 2279 | 2234 |
| 55° | 2450 | 2199 | 2154 |
| 60° | 2356 | 2110 | 2070 |
| 65° | 2259 | 2016 | 1977 |
| 70° | 2147 | 1887 | 1882 |
| 75° | 1968 | 1763 | 1763 |
| 80° | 1736 | 1613 | 1635 |
| 85° | 1520 | 1511 | 1594 |



TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 44.6 | 1.1 |
| 10°-20° | 126.5 | 3.1 |
| 20°-30° | 188.2 | 4.6 |
| 30°-40° | 222.9 | 5.4 |
| 40°-50° | 230.5 | 5.6 |
| 50°-60° | 212.3 | 5.1 |
| 60°-70° | 171.6 | 4.2 |
| 70°-80° | 114.9 | 2.8 |
| 80°-90° | 61.7 | 1.5 |
| 90°-100° | 97.3 | 2.4 |
| 100°-110° | 213.3 | 5.2 |
| 110°-120° | 336.1 | 8.1 |
| 120°-130° | 429.9 | 10.4 |
| 130°-140° | 475.3 | 11.5 |
| 140°-150° | 462.7 | 11.2 |
| 150°-160° | 387.9 | 9.4 |
| 160°-170° | 257.9 | 6.3 |
| 170°-180° | 90.2 | 2.2 |
| 0°-30° | 359.3 | 8.7 |
| 0°-40° | 582.2 | 14.1 |
| 0°-60° | 1025.0 | 24.9 |
| 0°-90° | 1373.2 | 33.3 |
| 90°-120° | 646.8 | 15.7 |
| 90°-150° | 2014.7 | 48.9 |
| 90°-180° | 2751.0 | 66.7 |
| 0°-180° | 4124.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0° | 471 | 471 | 471 | 471 | 471 | |
| 5° | 471 | 470 | 467 | 471 | 470 | 45 |
| 15° | 450 | 450 | 447 | 450 | 448 | 127 |
| 25° | 409 | 410 | 408 | 409 | 407 | 188 |
| 35° | 354 | 357 | 356 | 357 | 357 | 221 |
| 45° | 292 | 297 | 299 | 302 | 303 | 225 |
| 55° | 224 | 232 | 239 | 244 | 246 | 200 |
| 65° | 154 | 165 | 176 | 183 | 185 | 153 |
| 75° | 85 | 97 | 112 | 121 | 123 | 90 |
| 85° | 25 | 41 | 57 | 67 | 71 | 27 |
| 90° | 8 | 29 | 50 | 64 | 70 | 8 |
| 95° | 54 | 68 | 91 | 106 | 111 | 56 |
| 105° | 173 | 185 | 203 | 216 | 222 | 185 |
| 115° | 323 | 329 | 342 | 350 | 352 | 319 |
| 125° | 469 | 473 | 483 | 488 | 490 | 420 |
| 135° | 608 | 612 | 616 | 622 | 622 | 469 |
| 145° | 736 | 739 | 741 | 743 | 743 | 460 |
| 155° | 842 | 842 | 843 | 845 | 842 | 388 |
| 165° | 915 | 914 | 915 | 917 | 913 | 258 |
| 175° | 952 | 949 | 949 | 953 | 948 | 90 |
| 180° | 954 | 954 | 954 | 954 | 954 | |



TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 |
| 2.5° | 472.5 | 472.3 | 472.2 | 472.0 | 471.9 | 471.5 | 470.9 | 470.3 | 469.8 | 469.2 | 469.8 |
| 5° | 471.4 | 471.2 | 471.0 | 470.8 | 470.6 | 470.1 | 469.4 | 468.7 | 468.0 | 467.2 | 468.1 |
| 7.5° | 467.2 | 467.2 | 467.1 | 467.0 | 466.9 | 466.5 | 465.8 | 465.0 | 464.3 | 463.5 | 464.3 |
| 10° | 463.5 | 463.5 | 463.5 | 463.5 | 463.5 | 463.1 | 462.3 | 461.5 | 460.7 | 459.8 | 460.6 |
| 12.5° | 458.4 | 458.5 | 458.5 | 458.6 | 458.7 | 458.4 | 457.8 | 457.1 | 456.4 | 455.8 | 456.3 |
| 15° | 450.1 | 450.2 | 450.3 | 450.5 | 450.6 | 450.2 | 449.5 | 448.8 | 448.1 | 447.4 | 448.0 |
| 17.5° | 439.4 | 439.6 | 439.8 | 440.0 | 440.2 | 440.0 | 439.3 | 438.5 | 437.8 | 437.1 | 437.6 |
| 20° | 431.7 | 431.9 | 432.1 | 432.3 | 432.5 | 432.2 | 431.5 | 430.8 | 430.1 | 429.3 | 429.7 |
| 22.5° | 422.8 | 423.2 | 423.5 | 423.9 | 424.3 | 424.0 | 423.2 | 422.4 | 421.6 | 420.8 | 421.2 |
| 25° | 409.0 | 409.3 | 409.6 | 409.9 | 410.2 | 410.1 | 409.5 | 408.9 | 408.2 | 407.6 | 408.0 |
| 27.5° | 393.7 | 394.1 | 394.6 | 395.0 | 395.5 | 395.4 | 394.7 | 394.0 | 393.3 | 392.6 | 392.8 |
| 30° | 382.2 | 382.8 | 383.4 | 384.1 | 384.7 | 384.7 | 384.1 | 383.4 | 382.8 | 382.2 | 382.4 |
| 32.5° | 371.9 | 372.4 | 372.9 | 373.5 | 374.0 | 374.0 | 373.6 | 373.1 | 372.7 | 372.2 | 372.4 |
| 35° | 354.0 | 354.7 | 355.5 | 356.2 | 356.9 | 357.1 | 356.8 | 356.5 | 356.2 | 355.9 | 356.2 |
| 37.5° | 336.2 | 336.8 | 337.5 | 338.1 | 338.8 | 339.1 | 339.0 | 338.9 | 338.8 | 338.7 | 339.1 |
| 40° | 324.0 | 324.8 | 325.6 | 326.4 | 327.3 | 327.6 | 327.5 | 327.4 | 327.3 | 327.2 | 327.6 |
| 42.5° | 310.7 | 311.7 | 312.8 | 313.9 | 314.9 | 315.6 | 315.8 | 316.0 | 316.3 | 316.5 | 317.0 |
| 45° | 291.6 | 292.8 | 293.9 | 295.0 | 296.1 | 297.0 | 297.5 | 298.0 | 298.5 | 299.0 | 299.7 |
| 47.5° | 272.1 | 273.2 | 274.2 | 275.3 | 276.3 | 277.3 | 278.2 | 279.0 | 279.9 | 280.8 | 281.9 |
| 50° | 258.8 | 259.9 | 261.1 | 262.2 | 263.3 | 264.5 | 265.6 | 266.7 | 267.8 | 269.0 | 270.1 |
| 52.5° | 244.8 | 246.1 | 247.5 | 248.9 | 250.3 | 251.6 | 253.0 | 254.4 | 255.8 | 257.1 | 258.4 |
| 55° | 224.1 | 225.8 | 227.4 | 229.1 | 230.7 | 232.4 | 234.0 | 235.6 | 237.3 | 238.9 | 240.1 |
| 57.5° | 203.1 | 205.0 | 207.0 | 209.0 | 211.0 | 212.9 | 214.8 | 216.7 | 218.6 | 220.4 | 221.7 |
| 60° | 189.0 | 191.1 | 193.1 | 195.2 | 197.2 | 199.3 | 201.3 | 203.4 | 205.5 | 207.5 | 209.0 |
| 62.5° | 175.3 | 177.4 | 179.5 | 181.5 | 183.6 | 185.7 | 187.9 | 190.1 | 192.4 | 194.6 | 196.3 |
| 65° | 154.4 | 156.7 | 159.1 | 161.4 | 163.8 | 166.2 | 168.7 | 171.2 | 173.6 | 176.1 | 177.6 |
| 67.5° | 134.6 | 136.9 | 139.1 | 141.4 | 143.7 | 146.1 | 148.6 | 151.1 | 153.6 | 156.1 | 158.0 |
| 70° | 120.2 | 122.5 | 124.9 | 127.2 | 129.6 | 132.1 | 134.8 | 137.5 | 140.1 | 142.8 | 144.8 |
| 72.5° | 106.1 | 108.6 | 111.0 | 113.4 | 115.9 | 118.6 | 121.5 | 124.4 | 127.3 | 130.2 | 132.4 |
| 75° | 85.0 | 87.7 | 90.4 | 93.0 | 95.7 | 98.7 | 102.0 | 105.3 | 108.6 | 111.8 | 113.9 |
| 77.5° | 64.8 | 67.9 | 71.0 | 74.0 | 77.1 | 80.2 | 83.4 | 86.6 | 89.7 | 92.9 | 95.2 |
| 80° | 52.2 | 55.3 | 58.4 | 61.5 | 64.5 | 67.8 | 71.3 | 74.8 | 78.3 | 81.8 | 84.1 |
| 82.5° | 40.8 | 44.0 | 47.3 | 50.5 | 53.7 | 57.2 | 60.7 | 64.3 | 67.9 | 71.4 | 73.6 |
| 85° | 25.4 | 28.8 | 32.2 | 35.6 | 39.0 | 42.5 | 46.1 | 49.7 | 53.3 | 56.8 | 59.1 |
| 87.5° | 14.6 | 18.1 | 21.7 | 25.2 | 28.8 | 32.4 | 36.1 | 39.9 | 43.6 | 47.3 | 49.8 |
| 90° | 8.1 | 12.7 | 17.3 | 22.0 | 26.6 | 31.2 | 35.8 | 40.5 | 45.1 | 49.8 | 53.0 |
| 92.5° | 24.6 | 28.6 | 32.5 | 36.5 | 40.5 | 45.0 | 49.9 | 54.9 | 59.9 | 64.9 | 68.3 |
| 95° | 54.3 | 57.3 | 60.3 | 63.3 | 66.3 | 70.3 | 75.5 | 80.6 | 85.8 | 90.9 | 94.3 |
| 97.5° | 85.6 | 88.2 | 90.7 | 93.2 | 95.8 | 99.9 | 105.5 | 111.1 | 116.8 | 122.4 | 125.7 |
| 100° | 109.0 | 111.2 | 113.3 | 115.5 | 117.6 | 121.4 | 126.9 | 132.3 | 137.7 | 143.2 | 146.8 |
| 102.5° | 134.2 | 136.8 | 139.5 | 142.1 | 144.8 | 148.3 | 152.6 | 156.8 | 161.1 | 165.4 | 169.1 |
| 105° | 173.4 | 175.9 | 178.4 | 180.8 | 183.3 | 186.6 | 190.6 | 194.7 | 198.8 | 202.8 | 205.9 |
| 107.5° | 216.8 | 219.0 | 221.3 | 223.5 | 225.7 | 228.7 | 232.4 | 236.1 | 239.8 | 243.5 | 246.1 |
| 110° | 246.7 | 248.8 | 250.8 | 252.9 | 255.0 | 257.7 | 261.0 | 264.4 | 267.8 | 271.2 | 273.6 |



TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 277.6 | 279.0 | 280.4 | 281.9 | 283.3 | 285.7 | 289.1 | 292.5 | 295.9 | 299.4 | 301.5 |
| 115° | 322.7 | 324.1 | 325.5 | 326.9 | 328.2 | 330.4 | 333.4 | 336.4 | 339.4 | 342.4 | 344.1 |
| 117.5° | 368.0 | 368.8 | 369.5 | 370.3 | 371.1 | 372.9 | 375.7 | 378.5 | 381.3 | 384.2 | 386.0 |
| 120° | 396.5 | 397.6 | 398.8 | 399.9 | 401.0 | 402.9 | 405.4 | 407.9 | 410.4 | 413.0 | 414.7 |
| 122.5° | 427.0 | 427.4 | 427.9 | 428.3 | 428.8 | 430.3 | 433.1 | 435.8 | 438.5 | 441.2 | 442.7 |
| 125° | 468.8 | 469.7 | 470.6 | 471.4 | 472.3 | 473.9 | 476.1 | 478.3 | 480.5 | 482.8 | 484.1 |
| 127.5° | 512.9 | 513.3 | 513.8 | 514.2 | 514.7 | 515.9 | 517.7 | 519.6 | 521.5 | 523.4 | 524.8 |
| 130° | 539.6 | 540.3 | 541.0 | 541.8 | 542.5 | 543.7 | 545.5 | 547.3 | 549.0 | 550.8 | 552.1 |
| 132.5° | 565.9 | 567.3 | 568.6 | 569.9 | 571.3 | 572.5 | 573.5 | 574.5 | 575.6 | 576.6 | 577.9 |
| 135° | 608.2 | 609.1 | 609.9 | 610.8 | 611.7 | 612.6 | 613.5 | 614.4 | 615.2 | 616.1 | 617.5 |
| 137.5° | 647.9 | 648.7 | 649.6 | 650.5 | 651.4 | 652.2 | 652.9 | 653.6 | 654.3 | 655.0 | 656.4 |
| 140° | 673.0 | 673.9 | 674.7 | 675.5 | 676.3 | 677.0 | 677.6 | 678.2 | 678.8 | 679.4 | 680.9 |
| 142.5° | 698.6 | 699.2 | 699.8 | 700.4 | 701.0 | 701.6 | 702.3 | 702.9 | 703.6 | 704.2 | 705.4 |
| 145° | 736.1 | 736.7 | 737.2 | 737.8 | 738.4 | 738.9 | 739.4 | 739.9 | 740.4 | 740.9 | 741.4 |
| 147.5° | 770.4 | 770.8 | 771.1 | 771.5 | 771.9 | 772.2 | 772.6 | 773.0 | 773.4 | 773.8 | 774.4 |
| 150° | 793.6 | 793.4 | 793.2 | 793.1 | 792.9 | 793.2 | 793.8 | 794.5 | 795.1 | 795.8 | 795.8 |
| 152.5° | 812.6 | 812.8 | 813.0 | 813.3 | 813.5 | 813.7 | 814.0 | 814.3 | 814.5 | 814.8 | 815.2 |
| 155° | 841.8 | 841.8 | 841.8 | 841.8 | 841.8 | 841.9 | 842.1 | 842.2 | 842.4 | 842.6 | 843.2 |
| 157.5° | 868.0 | 867.6 | 867.2 | 866.9 | 866.5 | 866.4 | 866.6 | 866.7 | 866.9 | 867.1 | 867.7 |
| 160° | 883.4 | 882.9 | 882.4 | 881.9 | 881.4 | 881.2 | 881.4 | 881.6 | 881.7 | 881.9 | 882.6 |
| 162.5° | 897.1 | 896.7 | 896.3 | 896.0 | 895.6 | 895.4 | 895.5 | 895.5 | 895.5 | 895.6 | 896.4 |
| 165° | 915.3 | 915.0 | 914.7 | 914.3 | 914.0 | 913.9 | 914.1 | 914.2 | 914.4 | 914.6 | 915.2 |
| 167.5° | 930.8 | 930.1 | 929.4 | 928.8 | 928.1 | 927.8 | 927.8 | 927.8 | 927.8 | 927.8 | 928.8 |
| 170° | 939.1 | 938.4 | 937.7 | 937.1 | 936.4 | 936.1 | 936.1 | 936.1 | 936.1 | 936.1 | 937.1 |
| 172.5° | 945.0 | 944.3 | 943.7 | 943.0 | 942.4 | 942.0 | 942.0 | 942.0 | 942.0 | 942.0 | 943.0 |
| 175° | 951.7 | 951.0 | 950.4 | 949.7 | 949.0 | 948.7 | 948.7 | 948.7 | 948.7 | 948.7 | 949.7 |
| 177.5° | 955.1 | 954.6 | 954.0 | 953.5 | 953.0 | 952.7 | 952.5 | 952.4 | 952.3 | 952.1 | 952.9 |
| 180° | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 |



TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 | 471.4 |
| 2.5° | 470.3 | 470.9 | 471.5 | 471.7 | 471.6 | 471.6 | 471.5 | 471.4 |
| 5° | 468.9 | 469.7 | 470.5 | 470.9 | 470.8 | 470.7 | 470.6 | 470.5 |
| 7.5° | 465.0 | 465.7 | 466.4 | 466.7 | 466.6 | 466.5 | 466.4 | 466.3 |
| 10° | 461.3 | 462.0 | 462.7 | 463.0 | 462.9 | 462.8 | 462.7 | 462.6 |
| 12.5° | 456.9 | 457.4 | 458.0 | 458.1 | 457.9 | 457.6 | 457.3 | 457.1 |
| 15° | 448.6 | 449.2 | 449.8 | 449.9 | 449.5 | 449.1 | 448.7 | 448.3 |
| 17.5° | 438.1 | 438.5 | 439.0 | 439.1 | 438.9 | 438.6 | 438.4 | 438.1 |
| 20° | 430.0 | 430.3 | 430.6 | 430.7 | 430.7 | 430.7 | 430.7 | 430.7 |
| 22.5° | 421.6 | 422.0 | 422.4 | 422.5 | 422.2 | 422.0 | 421.7 | 421.5 |
| 25° | 408.4 | 408.9 | 409.3 | 409.2 | 408.7 | 408.2 | 407.7 | 407.2 |
| 27.5° | 393.1 | 393.4 | 393.7 | 393.8 | 393.6 | 393.4 | 393.2 | 393.0 |
| 30° | 382.6 | 382.8 | 383.0 | 383.1 | 383.0 | 382.9 | 382.8 | 382.7 |
| 32.5° | 372.6 | 372.8 | 373.0 | 373.1 | 373.0 | 372.9 | 372.8 | 372.7 |
| 35° | 356.5 | 356.8 | 357.1 | 357.2 | 357.2 | 357.2 | 357.2 | 357.2 |
| 37.5° | 339.5 | 339.9 | 340.3 | 340.5 | 340.5 | 340.4 | 340.4 | 340.3 |
| 40° | 328.0 | 328.4 | 328.9 | 329.2 | 329.4 | 329.6 | 329.8 | 330.0 |
| 42.5° | 317.5 | 318.0 | 318.5 | 318.7 | 318.8 | 318.8 | 318.8 | 318.9 |
| 45° | 300.5 | 301.2 | 301.9 | 302.3 | 302.4 | 302.5 | 302.6 | 302.7 |
| 47.5° | 282.9 | 284.0 | 285.0 | 285.6 | 285.9 | 286.1 | 286.3 | 286.5 |
| 50° | 271.2 | 272.4 | 273.5 | 274.2 | 274.5 | 274.8 | 275.1 | 275.4 |
| 52.5° | 259.6 | 260.8 | 262.0 | 262.7 | 262.9 | 263.2 | 263.4 | 263.6 |
| 55° | 241.2 | 242.3 | 243.5 | 244.2 | 244.6 | 245.0 | 245.5 | 245.9 |
| 57.5° | 223.0 | 224.3 | 225.6 | 226.4 | 226.7 | 227.0 | 227.4 | 227.7 |
| 60° | 210.6 | 212.1 | 213.7 | 214.6 | 214.9 | 215.2 | 215.5 | 215.8 |
| 62.5° | 198.0 | 199.7 | 201.4 | 202.4 | 202.8 | 203.2 | 203.6 | 204.0 |
| 65° | 179.2 | 180.7 | 182.2 | 183.2 | 183.6 | 184.0 | 184.5 | 184.9 |
| 67.5° | 159.9 | 161.7 | 163.6 | 164.8 | 165.3 | 165.9 | 166.4 | 166.9 |
| 70° | 146.7 | 148.7 | 150.6 | 151.9 | 152.5 | 153.1 | 153.7 | 154.4 |
| 72.5° | 134.5 | 136.6 | 138.7 | 140.0 | 140.4 | 140.9 | 141.3 | 141.8 |
| 75° | 116.0 | 118.0 | 120.1 | 121.3 | 121.9 | 122.4 | 122.9 | 123.4 |
| 77.5° | 97.4 | 99.7 | 101.9 | 103.3 | 103.7 | 104.1 | 104.5 | 104.9 |
| 80° | 86.3 | 88.6 | 90.8 | 92.2 | 92.6 | 93.0 | 93.4 | 93.8 |
| 82.5° | 75.8 | 78.0 | 80.2 | 81.6 | 82.4 | 83.1 | 83.8 | 84.6 |
| 85° | 61.4 | 63.6 | 65.9 | 67.4 | 68.2 | 69.1 | 69.9 | 70.7 |
| 87.5° | 52.4 | 54.9 | 57.4 | 59.1 | 59.9 | 60.7 | 61.5 | 62.3 |
| 90° | 56.1 | 59.3 | 62.5 | 64.7 | 65.9 | 67.2 | 68.4 | 69.6 |
| 92.5° | 71.7 | 75.0 | 78.4 | 80.6 | 81.7 | 82.8 | 83.9 | 85.0 |
| 95° | 97.7 | 101.1 | 104.6 | 106.8 | 107.8 | 108.9 | 109.9 | 111.0 |
| 97.5° | 128.9 | 132.2 | 135.4 | 137.5 | 138.4 | 139.3 | 140.2 | 141.1 |
| 100° | 150.4 | 154.1 | 157.7 | 160.0 | 161.0 | 161.9 | 162.9 | 163.8 |
| 102.5° | 172.8 | 176.5 | 180.2 | 182.6 | 183.7 | 184.7 | 185.8 | 186.9 |
| 105° | 208.9 | 212.0 | 215.0 | 217.1 | 218.4 | 219.6 | 220.8 | 222.0 |
| 107.5° | 248.6 | 251.1 | 253.6 | 255.2 | 255.8 | 256.4 | 257.0 | 257.6 |
| 110° | 276.0 | 278.5 | 280.9 | 282.4 | 283.0 | 283.5 | 284.1 | 284.7 |



TEST NUMBER: P333349

CATALOG NUMBER: S125DIW-S375D770U835-4F0-1E-UDD-D1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 303.6 | 305.7 | 307.8 | 309.0 | 309.4 | 309.9 | 310.3 | 310.7 |
| 115° | 345.8 | 347.5 | 349.2 | 350.2 | 350.7 | 351.1 | 351.6 | 352.0 |
| 117.5° | 387.9 | 389.8 | 391.7 | 392.6 | 392.7 | 392.7 | 392.7 | 392.8 |
| 120° | 416.5 | 418.2 | 420.0 | 420.8 | 420.8 | 420.7 | 420.7 | 420.6 |
| 122.5° | 444.2 | 445.8 | 447.3 | 448.1 | 448.2 | 448.3 | 448.4 | 448.5 |
| 125° | 485.4 | 486.7 | 488.0 | 488.8 | 489.2 | 489.5 | 489.9 | 490.2 |
| 127.5° | 526.1 | 527.5 | 528.8 | 529.6 | 529.9 | 530.2 | 530.4 | 530.7 |
| 130° | 553.3 | 554.6 | 555.9 | 556.6 | 556.8 | 557.0 | 557.2 | 557.3 |
| 132.5° | 579.2 | 580.5 | 581.7 | 582.3 | 582.3 | 582.3 | 582.3 | 582.2 |
| 135° | 618.8 | 620.1 | 621.5 | 622.1 | 621.9 | 621.8 | 621.6 | 621.5 |
| 137.5° | 657.8 | 659.2 | 660.6 | 661.1 | 660.7 | 660.3 | 659.9 | 659.5 |
| 140° | 682.3 | 683.8 | 685.3 | 685.8 | 685.4 | 685.0 | 684.5 | 684.1 |
| 142.5° | 706.6 | 707.7 | 708.9 | 709.3 | 708.8 | 708.4 | 708.0 | 707.6 |
| 145° | 741.9 | 742.4 | 742.9 | 743.1 | 743.0 | 743.0 | 742.9 | 742.8 |
| 147.5° | 774.9 | 775.5 | 776.1 | 775.9 | 774.9 | 774.0 | 773.1 | 772.1 |
| 150° | 795.8 | 795.8 | 795.8 | 795.7 | 795.5 | 795.2 | 795.0 | 794.8 |
| 152.5° | 815.6 | 816.0 | 816.4 | 816.3 | 815.7 | 815.1 | 814.6 | 814.0 |
| 155° | 843.9 | 844.5 | 845.2 | 845.1 | 844.3 | 843.5 | 842.6 | 841.8 |
| 157.5° | 868.4 | 869.0 | 869.7 | 869.5 | 868.4 | 867.3 | 866.2 | 865.1 |
| 160° | 883.2 | 883.9 | 884.5 | 884.5 | 883.6 | 882.8 | 882.0 | 881.2 |
| 162.5° | 897.2 | 897.9 | 898.7 | 898.7 | 897.7 | 896.7 | 895.8 | 894.8 |
| 165° | 915.9 | 916.6 | 917.2 | 917.0 | 916.1 | 915.1 | 914.1 | 913.1 |
| 167.5° | 929.8 | 930.8 | 931.7 | 931.7 | 930.7 | 929.7 | 928.7 | 927.6 |
| 170° | 938.1 | 939.1 | 940.1 | 940.0 | 938.8 | 937.7 | 936.5 | 935.4 |
| 172.5° | 944.0 | 945.0 | 946.0 | 946.0 | 945.0 | 943.9 | 942.9 | 941.9 |
| 175° | 950.7 | 951.7 | 952.7 | 952.6 | 951.4 | 950.3 | 949.1 | 948.0 |
| 177.5° | 953.7 | 954.5 | 955.3 | 955.2 | 954.3 | 953.4 | 952.5 | 951.5 |
| 180° | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 | 953.9 |

(END OF REPORT)