

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: P332567

Luminaire Tested: **S124DIP-S575D1035U835-4F0-1E-UDD-D4**

Issue Date: 3/3/2020

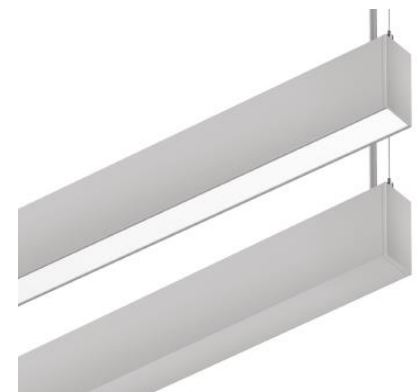
Test Information

Test Method: LM-79-08
Report Number: P332567
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124DIP-S575D1035U835-4F0-1E-UDD-D4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 575 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER
UPLIGHT 1035 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6067.2 lumens
Efficiency: N/A
Efficacy: 136.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.28 / 1.39
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.08')
CIE Type: Semi-Indirect

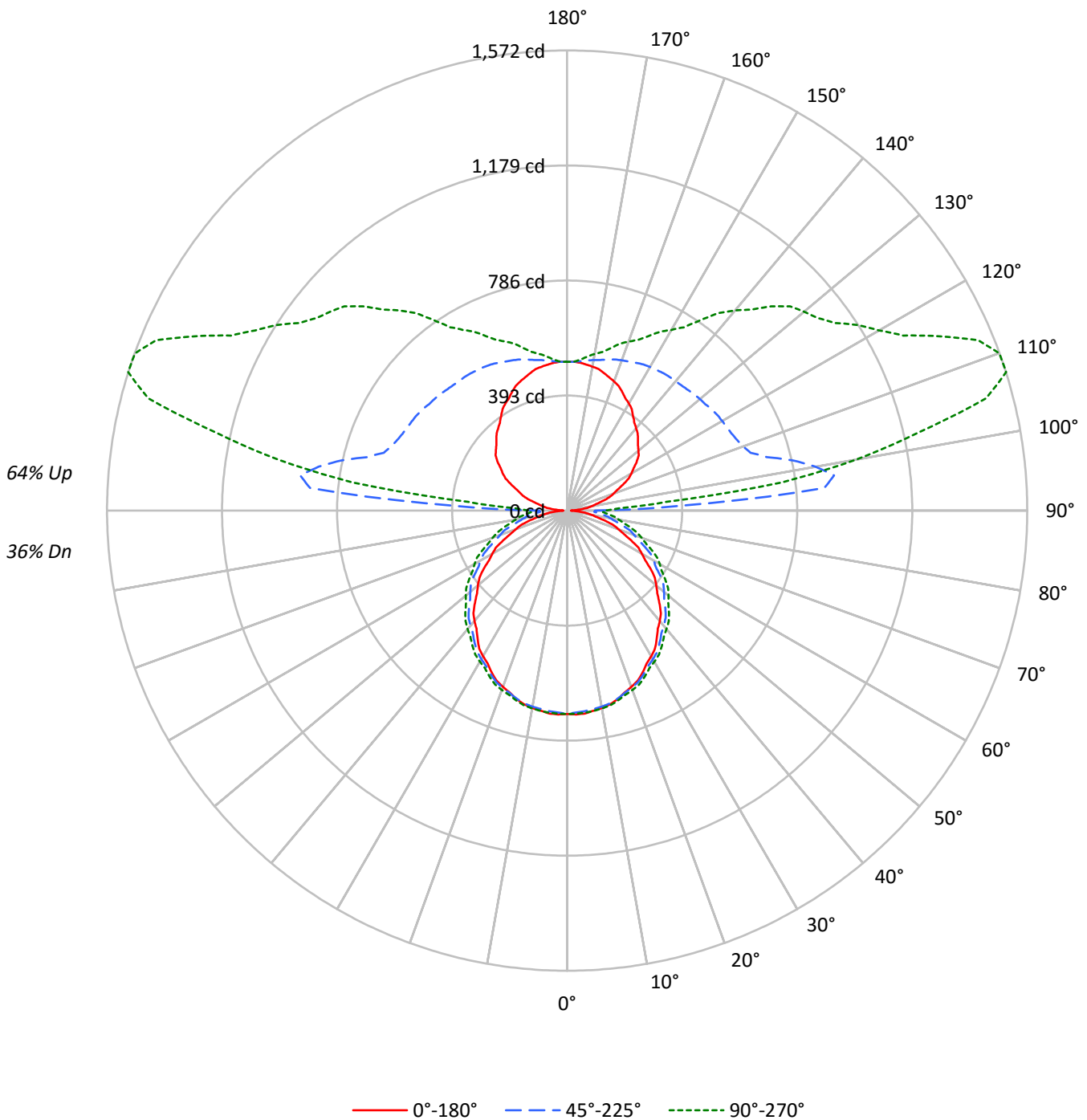
Input Watts (W): 44.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

Luminous Intensity Polar Plot





TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

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 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 43 | 43 | 43 | 36 |
| 1 | 94 | 89 | 85 | 82 | 85 | 81 | 77 | 74 | 65 | 63 | 60 | 51 | 49 | 47 | 37 | 36 | 35 | 29 |
| 2 | 85 | 78 | 71 | 66 | 77 | 70 | 65 | 60 | 57 | 53 | 49 | 44 | 41 | 39 | 32 | 31 | 29 | 24 |
| 3 | 77 | 68 | 60 | 55 | 70 | 62 | 55 | 50 | 50 | 45 | 41 | 39 | 35 | 33 | 28 | 26 | 24 | 20 |
| 4 | 71 | 60 | 52 | 46 | 64 | 54 | 47 | 42 | 44 | 39 | 35 | 34 | 31 | 28 | 25 | 23 | 21 | 17 |
| 5 | 65 | 53 | 45 | 39 | 58 | 48 | 41 | 36 | 39 | 34 | 30 | 30 | 27 | 24 | 23 | 20 | 18 | 14 |
| 6 | 60 | 47 | 39 | 34 | 54 | 43 | 36 | 31 | 35 | 30 | 26 | 27 | 24 | 21 | 20 | 18 | 16 | 12 |
| 7 | 55 | 43 | 35 | 29 | 49 | 39 | 32 | 27 | 32 | 26 | 22 | 25 | 21 | 18 | 19 | 16 | 14 | 11 |
| 8 | 51 | 39 | 31 | 26 | 46 | 35 | 28 | 24 | 29 | 24 | 20 | 23 | 19 | 16 | 17 | 14 | 12 | 10 |
| 9 | 47 | 35 | 28 | 23 | 43 | 32 | 25 | 21 | 26 | 21 | 18 | 21 | 17 | 14 | 16 | 13 | 11 | 9 |
| 10 | 44 | 32 | 25 | 20 | 40 | 29 | 23 | 19 | 24 | 19 | 16 | 19 | 15 | 13 | 14 | 12 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 5610 | 5610 | 5610 |
| 5° | 5628 | 5483 | 5498 |
| 10° | 5593 | 5393 | 5388 |
| 15° | 5543 | 5289 | 5260 |
| 20° | 5467 | 5175 | 5135 |
| 25° | 5382 | 5046 | 4997 |
| 30° | 5290 | 4919 | 4856 |
| 35° | 5185 | 4787 | 4732 |
| 40° | 5102 | 4663 | 4603 |
| 45° | 4978 | 4549 | 4492 |
| 50° | 4873 | 4416 | 4375 |
| 55° | 4765 | 4291 | 4237 |
| 60° | 4596 | 4132 | 4112 |
| 65° | 4410 | 3962 | 3958 |
| 70° | 4186 | 3768 | 3778 |
| 75° | 3872 | 3553 | 3616 |
| 80° | 3526 | 3347 | 3457 |
| 85° | 3082 | 3163 | 3364 |



TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 65.8 | 1.1 |
| 10°-20° | 188.5 | 3.1 |
| 20°-30° | 285.1 | 4.7 |
| 30°-40° | 344.9 | 5.7 |
| 40°-50° | 364.7 | 6.0 |
| 50°-60° | 343.2 | 5.7 |
| 60°-70° | 284.7 | 4.7 |
| 70°-80° | 200.0 | 3.3 |
| 80°-90° | 115.9 | 1.9 |
| 90°-100° | 434.2 | 7.2 |
| 100°-110° | 813.6 | 13.4 |
| 110°-120° | 717.5 | 11.8 |
| 120°-130° | 594.3 | 9.8 |
| 130°-140° | 488.0 | 8.0 |
| 140°-150° | 368.2 | 6.1 |
| 150°-160° | 257.7 | 4.2 |
| 160°-170° | 151.6 | 2.5 |
| 170°-180° | 49.3 | 0.8 |
| 0°-30° | 539.4 | 8.9 |
| 0°-40° | 884.4 | 14.6 |
| 0°-60° | 1592.2 | 26.2 |
| 0°-90° | 2192.8 | 36.1 |
| 90°-120° | 1965.3 | 32.4 |
| 90°-150° | 3415.9 | 56.3 |
| 90°-180° | 3874.0 | 63.9 |
| 0°-180° | 6067.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|------|------|
| 0° | 695 | 695 | 695 | 695 | 695 | |
| 5° | 696 | 693 | 688 | 694 | 693 | 66 |
| 15° | 667 | 668 | 665 | 672 | 672 | 188 |
| 25° | 610 | 615 | 617 | 625 | 626 | 281 |
| 35° | 534 | 543 | 551 | 561 | 564 | 334 |
| 45° | 445 | 460 | 475 | 487 | 492 | 344 |
| 55° | 349 | 365 | 388 | 403 | 408 | 311 |
| 65° | 241 | 266 | 293 | 311 | 318 | 239 |
| 75° | 134 | 163 | 195 | 216 | 224 | 142 |
| 85° | 41 | 74 | 109 | 131 | 140 | 44 |
| 90° | 13 | 52 | 95 | 119 | 127 | 10 |
| 95° | 43 | 140 | 881 | 491 | 339 | 45 |
| 105° | 124 | 193 | 706 | 1480 | 1482 | 132 |
| 115° | 210 | 271 | 621 | 1175 | 1408 | 209 |
| 125° | 290 | 344 | 603 | 991 | 1117 | 258 |
| 135° | 342 | 407 | 583 | 867 | 986 | 265 |
| 145° | 393 | 449 | 573 | 719 | 794 | 247 |
| 155° | 446 | 482 | 557 | 631 | 658 | 206 |
| 165° | 486 | 501 | 534 | 566 | 574 | 137 |
| 175° | 507 | 508 | 512 | 519 | 517 | 48 |
| 180° | 508 | 508 | 508 | 508 | 508 | |



TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0° | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 |
| 2.5° | 697.4 | 697.0 | 696.6 | 696.1 | 695.7 | 695.0 | 693.9 | 692.8 | 691.6 | 690.5 | 691.5 |
| 5° | 695.7 | 695.2 | 694.6 | 694.1 | 693.6 | 692.7 | 691.5 | 690.3 | 689.1 | 687.9 | 689.3 |
| 7.5° | 689.8 | 689.4 | 689.1 | 688.8 | 688.5 | 687.9 | 686.9 | 685.9 | 684.8 | 683.8 | 685.4 |
| 10° | 684.8 | 684.6 | 684.4 | 684.3 | 684.1 | 683.6 | 682.7 | 681.8 | 681.0 | 680.1 | 681.7 |
| 12.5° | 677.9 | 677.9 | 677.9 | 677.8 | 677.8 | 677.5 | 676.9 | 676.3 | 675.7 | 675.1 | 676.5 |
| 15° | 666.9 | 667.1 | 667.2 | 667.4 | 667.6 | 667.4 | 666.9 | 666.4 | 665.8 | 665.3 | 666.9 |
| 17.5° | 651.8 | 652.3 | 652.8 | 653.3 | 653.9 | 654.1 | 654.0 | 653.9 | 653.8 | 653.7 | 655.2 |
| 20° | 641.2 | 641.7 | 642.2 | 642.8 | 643.3 | 643.6 | 643.8 | 644.0 | 644.1 | 644.3 | 646.0 |
| 22.5° | 629.4 | 630.0 | 630.7 | 631.3 | 632.0 | 632.5 | 632.8 | 633.1 | 633.4 | 633.7 | 635.5 |
| 25° | 610.1 | 611.1 | 612.2 | 613.2 | 614.2 | 615.0 | 615.5 | 616.0 | 616.6 | 617.1 | 619.0 |
| 27.5° | 588.6 | 590.1 | 591.6 | 593.2 | 594.7 | 595.8 | 596.6 | 597.4 | 598.2 | 599.0 | 600.8 |
| 30° | 574.3 | 575.7 | 577.0 | 578.4 | 579.8 | 581.1 | 582.3 | 583.5 | 584.7 | 586.0 | 587.9 |
| 32.5° | 558.7 | 560.4 | 562.0 | 563.7 | 565.4 | 566.9 | 568.2 | 569.6 | 570.9 | 572.3 | 574.4 |
| 35° | 533.8 | 535.9 | 538.0 | 540.0 | 542.1 | 544.0 | 545.7 | 547.5 | 549.2 | 550.9 | 553.4 |
| 37.5° | 508.8 | 511.1 | 513.5 | 515.9 | 518.3 | 520.6 | 522.7 | 524.9 | 527.0 | 529.1 | 531.6 |
| 40° | 492.6 | 494.8 | 497.1 | 499.3 | 501.6 | 503.9 | 506.3 | 508.7 | 511.2 | 513.6 | 516.2 |
| 42.5° | 473.9 | 476.4 | 478.9 | 481.5 | 484.0 | 486.7 | 489.5 | 492.3 | 495.2 | 498.0 | 500.9 |
| 45° | 445.1 | 448.4 | 451.7 | 455.0 | 458.2 | 461.5 | 464.8 | 468.1 | 471.4 | 474.7 | 477.6 |
| 47.5° | 417.6 | 420.9 | 424.3 | 427.7 | 431.1 | 434.7 | 438.5 | 442.3 | 446.1 | 449.9 | 453.0 |
| 50° | 397.6 | 401.4 | 405.2 | 409.1 | 412.9 | 416.7 | 420.5 | 424.3 | 428.1 | 431.9 | 435.3 |
| 52.5° | 377.7 | 381.5 | 385.3 | 389.1 | 392.9 | 397.0 | 401.4 | 405.7 | 410.1 | 414.4 | 417.9 |
| 55° | 348.6 | 352.2 | 355.9 | 359.5 | 363.1 | 367.5 | 372.7 | 377.9 | 383.1 | 388.3 | 391.8 |
| 57.5° | 316.1 | 320.6 | 325.1 | 329.6 | 334.1 | 338.9 | 344.0 | 349.2 | 354.4 | 359.5 | 363.6 |
| 60° | 294.9 | 299.4 | 303.9 | 308.4 | 312.9 | 318.0 | 323.7 | 329.4 | 335.1 | 340.8 | 344.8 |
| 62.5° | 274.4 | 279.3 | 284.2 | 289.1 | 294.0 | 299.3 | 305.0 | 310.7 | 316.5 | 322.2 | 326.1 |
| 65° | 241.2 | 246.8 | 252.3 | 257.8 | 263.4 | 269.1 | 274.9 | 280.8 | 286.7 | 292.6 | 296.9 |
| 67.5° | 209.3 | 215.2 | 221.1 | 227.0 | 232.8 | 238.9 | 245.2 | 251.5 | 257.8 | 264.1 | 268.5 |
| 70° | 187.5 | 193.4 | 199.3 | 205.2 | 211.1 | 217.3 | 223.8 | 230.4 | 237.0 | 243.6 | 248.2 |
| 72.5° | 166.4 | 172.4 | 178.4 | 184.4 | 190.4 | 196.9 | 203.9 | 210.9 | 217.9 | 224.9 | 229.4 |
| 75° | 133.8 | 140.2 | 146.6 | 153.0 | 159.4 | 166.3 | 173.5 | 180.8 | 188.1 | 195.3 | 200.2 |
| 77.5° | 103.5 | 110.3 | 117.1 | 123.8 | 130.6 | 137.8 | 145.4 | 153.0 | 160.6 | 168.2 | 173.1 |
| 80° | 84.8 | 91.7 | 98.7 | 105.6 | 112.5 | 119.7 | 127.4 | 135.0 | 142.6 | 150.2 | 155.4 |
| 82.5° | 66.1 | 73.3 | 80.5 | 87.7 | 94.9 | 102.3 | 109.9 | 117.5 | 125.1 | 132.8 | 138.1 |
| 85° | 41.2 | 48.5 | 55.8 | 63.0 | 70.3 | 77.8 | 85.6 | 93.4 | 101.2 | 108.9 | 114.1 |
| 87.5° | 23.2 | 30.7 | 38.3 | 45.6 | 52.9 | 60.2 | 68.9 | 76.5 | 84.5 | 92.5 | 97.3 |
| 90° | 13.4 | 22.4 | 32.3 | 40.2 | 48.1 | 55.3 | 68.7 | 76.1 | 85.6 | 95.0 | 99.0 |
| 92.5° | 23.2 | 34.6 | 50.2 | 68.6 | 89.4 | 117.0 | 175.2 | 260.1 | 343.0 | 390.0 | 341.9 |
| 95° | 43.1 | 51.8 | 67.5 | 86.1 | 115.8 | 164.1 | 258.1 | 428.9 | 674.6 | 881.3 | 909.0 |
| 97.5° | 68.3 | 73.2 | 86.7 | 103.6 | 129.1 | 170.2 | 244.1 | 386.3 | 630.5 | 919.8 | 1118.4 |
| 100° | 84.4 | 88.9 | 100.4 | 116.9 | 140.4 | 177.9 | 243.6 | 363.1 | 573.5 | 861.8 | 1122.0 |
| 102.5° | 100.4 | 105.9 | 116.1 | 131.2 | 153.3 | 188.9 | 248.9 | 354.7 | 534.6 | 790.8 | 1058.9 |
| 105° | 123.8 | 130.3 | 138.7 | 154.1 | 175.6 | 209.5 | 263.8 | 353.0 | 499.2 | 706.2 | 945.2 |
| 107.5° | 151.2 | 156.0 | 163.9 | 179.5 | 199.5 | 232.5 | 282.5 | 364.0 | 489.4 | 657.0 | 852.7 |
| 110° | 168.9 | 173.4 | 180.8 | 195.2 | 215.6 | 246.8 | 296.7 | 372.7 | 488.5 | 639.3 | 806.0 |



TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 185.9 | 190.0 | 198.0 | 211.3 | 231.4 | 262.3 | 310.4 | 382.1 | 490.5 | 629.0 | 778.0 |
| 115° | 210.3 | 214.9 | 223.4 | 235.0 | 255.5 | 286.0 | 331.4 | 396.9 | 495.3 | 620.6 | 750.2 |
| 117.5° | 236.5 | 240.2 | 247.4 | 259.3 | 278.0 | 309.0 | 352.1 | 412.3 | 500.7 | 614.9 | 734.9 |
| 120° | 253.5 | 256.0 | 263.5 | 275.0 | 292.5 | 323.2 | 366.2 | 423.1 | 505.0 | 611.8 | 726.1 |
| 122.5° | 269.4 | 271.5 | 278.6 | 288.9 | 307.6 | 337.2 | 379.8 | 433.3 | 509.3 | 607.9 | 716.6 |
| 125° | 289.6 | 293.4 | 299.3 | 310.1 | 328.9 | 358.9 | 399.2 | 449.4 | 516.6 | 602.8 | 701.9 |
| 127.5° | 308.0 | 311.1 | 318.1 | 330.5 | 350.1 | 379.8 | 417.9 | 463.3 | 521.5 | 595.9 | 682.9 |
| 130° | 317.8 | 321.6 | 329.4 | 344.2 | 363.0 | 393.3 | 430.0 | 471.7 | 525.4 | 592.0 | 671.0 |
| 132.5° | 328.2 | 331.2 | 341.4 | 355.4 | 375.8 | 404.2 | 440.3 | 480.7 | 529.0 | 588.7 | 660.4 |
| 135° | 342.0 | 346.0 | 356.0 | 372.9 | 393.9 | 420.5 | 454.6 | 491.8 | 533.9 | 583.0 | 643.7 |
| 137.5° | 356.6 | 360.2 | 371.0 | 387.0 | 408.6 | 433.5 | 464.9 | 499.0 | 535.9 | 579.2 | 629.5 |
| 140° | 366.9 | 369.8 | 380.6 | 397.4 | 418.2 | 442.1 | 472.2 | 504.4 | 538.5 | 576.6 | 621.8 |
| 142.5° | 377.5 | 380.5 | 390.6 | 406.7 | 426.9 | 450.0 | 479.0 | 508.5 | 540.7 | 575.3 | 615.4 |
| 145° | 393.1 | 395.9 | 405.7 | 419.5 | 438.3 | 460.2 | 486.2 | 513.1 | 542.1 | 573.0 | 606.0 |
| 147.5° | 410.9 | 411.7 | 420.3 | 434.5 | 450.1 | 469.8 | 494.2 | 517.7 | 543.1 | 569.4 | 597.7 |
| 150° | 422.1 | 422.9 | 430.7 | 442.5 | 457.3 | 476.2 | 498.2 | 520.1 | 543.1 | 567.0 | 592.0 |
| 152.5° | 431.8 | 432.0 | 439.9 | 451.1 | 464.4 | 481.8 | 501.4 | 521.7 | 541.5 | 563.0 | 585.6 |
| 155° | 446.2 | 447.2 | 453.2 | 463.2 | 474.2 | 489.2 | 506.1 | 523.1 | 539.1 | 557.1 | 576.0 |
| 157.5° | 460.4 | 460.4 | 466.0 | 473.8 | 483.4 | 495.2 | 509.5 | 523.1 | 536.5 | 550.9 | 566.2 |
| 160° | 469.2 | 469.2 | 473.2 | 480.2 | 488.2 | 499.2 | 511.1 | 523.1 | 534.1 | 546.1 | 559.1 |
| 162.5° | 477.2 | 476.4 | 479.6 | 485.8 | 493.0 | 501.6 | 512.7 | 523.1 | 531.7 | 541.3 | 552.7 |
| 165° | 486.2 | 486.2 | 488.2 | 493.2 | 498.2 | 504.1 | 513.1 | 521.1 | 527.1 | 534.1 | 542.1 |
| 167.5° | 495.2 | 494.2 | 495.2 | 499.0 | 501.8 | 506.3 | 512.9 | 518.7 | 522.3 | 526.9 | 532.5 |
| 170° | 499.2 | 498.2 | 499.2 | 502.2 | 504.1 | 507.1 | 512.1 | 517.1 | 519.1 | 522.1 | 526.1 |
| 172.5° | 503.1 | 502.2 | 502.3 | 504.5 | 505.7 | 507.9 | 511.3 | 515.5 | 515.9 | 517.3 | 520.5 |
| 175° | 507.1 | 506.1 | 506.1 | 507.1 | 508.1 | 508.1 | 510.1 | 513.1 | 512.1 | 512.1 | 514.1 |
| 177.5° | 508.9 | 508.1 | 507.3 | 508.1 | 508.1 | 508.1 | 508.9 | 510.5 | 508.9 | 508.9 | 509.7 |
| 180° | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 |



TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 | 694.9 |
| 2.5° | 692.5 | 693.4 | 694.4 | 694.8 | 694.7 | 694.5 | 694.4 | 694.3 |
| 5° | 690.7 | 692.0 | 693.4 | 694.0 | 693.9 | 693.7 | 693.5 | 693.3 |
| 7.5° | 687.0 | 688.5 | 690.1 | 690.8 | 690.6 | 690.4 | 690.2 | 690.1 |
| 10° | 683.2 | 684.8 | 686.3 | 687.0 | 686.9 | 686.7 | 686.5 | 686.3 |
| 12.5° | 678.0 | 679.4 | 680.8 | 681.5 | 681.5 | 681.4 | 681.4 | 681.4 |
| 15° | 668.4 | 670.0 | 671.5 | 672.2 | 672.1 | 671.9 | 671.7 | 671.5 |
| 17.5° | 656.8 | 658.4 | 660.0 | 660.7 | 660.6 | 660.5 | 660.3 | 660.2 |
| 20° | 647.8 | 649.5 | 651.2 | 652.1 | 652.1 | 652.1 | 652.1 | 652.1 |
| 22.5° | 637.2 | 638.9 | 640.6 | 641.7 | 641.9 | 642.2 | 642.5 | 642.8 |
| 25° | 620.9 | 622.8 | 624.7 | 625.7 | 625.9 | 626.1 | 626.2 | 626.4 |
| 27.5° | 602.6 | 604.3 | 606.1 | 607.1 | 607.3 | 607.5 | 607.7 | 607.9 |
| 30° | 589.8 | 591.7 | 593.6 | 594.7 | 595.0 | 595.4 | 595.7 | 596.1 |
| 32.5° | 576.6 | 578.8 | 581.0 | 582.2 | 582.6 | 582.9 | 583.3 | 583.6 |
| 35° | 555.8 | 558.2 | 560.6 | 562.1 | 562.6 | 563.1 | 563.6 | 564.2 |
| 37.5° | 534.1 | 536.5 | 539.0 | 540.5 | 541.0 | 541.6 | 542.1 | 542.7 |
| 40° | 518.8 | 521.4 | 524.0 | 525.6 | 526.3 | 527.0 | 527.7 | 528.4 |
| 42.5° | 503.8 | 506.6 | 509.5 | 511.2 | 511.8 | 512.3 | 512.9 | 513.4 |
| 45° | 480.6 | 483.5 | 486.4 | 488.3 | 489.2 | 490.1 | 490.9 | 491.8 |
| 47.5° | 456.0 | 459.1 | 462.1 | 464.1 | 465.2 | 466.2 | 467.3 | 468.3 |
| 50° | 438.8 | 442.3 | 445.7 | 448.0 | 449.0 | 450.0 | 451.1 | 452.1 |
| 52.5° | 421.4 | 424.8 | 428.3 | 430.5 | 431.6 | 432.6 | 433.6 | 434.7 |
| 55° | 395.2 | 398.7 | 402.1 | 404.4 | 405.4 | 406.5 | 407.5 | 408.5 |
| 57.5° | 367.7 | 371.9 | 376.0 | 378.5 | 379.5 | 380.4 | 381.4 | 382.4 |
| 60° | 348.8 | 352.8 | 356.7 | 359.4 | 360.8 | 362.2 | 363.6 | 365.0 |
| 62.5° | 330.1 | 334.1 | 338.1 | 340.7 | 342.1 | 343.5 | 344.9 | 346.3 |
| 65° | 301.2 | 305.6 | 309.9 | 312.7 | 314.1 | 315.5 | 316.9 | 318.3 |
| 67.5° | 272.9 | 277.3 | 281.7 | 284.5 | 285.9 | 287.2 | 288.6 | 289.9 |
| 70° | 252.9 | 257.6 | 262.2 | 265.2 | 266.4 | 267.6 | 268.8 | 270.0 |
| 72.5° | 233.9 | 238.5 | 243.0 | 245.9 | 247.3 | 248.6 | 250.0 | 251.3 |
| 75° | 205.0 | 209.8 | 214.7 | 217.9 | 219.4 | 221.0 | 222.6 | 224.1 |
| 77.5° | 178.1 | 183.0 | 187.9 | 191.2 | 192.8 | 194.5 | 196.1 | 197.8 |
| 80° | 160.6 | 165.7 | 170.9 | 174.2 | 175.6 | 177.0 | 178.4 | 179.8 |
| 82.5° | 143.4 | 148.7 | 154.1 | 157.5 | 159.0 | 160.5 | 162.0 | 163.6 |
| 85° | 119.3 | 124.5 | 129.7 | 133.2 | 134.9 | 136.6 | 138.3 | 140.1 |
| 87.5° | 102.5 | 107.7 | 112.9 | 116.2 | 117.9 | 119.6 | 121.0 | 122.5 |
| 90° | 105.0 | 111.0 | 117.1 | 120.3 | 122.6 | 125.0 | 125.4 | 126.8 |
| 92.5° | 279.1 | 235.5 | 210.2 | 193.4 | 183.0 | 179.0 | 177.0 | 178.3 |
| 95° | 816.8 | 666.7 | 537.6 | 443.9 | 396.5 | 367.1 | 350.7 | 339.3 |
| 97.5° | 1164.9 | 1111.9 | 1018.8 | 917.6 | 847.4 | 788.8 | 760.3 | 741.1 |
| 100° | 1272.4 | 1297.1 | 1252.8 | 1181.9 | 1096.2 | 1036.6 | 1007.8 | 1001.0 |
| 102.5° | 1263.5 | 1367.0 | 1385.7 | 1357.9 | 1306.0 | 1263.2 | 1233.0 | 1227.9 |
| 105° | 1178.1 | 1355.1 | 1458.3 | 1502.1 | 1505.5 | 1498.9 | 1486.3 | 1481.7 |
| 107.5° | 1059.5 | 1247.6 | 1391.0 | 1482.8 | 1533.4 | 1557.4 | 1568.6 | 1572.5 |
| 110° | 987.7 | 1164.4 | 1313.1 | 1425.6 | 1497.9 | 1541.2 | 1560.6 | 1570.9 |



TEST NUMBER: P332567

CATALOG NUMBER: S124DIP-S575D1035U835-4F0-1E-UDD-D4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 934.0 | 1090.6 | 1231.2 | 1343.6 | 1425.5 | 1477.6 | 1504.1 | 1520.1 |
| 115° | 878.8 | 1005.4 | 1126.0 | 1224.3 | 1304.4 | 1365.5 | 1398.7 | 1407.9 |
| 117.5° | 848.9 | 954.2 | 1049.6 | 1133.3 | 1202.0 | 1253.7 | 1287.4 | 1295.0 |
| 120° | 834.4 | 930.7 | 1014.0 | 1087.3 | 1145.6 | 1190.9 | 1218.2 | 1230.6 |
| 122.5° | 821.7 | 914.8 | 990.9 | 1055.3 | 1104.7 | 1143.5 | 1166.7 | 1178.9 |
| 125° | 801.1 | 890.2 | 962.4 | 1019.4 | 1060.4 | 1090.4 | 1110.4 | 1117.4 |
| 127.5° | 776.1 | 861.2 | 933.0 | 987.3 | 1028.6 | 1055.5 | 1072.7 | 1079.9 |
| 130° | 757.0 | 839.0 | 910.0 | 964.9 | 1006.9 | 1032.9 | 1049.9 | 1056.9 |
| 132.5° | 737.4 | 814.5 | 883.8 | 938.7 | 979.8 | 1009.0 | 1025.2 | 1032.3 |
| 135° | 709.4 | 777.0 | 840.7 | 892.5 | 933.5 | 962.5 | 979.5 | 986.5 |
| 137.5° | 684.3 | 741.8 | 795.6 | 842.4 | 880.6 | 909.0 | 923.1 | 931.1 |
| 140° | 669.9 | 719.1 | 766.3 | 809.8 | 845.6 | 868.4 | 883.2 | 892.1 |
| 142.5° | 656.9 | 700.3 | 740.8 | 778.4 | 810.1 | 831.2 | 844.3 | 850.6 |
| 145° | 639.0 | 674.0 | 705.0 | 733.8 | 759.4 | 777.1 | 787.8 | 793.5 |
| 147.5° | 624.2 | 651.3 | 675.4 | 697.7 | 716.6 | 731.8 | 739.9 | 742.3 |
| 150° | 616.0 | 638.9 | 658.9 | 676.9 | 692.8 | 705.8 | 711.8 | 712.8 |
| 152.5° | 607.2 | 626.9 | 645.3 | 660.1 | 673.7 | 684.2 | 687.8 | 688.8 |
| 155° | 594.0 | 610.0 | 624.9 | 636.9 | 646.9 | 654.9 | 657.9 | 657.9 |
| 157.5° | 579.8 | 593.2 | 605.8 | 615.4 | 622.9 | 628.9 | 630.7 | 630.7 |
| 160° | 571.0 | 582.0 | 593.0 | 601.0 | 607.0 | 613.0 | 614.0 | 614.0 |
| 162.5° | 562.2 | 571.6 | 580.2 | 587.4 | 591.8 | 597.8 | 598.8 | 598.0 |
| 165° | 550.1 | 556.1 | 563.0 | 568.0 | 572.0 | 576.0 | 575.0 | 574.0 |
| 167.5° | 538.3 | 542.9 | 548.5 | 551.5 | 553.5 | 556.1 | 555.9 | 555.1 |
| 170° | 531.1 | 534.1 | 538.1 | 541.1 | 543.1 | 544.1 | 543.1 | 543.1 |
| 172.5° | 524.7 | 526.9 | 529.3 | 531.5 | 532.7 | 533.7 | 532.7 | 531.1 |
| 175° | 516.1 | 517.1 | 519.1 | 519.1 | 519.1 | 521.1 | 519.1 | 517.1 |
| 177.5° | 510.5 | 511.3 | 511.3 | 512.1 | 511.3 | 512.1 | 510.5 | 508.9 |
| 180° | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 | 508.1 |

(END OF REPORT)