

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: P334295

Luminaire Tested: **S125DW-S375D940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P334295  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DW-S375D940-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT LED LUMINAIRE, ASYMMETRIC DIFFUSER  
PENDANT/SURFACE/WALL MOUNT, 375 LUMENS PER FOOT  
Light Source: 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1294.2 lumens  
Efficiency: N/A  
Efficacy: 111.6 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.53  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Direct

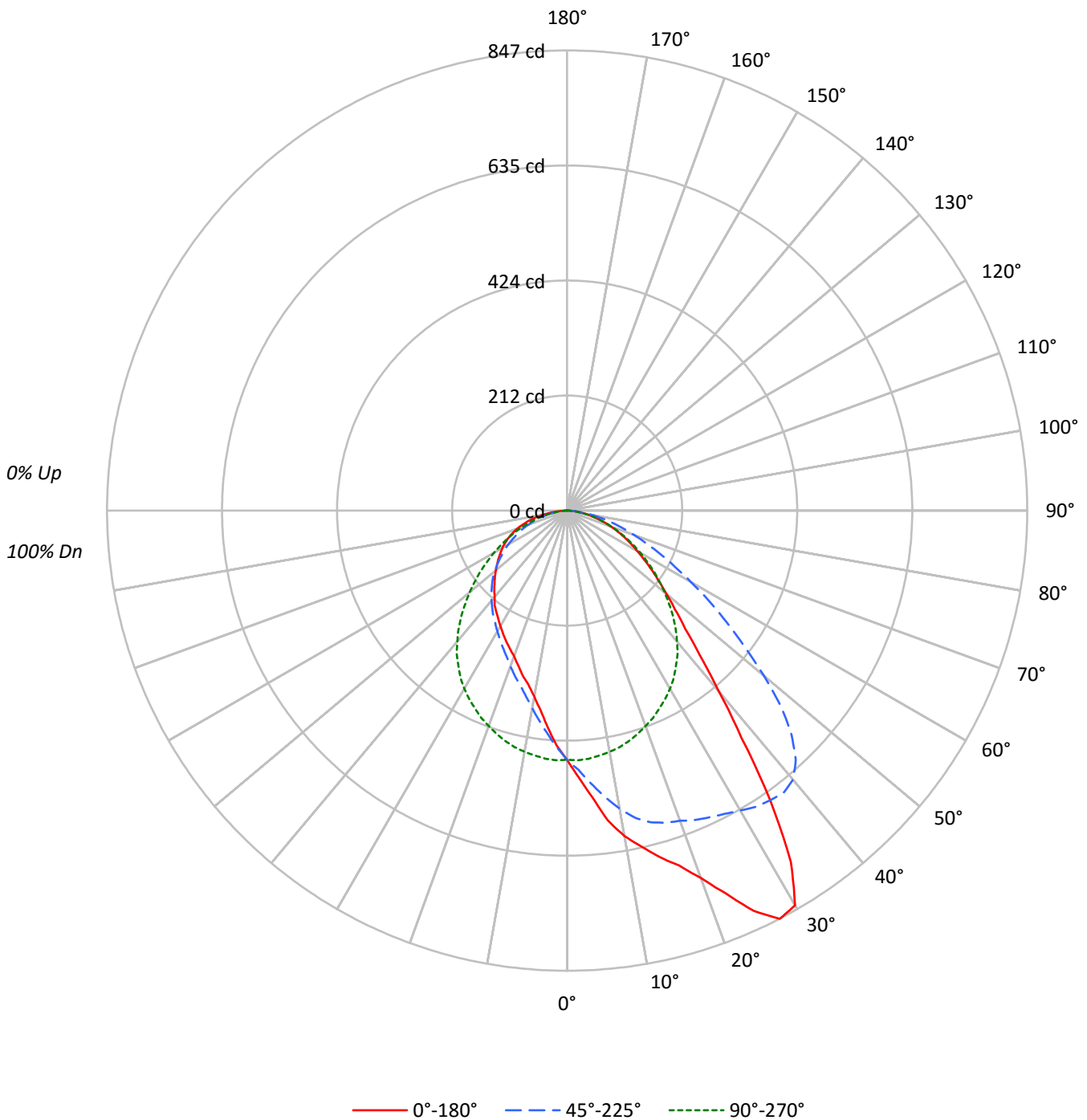
Input Watts (W): 11.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 99  | 96  | 93  | 95  | 92  | 90  | 91  | 89  | 87  | 85  |
| 2   | 100 | 92  | 86  | 80  | 98  | 90  | 84  | 79  | 87  | 82  | 78  | 84  | 80  | 76  | 81  | 77  | 74  | 72  |
| 3   | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 65  | 72  | 67  | 64  | 61  |
| 4   | 84  | 73  | 64  | 58  | 82  | 71  | 63  | 57  | 69  | 62  | 57  | 67  | 61  | 56  | 64  | 59  | 55  | 53  |
| 5   | 78  | 65  | 56  | 50  | 76  | 64  | 56  | 50  | 62  | 55  | 49  | 60  | 54  | 49  | 58  | 53  | 48  | 46  |
| 6   | 72  | 59  | 50  | 44  | 70  | 58  | 50  | 44  | 56  | 49  | 43  | 54  | 48  | 43  | 53  | 47  | 43  | 41  |
| 7   | 67  | 53  | 45  | 39  | 65  | 53  | 45  | 39  | 51  | 44  | 39  | 50  | 43  | 38  | 48  | 42  | 38  | 36  |
| 8   | 62  | 49  | 41  | 35  | 61  | 48  | 40  | 35  | 47  | 40  | 34  | 46  | 39  | 34  | 44  | 39  | 34  | 32  |
| 9   | 58  | 45  | 37  | 31  | 57  | 44  | 37  | 31  | 43  | 36  | 31  | 42  | 36  | 31  | 41  | 35  | 31  | 29  |
| 10  | 54  | 41  | 34  | 28  | 53  | 41  | 33  | 28  | 40  | 33  | 28  | 39  | 33  | 28  | 38  | 32  | 28  | 26  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 90°  | 180° |
|-----|------|------|------|
| 0°  | 2962 | 2962 | 2962 |
| 5°  | 3430 | 2972 | 2602 |
| 10° | 3991 | 2956 | 2280 |
| 15° | 4418 | 2935 | 2103 |
| 20° | 4945 | 2900 | 1962 |
| 25° | 5793 | 2862 | 1892 |
| 30° | 6257 | 2823 | 1832 |
| 35° | 5144 | 2752 | 1793 |
| 40° | 3656 | 2652 | 1749 |
| 45° | 2809 | 2517 | 1724 |
| 50° | 2398 | 2351 | 1721 |
| 55° | 2135 | 2188 | 1736 |
| 60° | 1926 | 2009 | 1780 |
| 65° | 1779 | 1829 | 1826 |
| 70° | 1618 | 1643 | 1852 |
| 75° | 1427 | 1447 | 1837 |
| 80° | 1201 | 1179 | 1681 |
| 85° | 948  | 852  | 1356 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 44.1   | 3.4       |
| 10°-20°   | 131.5  | 10.2      |
| 20°-30°   | 213.6  | 16.5      |
| 30°-40°   | 261.0  | 20.2      |
| 40°-50°   | 236.8  | 18.3      |
| 50°-60°   | 188.6  | 14.6      |
| 60°-70°   | 131.4  | 10.1      |
| 70°-80°   | 70.0   | 5.4       |
| 80°-90°   | 17.4   | 1.3       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 389.2  | 30.1      |
| 0°-40°    | 650.2  | 50.2      |
| 0°-60°    | 1075.6 | 83.1      |
| 0°-90°    | 1294.2 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1294.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 459 | 459 | 459 | 459  | 459  |      |
| 5°  | 529 | 504 | 458 | 412  | 401  | 53   |
| 15° | 661 | 594 | 439 | 333  | 315  | 189  |
| 25° | 813 | 623 | 402 | 279  | 266  | 372  |
| 35° | 652 | 651 | 349 | 236  | 227  | 400  |
| 45° | 308 | 584 | 276 | 196  | 189  | 245  |
| 55° | 190 | 358 | 194 | 149  | 154  | 170  |
| 65° | 116 | 190 | 120 | 101  | 120  | 115  |
| 75° | 57  | 84  | 58  | 53   | 74   | 62   |
| 85° | 13  | 17  | 12  | 12   | 18   | 15   |
| 90° | 0   | 0   | 0   | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 |
| 2.5°  | 491.7 | 490.9 | 490.2 | 488.6 | 489.8 | 486.5 | 484.9 | 482.2 | 478.9 | 477.7 | 476.3 |
| 5°    | 529.1 | 530.1 | 531.0 | 526.9 | 527.3 | 524.6 | 518.4 | 513.3 | 509.2 | 504.0 | 500.3 |
| 7.5°  | 575.4 | 572.5 | 572.7 | 570.2 | 565.7 | 562.0 | 556.0 | 547.6 | 540.0 | 531.4 | 524.0 |
| 10°   | 608.5 | 608.7 | 607.0 | 603.8 | 599.0 | 595.5 | 586.9 | 578.7 | 568.8 | 557.1 | 548.8 |
| 12.5° | 633.4 | 634.4 | 632.1 | 627.6 | 625.8 | 616.9 | 610.7 | 600.5 | 588.3 | 579.5 | 565.7 |
| 15°   | 660.7 | 658.5 | 657.0 | 651.7 | 647.6 | 639.5 | 628.8 | 618.6 | 605.8 | 593.9 | 582.0 |
| 17.5° | 684.8 | 686.6 | 684.0 | 680.1 | 668.1 | 658.5 | 645.3 | 632.5 | 617.1 | 602.3 | 588.5 |
| 20°   | 719.5 | 721.0 | 716.6 | 708.2 | 693.0 | 683.5 | 664.6 | 646.7 | 628.2 | 607.7 | 592.2 |
| 22.5° | 762.7 | 760.7 | 754.3 | 740.5 | 727.8 | 708.2 | 687.4 | 664.6 | 640.2 | 616.5 | 594.5 |
| 25°   | 812.9 | 804.7 | 801.0 | 785.3 | 767.9 | 742.1 | 714.0 | 682.1 | 653.3 | 622.7 | 596.2 |
| 27.5° | 847.2 | 843.9 | 838.6 | 825.8 | 805.9 | 776.5 | 743.4 | 705.3 | 666.5 | 629.1 | 595.9 |
| 30°   | 839.0 | 839.4 | 839.8 | 836.3 | 824.6 | 803.8 | 770.9 | 729.0 | 680.7 | 637.3 | 597.2 |
| 32.5° | 766.6 | 775.3 | 783.7 | 794.6 | 801.6 | 801.8 | 784.3 | 747.5 | 697.5 | 646.7 | 596.4 |
| 35°   | 652.5 | 654.6 | 676.6 | 698.4 | 728.0 | 751.0 | 766.4 | 749.6 | 707.8 | 651.1 | 595.9 |
| 37.5° | 527.5 | 538.2 | 554.8 | 579.3 | 623.7 | 659.9 | 707.4 | 723.8 | 704.1 | 654.8 | 595.7 |
| 40°   | 433.7 | 443.4 | 453.4 | 478.5 | 514.5 | 560.8 | 616.7 | 664.4 | 675.5 | 646.7 | 589.8 |
| 42.5° | 361.3 | 368.5 | 379.8 | 397.1 | 425.7 | 465.4 | 518.2 | 584.2 | 629.3 | 622.9 | 577.6 |
| 45°   | 307.6 | 312.4 | 321.0 | 336.0 | 357.8 | 389.9 | 437.0 | 505.1 | 564.5 | 584.2 | 556.7 |
| 47.5° | 269.4 | 269.6 | 276.6 | 287.3 | 303.9 | 333.5 | 368.7 | 424.8 | 488.8 | 534.2 | 527.7 |
| 50°   | 238.7 | 237.7 | 242.9 | 251.9 | 264.4 | 282.5 | 315.7 | 358.4 | 419.3 | 472.4 | 487.2 |
| 52.5° | 212.2 | 212.6 | 215.3 | 221.3 | 231.3 | 246.1 | 268.8 | 306.2 | 356.0 | 410.9 | 442.1 |
| 55°   | 189.6 | 188.8 | 192.5 | 197.0 | 204.6 | 214.7 | 232.6 | 262.0 | 304.3 | 358.0 | 394.2 |
| 57.5° | 167.8 | 169.9 | 171.5 | 174.6 | 181.2 | 188.2 | 204.2 | 226.8 | 261.6 | 309.3 | 347.7 |
| 60°   | 149.1 | 151.3 | 152.4 | 155.5 | 160.6 | 166.4 | 178.1 | 195.6 | 223.9 | 263.6 | 301.5 |
| 62.5° | 132.4 | 133.9 | 134.1 | 136.8 | 140.7 | 146.4 | 155.0 | 169.0 | 189.8 | 223.3 | 260.3 |
| 65°   | 116.4 | 116.4 | 117.2 | 120.1 | 122.1 | 127.1 | 134.1 | 144.8 | 162.7 | 189.8 | 221.5 |
| 67.5° | 100.8 | 101.8 | 101.6 | 103.0 | 104.7 | 109.0 | 114.3 | 123.2 | 137.4 | 157.9 | 184.2 |
| 70°   | 85.7  | 86.4  | 86.2  | 87.2  | 89.2  | 91.7  | 95.8  | 104.1 | 113.7 | 130.6 | 152.4 |
| 72.5° | 72.0  | 72.2  | 71.6  | 73.0  | 74.0  | 76.1  | 80.8  | 84.3  | 93.0  | 106.7 | 123.6 |
| 75°   | 57.2  | 57.6  | 58.0  | 58.8  | 60.0  | 61.1  | 63.5  | 67.9  | 73.8  | 84.5  | 96.0  |
| 77.5° | 45.6  | 44.6  | 45.7  | 45.6  | 46.1  | 47.1  | 49.2  | 51.8  | 56.8  | 64.0  | 73.6  |
| 80°   | 32.3  | 32.5  | 32.5  | 32.7  | 33.7  | 34.3  | 36.0  | 37.8  | 41.5  | 46.5  | 52.8  |
| 82.5° | 21.4  | 22.0  | 21.6  | 22.0  | 22.8  | 23.2  | 23.9  | 25.3  | 27.1  | 30.8  | 34.8  |
| 85°   | 12.8  | 11.9  | 12.3  | 12.7  | 12.7  | 12.8  | 13.6  | 14.2  | 15.4  | 16.9  | 18.7  |
| 87.5° | 4.7   | 5.1   | 5.3   | 5.3   | 5.5   | 5.5   | 6.2   | 6.2   | 6.8   | 7.4   | 8.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 |
| 2.5°  | 475.2 | 473.8 | 472.2 | 469.5 | 466.2 | 464.5 | 461.7 | 460.0 | 456.5 | 453.6 | 450.4 |
| 5°    | 495.8 | 490.7 | 486.1 | 480.0 | 473.4 | 469.1 | 464.1 | 458.4 | 452.6 | 446.6 | 439.9 |
| 7.5°  | 516.4 | 508.1 | 498.9 | 489.4 | 480.0 | 471.3 | 463.1 | 454.7 | 447.1 | 437.6 | 429.6 |
| 10°   | 537.3 | 526.0 | 513.9 | 499.7 | 485.9 | 473.8 | 461.5 | 450.8 | 439.9 | 428.3 | 417.9 |
| 12.5° | 558.1 | 542.1 | 523.8 | 507.9 | 490.5 | 475.4 | 460.4 | 446.0 | 431.6 | 418.3 | 405.9 |
| 15°   | 565.7 | 552.5 | 536.7 | 514.5 | 495.8 | 475.8 | 456.7 | 439.0 | 422.4 | 408.0 | 392.8 |
| 17.5° | 573.1 | 556.1 | 539.4 | 518.0 | 493.7 | 472.1 | 450.4 | 431.2 | 412.9 | 394.8 | 381.0 |
| 20°   | 574.8 | 557.3 | 539.6 | 518.8 | 493.7 | 468.0 | 446.4 | 422.0 | 402.0 | 383.1 | 365.2 |
| 22.5° | 574.3 | 553.8 | 534.2 | 512.5 | 488.2 | 465.0 | 437.8 | 412.9 | 390.7 | 372.2 | 353.3 |
| 25°   | 570.0 | 548.8 | 524.6 | 503.0 | 478.9 | 453.8 | 427.3 | 401.6 | 379.4 | 358.2 | 339.7 |
| 27.5° | 567.4 | 540.6 | 514.1 | 489.2 | 466.0 | 442.9 | 417.2 | 390.7 | 366.4 | 344.7 | 327.6 |
| 30°   | 561.8 | 531.6 | 500.9 | 474.6 | 450.6 | 428.3 | 404.3 | 378.6 | 352.9 | 331.9 | 313.2 |
| 32.5° | 556.7 | 520.3 | 487.4 | 458.2 | 432.5 | 410.9 | 389.3 | 365.2 | 340.1 | 318.7 | 300.0 |
| 35°   | 549.9 | 509.2 | 472.1 | 439.7 | 412.7 | 390.3 | 371.8 | 349.0 | 325.9 | 305.2 | 287.3 |
| 37.5° | 541.9 | 494.8 | 455.5 | 421.8 | 392.4 | 369.1 | 351.6 | 333.8 | 310.7 | 290.4 | 274.5 |
| 40°   | 532.2 | 479.3 | 437.0 | 402.4 | 371.6 | 347.1 | 331.1 | 314.6 | 296.1 | 277.6 | 260.5 |
| 42.5° | 519.9 | 465.2 | 418.3 | 380.4 | 350.0 | 326.3 | 309.3 | 295.9 | 280.1 | 263.2 | 247.6 |
| 45°   | 504.4 | 447.7 | 397.9 | 357.8 | 327.0 | 303.5 | 286.2 | 275.6 | 263.4 | 247.0 | 233.6 |
| 47.5° | 483.7 | 427.9 | 376.5 | 335.0 | 303.3 | 281.5 | 264.9 | 254.6 | 245.7 | 232.8 | 220.2 |
| 50°   | 454.3 | 405.1 | 352.9 | 311.8 | 280.1 | 258.1 | 243.1 | 234.0 | 226.6 | 217.2 | 206.9 |
| 52.5° | 421.4 | 376.5 | 329.8 | 289.3 | 257.9 | 236.3 | 221.7 | 213.9 | 208.1 | 202.1 | 191.9 |
| 55°   | 386.2 | 347.3 | 302.9 | 264.4 | 235.3 | 214.1 | 201.3 | 194.3 | 189.2 | 184.2 | 177.9 |
| 57.5° | 348.2 | 316.7 | 276.0 | 240.0 | 213.2 | 193.3 | 181.2 | 174.0 | 169.9 | 167.2 | 163.3 |
| 60°   | 307.8 | 281.7 | 247.8 | 215.7 | 189.6 | 172.5 | 160.8 | 155.5 | 152.2 | 150.1 | 147.4 |
| 62.5° | 270.2 | 249.9 | 219.2 | 190.6 | 168.6 | 152.6 | 142.5 | 137.4 | 134.3 | 133.5 | 131.4 |
| 65°   | 233.4 | 216.9 | 191.0 | 166.6 | 147.2 | 133.3 | 124.6 | 119.7 | 117.8 | 116.6 | 116.8 |
| 67.5° | 196.4 | 185.7 | 164.1 | 142.7 | 126.7 | 114.5 | 107.3 | 103.6 | 102.6 | 100.8 | 100.8 |
| 70°   | 163.1 | 155.5 | 138.0 | 119.9 | 106.1 | 97.1  | 90.9  | 87.0  | 86.0  | 85.3  | 85.1  |
| 72.5° | 133.7 | 127.3 | 112.7 | 99.1  | 87.0  | 79.4  | 74.6  | 72.6  | 70.9  | 70.5  | 70.5  |
| 75°   | 104.9 | 101.2 | 89.2  | 77.7  | 69.1  | 63.7  | 60.2  | 58.0  | 56.8  | 56.6  | 56.8  |
| 77.5° | 79.2  | 75.7  | 67.4  | 58.8  | 53.1  | 48.9  | 45.6  | 45.0  | 43.4  | 43.6  | 43.2  |
| 80°   | 56.1  | 53.9  | 49.1  | 42.6  | 38.2  | 34.6  | 33.1  | 31.7  | 31.3  | 30.8  | 31.3  |
| 82.5° | 36.8  | 34.5  | 31.5  | 28.0  | 24.5  | 22.8  | 21.2  | 21.0  | 20.8  | 20.6  | 20.6  |
| 85°   | 20.1  | 20.2  | 18.3  | 15.2  | 13.6  | 12.5  | 11.5  | 11.5  | 11.3  | 11.1  | 11.3  |
| 87.5° | 8.6   | 8.2   | 7.4   | 6.8   | 5.8   | 5.3   | 5.1   | 5.3   | 4.7   | 4.5   | 4.7   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 | 458.6 |
| 2.5°  | 448.7 | 446.6 | 444.8 | 440.9 | 438.8 | 435.8 | 433.5 | 436.0 | 433.3 | 434.5 | 432.7 |
| 5°    | 436.6 | 431.2 | 427.3 | 421.6 | 416.8 | 412.3 | 409.0 | 408.4 | 406.8 | 406.1 | 403.7 |
| 7.5°  | 422.2 | 416.0 | 409.6 | 402.6 | 396.7 | 390.5 | 386.8 | 383.3 | 381.1 | 378.4 | 376.3 |
| 10°   | 409.8 | 400.6 | 392.8 | 383.9 | 376.1 | 369.3 | 363.8 | 361.1 | 358.6 | 354.9 | 353.5 |
| 12.5° | 394.4 | 384.8 | 374.9 | 365.2 | 357.8 | 350.0 | 345.5 | 341.0 | 339.5 | 335.2 | 335.0 |
| 15°   | 382.7 | 368.5 | 359.2 | 349.4 | 339.1 | 332.9 | 329.0 | 324.5 | 322.6 | 319.6 | 317.5 |
| 17.5° | 368.3 | 355.5 | 343.8 | 333.8 | 324.5 | 319.4 | 314.4 | 311.3 | 308.0 | 305.8 | 302.3 |
| 20°   | 352.3 | 340.3 | 328.6 | 317.9 | 311.1 | 305.0 | 301.1 | 298.2 | 294.7 | 293.7 | 290.2 |
| 22.5° | 338.9 | 325.3 | 314.2 | 305.6 | 298.0 | 291.0 | 286.7 | 285.0 | 282.8 | 279.3 | 279.3 |
| 25°   | 324.1 | 310.3 | 300.8 | 291.8 | 285.2 | 279.0 | 276.0 | 273.5 | 271.2 | 269.0 | 268.2 |
| 27.5° | 311.7 | 299.4 | 287.7 | 279.5 | 273.9 | 268.0 | 265.5 | 262.2 | 260.5 | 258.7 | 256.4 |
| 30°   | 298.4 | 285.8 | 275.8 | 268.0 | 261.8 | 256.8 | 254.0 | 251.9 | 250.3 | 248.8 | 247.6 |
| 32.5° | 284.8 | 273.3 | 263.8 | 256.2 | 249.9 | 246.4 | 244.1 | 242.7 | 241.0 | 239.0 | 237.5 |
| 35°   | 273.1 | 260.3 | 250.9 | 244.3 | 239.4 | 236.5 | 233.8 | 232.4 | 230.5 | 230.5 | 228.9 |
| 37.5° | 259.3 | 248.0 | 239.6 | 233.6 | 229.3 | 226.6 | 223.5 | 222.7 | 221.3 | 220.6 | 220.0 |
| 40°   | 247.2 | 236.9 | 229.1 | 223.1 | 218.4 | 216.3 | 213.9 | 212.4 | 211.6 | 210.6 | 210.2 |
| 42.5° | 234.8 | 225.0 | 217.6 | 212.2 | 208.3 | 206.5 | 204.4 | 203.4 | 201.7 | 200.3 | 200.1 |
| 45°   | 222.1 | 212.6 | 205.8 | 201.3 | 197.8 | 195.6 | 194.3 | 191.9 | 191.2 | 189.6 | 189.4 |
| 47.5° | 210.4 | 201.1 | 194.3 | 190.6 | 187.5 | 185.9 | 183.8 | 181.2 | 180.3 | 179.3 | 179.1 |
| 50°   | 197.0 | 188.6 | 182.4 | 178.9 | 176.0 | 173.4 | 171.3 | 169.7 | 169.2 | 169.2 | 169.6 |
| 52.5° | 183.4 | 176.6 | 171.5 | 167.0 | 164.3 | 161.6 | 159.6 | 158.8 | 157.9 | 159.0 | 159.8 |
| 55°   | 170.1 | 162.9 | 159.0 | 155.0 | 152.2 | 149.1 | 148.1 | 147.7 | 147.2 | 148.7 | 149.5 |
| 57.5° | 155.9 | 151.1 | 146.4 | 142.1 | 139.8 | 137.8 | 136.3 | 136.1 | 137.2 | 137.6 | 140.0 |
| 60°   | 142.5 | 136.7 | 132.6 | 129.5 | 126.5 | 125.4 | 125.0 | 124.6 | 125.4 | 127.5 | 130.8 |
| 62.5° | 127.7 | 123.2 | 118.7 | 116.6 | 114.7 | 112.5 | 112.5 | 112.9 | 114.7 | 117.2 | 120.5 |
| 65°   | 113.3 | 109.2 | 106.3 | 103.6 | 101.8 | 100.6 | 101.0 | 101.8 | 103.6 | 106.9 | 110.6 |
| 67.5° | 98.5  | 95.8  | 93.0  | 90.5  | 88.8  | 89.0  | 89.2  | 90.1  | 92.3  | 96.2  | 99.7  |
| 70°   | 84.3  | 81.2  | 79.0  | 78.1  | 76.7  | 75.9  | 77.1  | 79.0  | 80.8  | 84.3  | 87.2  |
| 72.5° | 70.1  | 67.5  | 66.0  | 65.4  | 65.0  | 64.4  | 64.6  | 66.8  | 69.3  | 72.8  | 76.3  |
| 75°   | 56.1  | 55.1  | 53.9  | 53.1  | 52.6  | 52.9  | 53.3  | 55.3  | 57.2  | 60.9  | 64.8  |
| 77.5° | 43.4  | 42.2  | 41.5  | 41.3  | 40.9  | 41.1  | 42.0  | 43.6  | 45.6  | 48.3  | 51.4  |
| 80°   | 31.0  | 30.6  | 30.2  | 30.0  | 30.0  | 30.2  | 31.7  | 32.7  | 34.5  | 37.0  | 39.3  |
| 82.5° | 20.4  | 20.2  | 20.2  | 20.2  | 20.4  | 20.4  | 21.2  | 22.6  | 23.9  | 25.7  | 27.6  |
| 85°   | 11.9  | 11.5  | 12.1  | 12.3  | 11.9  | 12.5  | 12.8  | 13.6  | 14.2  | 15.2  | 16.2  |
| 87.5° | 4.9   | 5.3   | 5.1   | 5.3   | 5.3   | 5.6   | 5.5   | 6.2   | 6.6   | 7.0   | 6.8   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |





TEST NUMBER: P334295

CATALOG NUMBER: S125DW-S375D940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 458.6 | 458.6 | 458.6 | 458.6 |
| 2.5°  | 431.6 | 432.9 | 431.8 | 433.3 |
| 5°    | 402.8 | 401.0 | 402.2 | 401.4 |
| 7.5°  | 376.1 | 374.5 | 372.2 | 371.4 |
| 10°   | 351.4 | 349.2 | 349.0 | 347.7 |
| 12.5° | 333.3 | 331.3 | 328.6 | 328.2 |
| 15°   | 316.3 | 314.8 | 313.4 | 314.6 |
| 17.5° | 301.9 | 300.6 | 300.2 | 299.0 |
| 20°   | 288.5 | 287.5 | 287.9 | 285.4 |
| 22.5° | 277.8 | 275.6 | 275.3 | 275.3 |
| 25°   | 266.5 | 265.5 | 264.5 | 265.5 |
| 27.5° | 256.6 | 255.6 | 255.2 | 255.4 |
| 30°   | 247.6 | 245.7 | 245.9 | 245.7 |
| 32.5° | 237.9 | 236.7 | 236.3 | 235.9 |
| 35°   | 228.3 | 228.3 | 227.4 | 227.4 |
| 37.5° | 219.6 | 219.4 | 218.8 | 219.2 |
| 40°   | 209.5 | 209.3 | 208.7 | 207.5 |
| 42.5° | 199.7 | 198.9 | 198.7 | 198.6 |
| 45°   | 189.4 | 189.4 | 189.0 | 188.8 |
| 47.5° | 179.3 | 179.7 | 180.5 | 180.3 |
| 50°   | 170.3 | 170.5 | 171.1 | 171.3 |
| 52.5° | 160.4 | 161.8 | 162.5 | 162.3 |
| 55°   | 151.3 | 152.6 | 154.0 | 154.2 |
| 57.5° | 142.1 | 143.9 | 145.2 | 145.6 |
| 60°   | 132.8 | 135.3 | 137.0 | 137.8 |
| 62.5° | 123.8 | 126.7 | 128.5 | 128.5 |
| 65°   | 113.9 | 116.8 | 118.4 | 119.5 |
| 67.5° | 103.6 | 106.5 | 108.0 | 109.0 |
| 70°   | 92.1  | 95.0  | 97.3  | 98.1  |
| 72.5° | 80.8  | 83.3  | 85.1  | 86.0  |
| 75°   | 67.4  | 70.9  | 72.6  | 73.6  |
| 77.5° | 54.5  | 58.0  | 59.0  | 59.6  |
| 80°   | 41.7  | 43.6  | 45.0  | 45.2  |
| 82.5° | 29.6  | 31.1  | 31.3  | 31.9  |
| 85°   | 17.5  | 18.3  | 18.5  | 18.3  |
| 87.5° | 7.2   | 7.0   | 7.0   | 7.4   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)