

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: P333158-940

Luminaire Tested: **S125DIP-S375D1205U940-4F0-1E-UDD-F1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333158-940
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: S125DIP-S375D1205U940-4F0-1E-UDD-F1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
UPLIGHT 1205 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5073.9 lumens
Efficiency: N/A
Efficacy: 120.2 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-Indirect

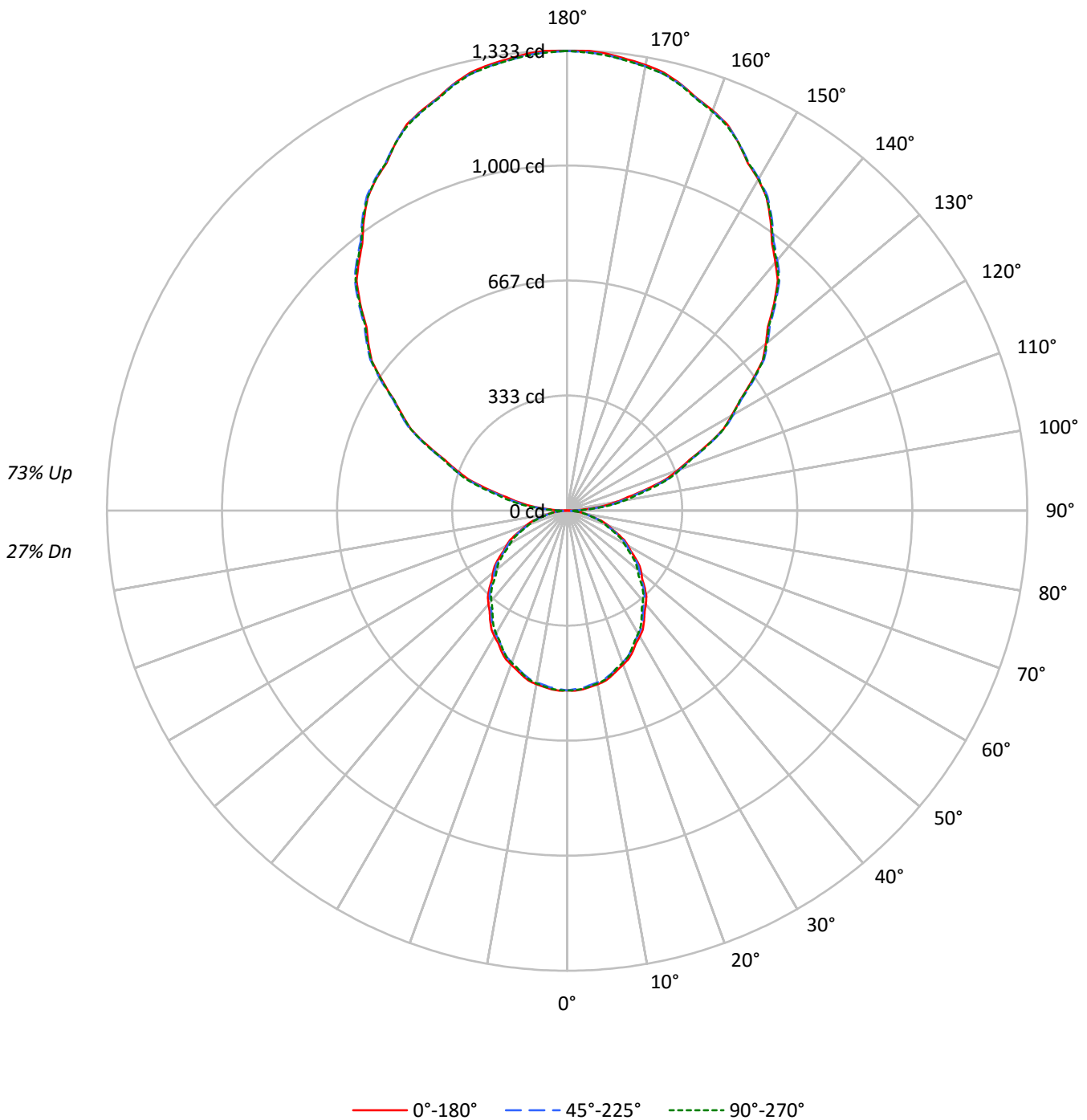
Input Watts (W): 42.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

Luminous Intensity Polar Plot





TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

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 | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 70 | 70 | 70 | 52 | 52 | 52 | 35 | 35 | 35 | 27 |
| 1 | 93 | 88 | 85 | 81 | 82 | 79 | 76 | 73 | 62 | 59 | 57 | 45 | 44 | 43 | 31 | 30 | 29 | 22 |
| 2 | 84 | 77 | 71 | 66 | 75 | 69 | 64 | 60 | 54 | 50 | 48 | 40 | 38 | 36 | 27 | 26 | 25 | 19 |
| 3 | 77 | 68 | 61 | 55 | 68 | 61 | 55 | 50 | 47 | 43 | 40 | 35 | 32 | 30 | 24 | 22 | 21 | 16 |
| 4 | 70 | 60 | 52 | 46 | 62 | 54 | 47 | 42 | 42 | 37 | 34 | 31 | 28 | 26 | 21 | 19 | 18 | 14 |
| 5 | 64 | 53 | 45 | 40 | 57 | 48 | 41 | 36 | 37 | 33 | 29 | 28 | 25 | 22 | 19 | 17 | 16 | 12 |
| 6 | 59 | 47 | 40 | 34 | 53 | 43 | 36 | 31 | 34 | 29 | 25 | 25 | 22 | 19 | 17 | 15 | 14 | 10 |
| 7 | 54 | 43 | 35 | 30 | 48 | 38 | 32 | 27 | 30 | 26 | 22 | 23 | 20 | 17 | 16 | 14 | 12 | 9 |
| 8 | 50 | 39 | 31 | 26 | 45 | 35 | 28 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 14 | 12 | 11 | 8 |
| 9 | 47 | 35 | 28 | 23 | 42 | 32 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 13 | 13 | 11 | 10 | 7 |
| 10 | 44 | 32 | 25 | 20 | 39 | 29 | 23 | 19 | 23 | 19 | 15 | 18 | 14 | 12 | 12 | 10 | 9 | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|------|------|
| 0° | 3364 | 3364 | 3364 |
| 5° | 3371 | 3339 | 3361 |
| 10° | 3351 | 3316 | 3335 |
| 15° | 3315 | 3276 | 3290 |
| 20° | 3263 | 3221 | 3226 |
| 25° | 3207 | 3154 | 3151 |
| 30° | 3138 | 3082 | 3067 |
| 35° | 3064 | 3005 | 2964 |
| 40° | 2989 | 2922 | 2880 |
| 45° | 2906 | 2846 | 2789 |
| 50° | 2816 | 2753 | 2671 |
| 55° | 2728 | 2649 | 2575 |
| 60° | 2623 | 2545 | 2454 |
| 65° | 2500 | 2419 | 2337 |
| 70° | 2381 | 2274 | 2194 |
| 75° | 2168 | 2099 | 2024 |
| 80° | 1930 | 1901 | 1852 |
| 85° | 1675 | 1712 | 1615 |



TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 49.1 | 1.0 |
| 10°-20° | 138.7 | 2.7 |
| 20°-30° | 204.9 | 4.0 |
| 30°-40° | 239.0 | 4.7 |
| 40°-50° | 240.1 | 4.7 |
| 50°-60° | 210.7 | 4.2 |
| 60°-70° | 157.0 | 3.1 |
| 70°-80° | 89.8 | 1.8 |
| 80°-90° | 29.0 | 0.6 |
| 90°-100° | 89.2 | 1.8 |
| 100°-110° | 263.4 | 5.2 |
| 110°-120° | 446.1 | 8.8 |
| 120°-130° | 587.0 | 11.6 |
| 130°-140° | 657.8 | 13.0 |
| 140°-150° | 644.7 | 12.7 |
| 150°-160° | 541.5 | 10.7 |
| 160°-170° | 359.9 | 7.1 |
| 170°-180° | 126.0 | 2.5 |
| 0°-30° | 392.7 | 7.7 |
| 0°-40° | 631.7 | 12.5 |
| 0°-60° | 1082.6 | 21.3 |
| 0°-90° | 1358.4 | 26.8 |
| 90°-120° | 798.6 | 15.7 |
| 90°-150° | 2688.1 | 53.0 |
| 90°-180° | 3716.0 | 73.2 |
| 0°-180° | 5073.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 521 | 521 | 521 | 521 | 521 | |
| 5° | 520 | 519 | 515 | 519 | 518 | 49 |
| 15° | 496 | 494 | 490 | 492 | 492 | 140 |
| 25° | 450 | 448 | 443 | 443 | 442 | 207 |
| 35° | 389 | 387 | 381 | 379 | 376 | 243 |
| 45° | 318 | 316 | 312 | 307 | 305 | 245 |
| 55° | 242 | 241 | 235 | 232 | 229 | 216 |
| 65° | 164 | 163 | 158 | 155 | 153 | 162 |
| 75° | 87 | 86 | 84 | 83 | 81 | 93 |
| 85° | 23 | 23 | 23 | 23 | 22 | 25 |
| 90° | 1 | 9 | 17 | 22 | 25 | 5 |
| 95° | 67 | 70 | 80 | 87 | 89 | 72 |
| 105° | 236 | 242 | 248 | 254 | 257 | 252 |
| 115° | 447 | 451 | 453 | 452 | 451 | 442 |
| 125° | 652 | 658 | 659 | 657 | 656 | 584 |
| 135° | 848 | 854 | 855 | 855 | 851 | 653 |
| 145° | 1027 | 1031 | 1034 | 1034 | 1031 | 642 |
| 155° | 1175 | 1175 | 1176 | 1180 | 1175 | 541 |
| 165° | 1278 | 1276 | 1277 | 1280 | 1274 | 360 |
| 175° | 1328 | 1324 | 1324 | 1330 | 1323 | 126 |
| 180° | 1332 | 1332 | 1332 | 1332 | 1332 | |



TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 |
| 2.5° | 522.2 | 522.0 | 521.8 | 521.6 | 521.4 | 520.8 | 520.1 | 519.4 | 518.7 | 517.9 | 518.7 |
| 5° | 520.0 | 519.9 | 519.7 | 519.5 | 519.3 | 518.8 | 517.9 | 517.0 | 516.0 | 515.1 | 515.9 |
| 7.5° | 515.3 | 515.1 | 515.0 | 514.8 | 514.6 | 514.0 | 513.0 | 511.9 | 511.0 | 510.0 | 510.8 |
| 10° | 511.0 | 510.9 | 510.7 | 510.5 | 510.3 | 509.7 | 508.7 | 507.7 | 506.7 | 505.7 | 506.4 |
| 12.5° | 505.8 | 505.4 | 505.1 | 504.8 | 504.4 | 503.8 | 502.8 | 501.9 | 501.0 | 500.1 | 500.6 |
| 15° | 495.8 | 495.5 | 495.3 | 495.0 | 494.6 | 494.0 | 493.0 | 492.0 | 491.0 | 490.0 | 490.4 |
| 17.5° | 484.3 | 483.9 | 483.5 | 483.1 | 482.7 | 482.0 | 480.9 | 479.9 | 478.8 | 477.8 | 478.4 |
| 20° | 474.7 | 474.6 | 474.4 | 474.2 | 474.0 | 473.3 | 472.2 | 470.9 | 469.8 | 468.6 | 469.2 |
| 22.5° | 465.2 | 464.8 | 464.5 | 464.2 | 463.9 | 463.2 | 462.0 | 460.9 | 459.8 | 458.7 | 459.1 |
| 25° | 450.0 | 449.6 | 449.1 | 448.6 | 448.2 | 447.4 | 446.2 | 445.0 | 443.8 | 442.6 | 442.8 |
| 27.5° | 432.3 | 432.0 | 431.8 | 431.5 | 431.2 | 430.4 | 429.3 | 428.0 | 426.8 | 425.5 | 425.6 |
| 30° | 420.8 | 420.5 | 420.2 | 419.9 | 419.6 | 418.8 | 417.5 | 416.1 | 414.7 | 413.3 | 413.1 |
| 32.5° | 408.2 | 407.8 | 407.4 | 407.0 | 406.5 | 405.7 | 404.5 | 403.2 | 402.1 | 400.8 | 400.5 |
| 35° | 388.6 | 388.3 | 387.9 | 387.5 | 387.2 | 386.3 | 385.0 | 383.8 | 382.5 | 381.2 | 380.8 |
| 37.5° | 368.3 | 367.8 | 367.4 | 366.8 | 366.4 | 365.6 | 364.4 | 363.2 | 361.9 | 360.8 | 360.1 |
| 40° | 354.5 | 353.9 | 353.5 | 353.0 | 352.6 | 351.7 | 350.4 | 349.2 | 347.9 | 346.6 | 345.8 |
| 42.5° | 339.6 | 339.2 | 338.9 | 338.4 | 338.0 | 337.2 | 335.9 | 334.7 | 333.3 | 332.1 | 331.4 |
| 45° | 318.2 | 317.8 | 317.4 | 317.1 | 316.6 | 315.9 | 314.9 | 313.8 | 312.6 | 311.6 | 310.5 |
| 47.5° | 295.1 | 295.1 | 295.1 | 295.2 | 295.2 | 294.5 | 293.2 | 291.9 | 290.5 | 289.2 | 288.1 |
| 50° | 280.3 | 280.0 | 279.7 | 279.4 | 279.1 | 278.5 | 277.3 | 276.3 | 275.2 | 274.0 | 272.9 |
| 52.5° | 265.1 | 264.8 | 264.7 | 264.5 | 264.3 | 263.6 | 262.4 | 261.3 | 260.0 | 258.9 | 257.9 |
| 55° | 242.3 | 242.0 | 241.7 | 241.5 | 241.2 | 240.4 | 239.2 | 237.9 | 236.6 | 235.3 | 234.5 |
| 57.5° | 218.4 | 218.2 | 218.0 | 217.9 | 217.8 | 217.1 | 216.1 | 215.0 | 213.9 | 212.9 | 211.8 |
| 60° | 203.1 | 202.8 | 202.4 | 202.1 | 201.7 | 201.0 | 200.0 | 199.0 | 198.0 | 197.0 | 196.1 |
| 62.5° | 187.3 | 187.1 | 186.7 | 186.5 | 186.2 | 185.6 | 184.8 | 183.9 | 183.0 | 182.2 | 181.2 |
| 65° | 163.6 | 163.5 | 163.3 | 163.1 | 162.9 | 162.3 | 161.3 | 160.2 | 159.3 | 158.3 | 157.4 |
| 67.5° | 140.6 | 140.3 | 139.8 | 139.5 | 139.1 | 138.5 | 137.8 | 137.0 | 136.3 | 135.5 | 134.8 |
| 70° | 126.1 | 125.6 | 125.2 | 124.8 | 124.3 | 123.6 | 122.8 | 122.0 | 121.2 | 120.4 | 119.8 |
| 72.5° | 110.3 | 109.9 | 109.7 | 109.3 | 109.1 | 108.6 | 108.1 | 107.5 | 107.0 | 106.5 | 105.8 |
| 75° | 86.9 | 86.8 | 86.6 | 86.4 | 86.2 | 85.9 | 85.4 | 85.0 | 84.5 | 84.1 | 83.8 |
| 77.5° | 65.5 | 65.4 | 65.3 | 65.2 | 65.2 | 65.0 | 64.7 | 64.5 | 64.2 | 63.9 | 63.8 |
| 80° | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.8 | 51.6 | 51.5 | 51.3 | 51.1 | 51.0 |
| 82.5° | 40.0 | 39.9 | 39.8 | 39.6 | 39.5 | 39.4 | 39.3 | 39.3 | 39.2 | 39.2 | 39.1 |
| 85° | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.1 | 23.1 | 23.1 | 23.1 | 23.0 |
| 87.5° | 9.1 | 9.5 | 9.8 | 10.3 | 10.6 | 10.9 | 11.1 | 11.4 | 11.7 | 11.9 | 12.1 |
| 90° | 1.1 | 2.9 | 4.7 | 6.6 | 8.4 | 10.2 | 11.8 | 13.4 | 15.0 | 16.6 | 17.7 |
| 92.5° | 25.1 | 26.4 | 27.6 | 29.0 | 30.2 | 31.8 | 33.9 | 35.8 | 37.8 | 39.8 | 41.3 |
| 95° | 67.3 | 67.8 | 68.3 | 68.8 | 69.2 | 70.5 | 72.9 | 75.2 | 77.5 | 79.8 | 81.4 |
| 97.5° | 111.9 | 112.1 | 112.3 | 112.4 | 112.6 | 114.3 | 117.5 | 120.6 | 123.9 | 127.1 | 128.6 |
| 100° | 145.1 | 145.1 | 145.1 | 145.1 | 145.1 | 146.6 | 149.5 | 152.6 | 155.5 | 158.5 | 160.6 |
| 102.5° | 180.7 | 181.6 | 182.5 | 183.5 | 184.4 | 185.7 | 187.2 | 188.7 | 190.2 | 191.7 | 193.9 |
| 105° | 236.2 | 237.4 | 238.5 | 239.7 | 240.9 | 242.1 | 243.5 | 244.9 | 246.3 | 247.6 | 249.1 |
| 107.5° | 297.6 | 298.7 | 299.9 | 301.0 | 302.2 | 303.3 | 304.3 | 305.4 | 306.5 | 307.6 | 308.3 |
| 110° | 339.9 | 341.0 | 342.1 | 343.3 | 344.5 | 345.4 | 346.1 | 346.8 | 347.5 | 348.1 | 348.8 |



TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 383.0 | 383.6 | 384.1 | 384.8 | 385.4 | 386.1 | 387.0 | 387.9 | 388.7 | 389.6 | 389.9 |
| 115° | 446.6 | 447.5 | 448.4 | 449.3 | 450.3 | 450.9 | 451.5 | 451.9 | 452.4 | 452.8 | 452.6 |
| 117.5° | 510.4 | 510.9 | 511.3 | 511.7 | 512.1 | 512.5 | 512.9 | 513.4 | 513.7 | 514.2 | 514.3 |
| 120° | 550.2 | 551.3 | 552.5 | 553.7 | 554.8 | 555.5 | 555.7 | 556.0 | 556.2 | 556.4 | 556.4 |
| 122.5° | 593.3 | 593.8 | 594.1 | 594.6 | 594.9 | 595.5 | 596.1 | 596.7 | 597.3 | 597.9 | 597.7 |
| 125° | 651.8 | 653.2 | 654.5 | 655.9 | 657.3 | 658.1 | 658.4 | 658.5 | 658.8 | 659.1 | 658.5 |
| 127.5° | 714.0 | 714.7 | 715.5 | 716.3 | 717.1 | 717.6 | 717.9 | 718.2 | 718.5 | 718.7 | 718.5 |
| 130° | 751.3 | 752.4 | 753.6 | 754.7 | 755.8 | 756.7 | 757.2 | 757.6 | 758.0 | 758.5 | 758.3 |
| 132.5° | 788.5 | 790.4 | 792.4 | 794.2 | 796.1 | 797.0 | 796.9 | 796.8 | 796.7 | 796.7 | 796.4 |
| 135° | 847.7 | 849.0 | 850.4 | 851.8 | 853.2 | 854.0 | 854.2 | 854.4 | 854.6 | 854.9 | 854.9 |
| 137.5° | 903.1 | 904.5 | 905.8 | 907.1 | 908.5 | 909.5 | 909.9 | 910.4 | 911.0 | 911.4 | 911.7 |
| 140° | 938.8 | 940.0 | 941.1 | 942.3 | 943.4 | 944.3 | 945.0 | 945.7 | 946.4 | 947.1 | 947.5 |
| 142.5° | 974.5 | 975.4 | 976.4 | 977.3 | 978.3 | 979.3 | 980.1 | 981.0 | 981.9 | 982.8 | 983.0 |
| 145° | 1026.9 | 1027.8 | 1028.8 | 1029.7 | 1030.6 | 1031.4 | 1032.1 | 1032.8 | 1033.4 | 1034.1 | 1034.1 |
| 147.5° | 1075.4 | 1075.8 | 1076.4 | 1076.9 | 1077.4 | 1077.9 | 1078.5 | 1079.1 | 1079.6 | 1080.1 | 1080.7 |
| 150° | 1107.7 | 1107.5 | 1107.2 | 1107.1 | 1106.8 | 1107.1 | 1108.0 | 1108.9 | 1109.9 | 1110.8 | 1110.8 |
| 152.5° | 1134.3 | 1134.5 | 1134.9 | 1135.2 | 1135.5 | 1135.9 | 1136.2 | 1136.6 | 1137.0 | 1137.4 | 1137.9 |
| 155° | 1175.1 | 1175.1 | 1175.1 | 1175.1 | 1175.1 | 1175.2 | 1175.5 | 1175.6 | 1175.9 | 1176.1 | 1177.1 |
| 157.5° | 1211.6 | 1211.0 | 1210.5 | 1210.1 | 1209.5 | 1209.3 | 1209.6 | 1209.9 | 1210.1 | 1210.3 | 1211.2 |
| 160° | 1233.1 | 1232.4 | 1231.7 | 1231.0 | 1230.3 | 1230.1 | 1230.3 | 1230.6 | 1230.8 | 1231.0 | 1231.9 |
| 162.5° | 1252.1 | 1251.7 | 1251.2 | 1250.6 | 1250.1 | 1249.9 | 1249.9 | 1250.0 | 1250.0 | 1250.1 | 1251.2 |
| 165° | 1277.6 | 1277.2 | 1276.8 | 1276.3 | 1275.8 | 1275.7 | 1275.9 | 1276.1 | 1276.4 | 1276.6 | 1277.6 |
| 167.5° | 1299.2 | 1298.2 | 1297.4 | 1296.5 | 1295.5 | 1295.0 | 1295.0 | 1295.0 | 1295.0 | 1295.0 | 1296.5 |
| 170° | 1310.8 | 1309.9 | 1308.9 | 1308.1 | 1307.2 | 1306.6 | 1306.6 | 1306.6 | 1306.6 | 1306.6 | 1308.1 |
| 172.5° | 1319.1 | 1318.2 | 1317.2 | 1316.3 | 1315.5 | 1314.9 | 1314.9 | 1314.9 | 1314.9 | 1314.9 | 1316.3 |
| 175° | 1328.4 | 1327.5 | 1326.6 | 1325.6 | 1324.7 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1325.6 |
| 177.5° | 1333.2 | 1332.5 | 1331.7 | 1331.0 | 1330.3 | 1329.8 | 1329.6 | 1329.5 | 1329.2 | 1329.0 | 1330.2 |
| 180° | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 |



TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 | 520.9 |
| 2.5° | 519.4 | 520.1 | 520.8 | 521.2 | 521.1 | 521.0 | 521.0 | 520.9 |
| 5° | 516.7 | 517.6 | 518.4 | 518.8 | 518.7 | 518.6 | 518.5 | 518.4 |
| 7.5° | 511.6 | 512.4 | 513.2 | 513.5 | 513.4 | 513.4 | 513.3 | 513.2 |
| 10° | 507.1 | 507.8 | 508.6 | 508.9 | 508.8 | 508.7 | 508.6 | 508.5 |
| 12.5° | 501.2 | 501.9 | 502.4 | 502.7 | 502.7 | 502.7 | 502.7 | 502.6 |
| 15° | 490.9 | 491.3 | 491.9 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 |
| 17.5° | 478.9 | 479.5 | 480.1 | 480.1 | 479.7 | 479.2 | 478.8 | 478.3 |
| 20° | 469.8 | 470.5 | 471.1 | 471.3 | 470.7 | 470.3 | 469.8 | 469.4 |
| 22.5° | 459.5 | 459.9 | 460.4 | 460.4 | 460.1 | 459.8 | 459.5 | 459.1 |
| 25° | 443.0 | 443.2 | 443.4 | 443.3 | 443.0 | 442.7 | 442.5 | 442.2 |
| 27.5° | 425.6 | 425.6 | 425.7 | 425.6 | 425.3 | 425.0 | 424.7 | 424.5 |
| 30° | 413.0 | 412.8 | 412.6 | 412.4 | 412.1 | 411.9 | 411.5 | 411.3 |
| 32.5° | 400.2 | 399.8 | 399.5 | 399.1 | 398.6 | 398.1 | 397.6 | 397.1 |
| 35° | 380.3 | 379.9 | 379.3 | 378.8 | 378.1 | 377.3 | 376.6 | 375.9 |
| 37.5° | 359.4 | 358.7 | 358.0 | 357.5 | 357.0 | 356.7 | 356.2 | 355.8 |
| 40° | 344.9 | 344.1 | 343.3 | 342.8 | 342.5 | 342.1 | 341.9 | 341.6 |
| 42.5° | 330.6 | 329.8 | 329.0 | 328.5 | 328.1 | 327.6 | 327.3 | 326.8 |
| 45° | 309.3 | 308.3 | 307.2 | 306.5 | 306.2 | 305.9 | 305.7 | 305.4 |
| 47.5° | 287.0 | 285.9 | 284.7 | 283.8 | 283.2 | 282.6 | 282.0 | 281.3 |
| 50° | 271.7 | 270.5 | 269.3 | 268.4 | 267.7 | 267.1 | 266.4 | 265.8 |
| 52.5° | 256.8 | 255.7 | 254.7 | 253.9 | 253.2 | 252.4 | 251.7 | 251.0 |
| 55° | 233.6 | 232.8 | 232.0 | 231.3 | 230.7 | 230.0 | 229.3 | 228.7 |
| 57.5° | 210.7 | 209.6 | 208.6 | 207.9 | 207.5 | 207.1 | 206.8 | 206.4 |
| 60° | 195.2 | 194.2 | 193.3 | 192.5 | 191.9 | 191.3 | 190.6 | 190.0 |
| 62.5° | 180.2 | 179.1 | 178.2 | 177.5 | 177.0 | 176.5 | 175.9 | 175.5 |
| 65° | 156.6 | 155.8 | 155.0 | 154.4 | 154.0 | 153.6 | 153.3 | 152.9 |
| 67.5° | 134.1 | 133.4 | 132.7 | 132.2 | 132.1 | 131.8 | 131.6 | 131.3 |
| 70° | 119.2 | 118.7 | 118.2 | 117.7 | 117.3 | 117.0 | 116.5 | 116.2 |
| 72.5° | 105.2 | 104.6 | 104.0 | 103.5 | 103.2 | 102.8 | 102.4 | 102.0 |
| 75° | 83.6 | 83.3 | 82.9 | 82.7 | 82.3 | 81.9 | 81.6 | 81.1 |
| 77.5° | 63.7 | 63.5 | 63.3 | 63.1 | 62.9 | 62.6 | 62.3 | 62.1 |
| 80° | 50.9 | 50.8 | 50.7 | 50.6 | 50.4 | 50.2 | 50.0 | 49.8 |
| 82.5° | 38.9 | 38.7 | 38.6 | 38.4 | 38.4 | 38.4 | 38.3 | 38.3 |
| 85° | 22.9 | 22.8 | 22.7 | 22.6 | 22.4 | 22.2 | 22.0 | 21.8 |
| 87.5° | 12.3 | 12.6 | 12.8 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 |
| 90° | 18.9 | 20.1 | 21.2 | 22.1 | 22.8 | 23.5 | 24.2 | 24.9 |
| 92.5° | 42.8 | 44.3 | 45.8 | 46.9 | 47.3 | 47.9 | 48.4 | 48.9 |
| 95° | 83.0 | 84.6 | 86.2 | 87.3 | 87.7 | 88.2 | 88.6 | 89.1 |
| 97.5° | 130.1 | 131.6 | 133.1 | 134.0 | 134.3 | 134.6 | 134.8 | 135.1 |
| 100° | 162.6 | 164.8 | 166.8 | 168.1 | 168.5 | 169.0 | 169.5 | 170.0 |
| 102.5° | 196.2 | 198.5 | 200.7 | 202.2 | 202.9 | 203.5 | 204.1 | 204.7 |
| 105° | 250.4 | 251.8 | 253.2 | 254.2 | 254.9 | 255.6 | 256.3 | 257.0 |
| 107.5° | 308.9 | 309.6 | 310.3 | 310.7 | 310.6 | 310.6 | 310.5 | 310.4 |
| 110° | 349.6 | 350.3 | 350.9 | 351.2 | 350.9 | 350.7 | 350.4 | 350.3 |



TEST NUMBER: P333158-940

CATALOG NUMBER: S125DIP-S375D1205U940-4F0-1E-UDD-F1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 390.3 | 390.6 | 390.9 | 390.8 | 390.5 | 390.0 | 389.6 | 389.2 |
| 115° | 452.4 | 452.1 | 451.9 | 451.7 | 451.5 | 451.2 | 450.9 | 450.8 |
| 117.5° | 514.5 | 514.7 | 514.9 | 514.5 | 513.6 | 512.7 | 511.8 | 510.9 |
| 120° | 556.4 | 556.4 | 556.4 | 556.0 | 555.1 | 554.1 | 553.2 | 552.3 |
| 122.5° | 597.5 | 597.4 | 597.2 | 596.7 | 595.9 | 595.2 | 594.5 | 593.8 |
| 125° | 658.1 | 657.6 | 657.2 | 656.8 | 656.7 | 656.4 | 656.1 | 655.9 |
| 127.5° | 718.3 | 718.0 | 717.8 | 717.5 | 717.0 | 716.5 | 716.0 | 715.6 |
| 130° | 758.0 | 757.8 | 757.6 | 757.2 | 756.8 | 756.3 | 755.8 | 755.4 |
| 132.5° | 796.2 | 795.9 | 795.7 | 795.3 | 794.6 | 794.0 | 793.4 | 792.7 |
| 135° | 854.9 | 854.9 | 854.9 | 854.4 | 853.5 | 852.6 | 851.7 | 850.7 |
| 137.5° | 912.0 | 912.3 | 912.6 | 912.1 | 911.0 | 909.8 | 908.7 | 907.5 |
| 140° | 948.0 | 948.5 | 949.0 | 948.6 | 947.4 | 946.3 | 945.1 | 944.0 |
| 142.5° | 983.3 | 983.6 | 983.8 | 983.4 | 982.2 | 981.1 | 980.0 | 978.8 |
| 145° | 1034.1 | 1034.1 | 1034.1 | 1033.8 | 1033.1 | 1032.4 | 1031.7 | 1031.0 |
| 147.5° | 1081.3 | 1081.8 | 1082.4 | 1081.8 | 1080.3 | 1078.7 | 1077.2 | 1075.6 |
| 150° | 1110.8 | 1110.8 | 1110.8 | 1110.6 | 1110.1 | 1109.6 | 1109.2 | 1108.8 |
| 152.5° | 1138.4 | 1139.0 | 1139.5 | 1139.4 | 1138.6 | 1137.7 | 1136.9 | 1136.1 |
| 155° | 1177.9 | 1178.8 | 1179.8 | 1179.6 | 1178.5 | 1177.3 | 1176.3 | 1175.1 |
| 157.5° | 1212.1 | 1213.1 | 1214.0 | 1213.7 | 1212.2 | 1210.7 | 1209.2 | 1207.6 |
| 160° | 1232.9 | 1233.8 | 1234.7 | 1234.6 | 1233.4 | 1232.3 | 1231.1 | 1230.0 |
| 162.5° | 1252.3 | 1253.4 | 1254.5 | 1254.4 | 1253.0 | 1251.7 | 1250.4 | 1249.0 |
| 165° | 1278.4 | 1279.3 | 1280.3 | 1280.1 | 1278.7 | 1277.3 | 1275.9 | 1274.5 |
| 167.5° | 1297.8 | 1299.2 | 1300.6 | 1300.6 | 1299.1 | 1297.7 | 1296.3 | 1294.9 |
| 170° | 1309.4 | 1310.8 | 1312.2 | 1312.1 | 1310.5 | 1308.9 | 1307.2 | 1305.6 |
| 172.5° | 1317.7 | 1319.1 | 1320.4 | 1320.4 | 1319.0 | 1317.6 | 1316.2 | 1314.7 |
| 175° | 1327.0 | 1328.4 | 1329.8 | 1329.7 | 1328.1 | 1326.5 | 1324.8 | 1323.2 |
| 177.5° | 1331.2 | 1332.4 | 1333.5 | 1333.4 | 1332.1 | 1330.8 | 1329.5 | 1328.2 |
| 180° | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 | 1331.5 |

(END OF REPORT)