

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: P334290

Luminaire Tested: **S125DP-S375D935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P334290  
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: S125DP-S375D935-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT LED LUMINAIRE, ASYMMETRIC DIFFUSER  
PENDANT/SURFACE/WALL MOUNT, 375 LUMENS PER FOOT  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1249.7 lumens  
Efficiency: N/A  
Efficacy: 107.7 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

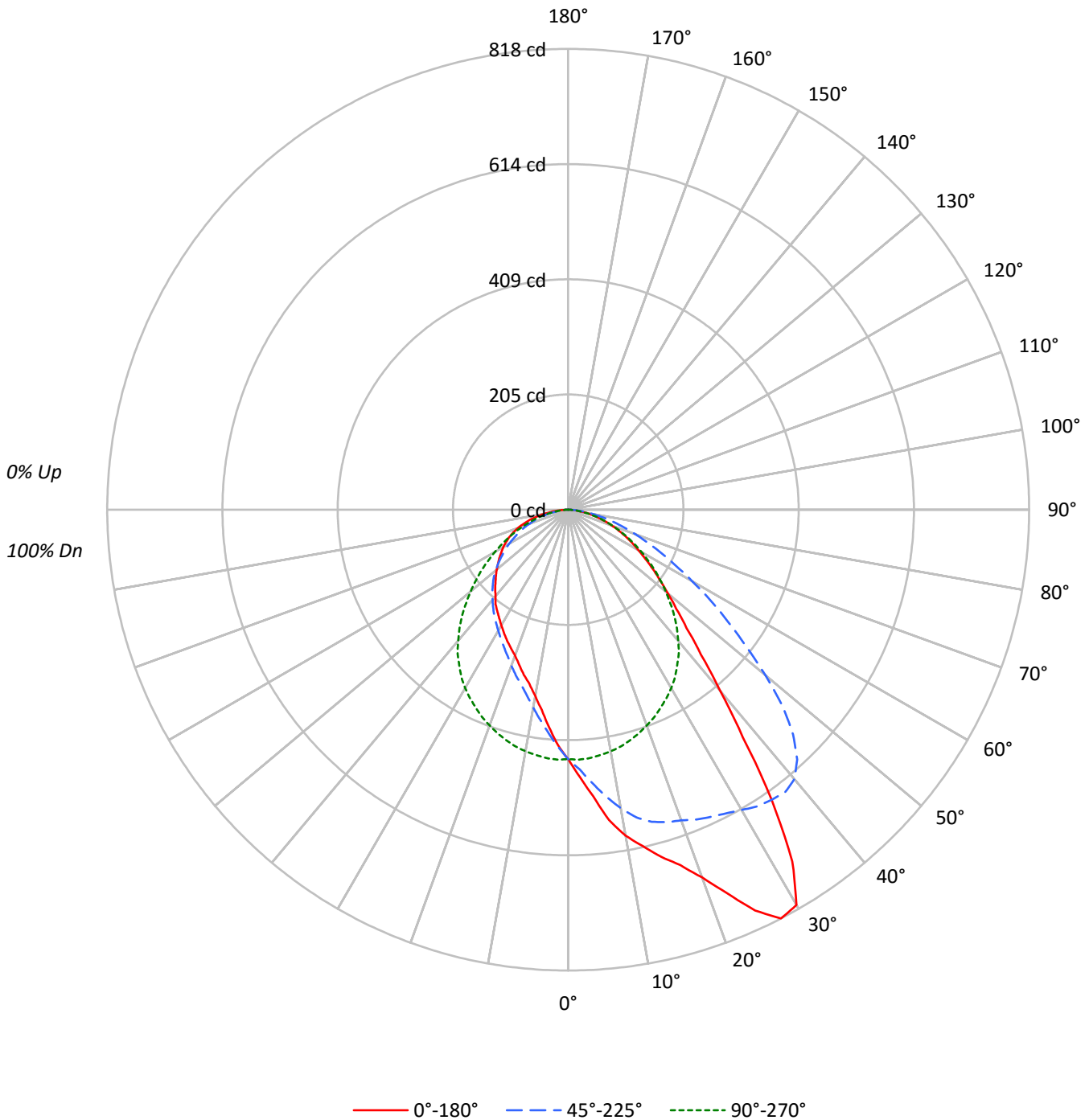
Input Watts (W): 11.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

**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°  | 2860 | 2860 | 2860 |
| 5°  | 3312 | 2869 | 2513 |
| 10° | 3853 | 2855 | 2202 |
| 15° | 4265 | 2834 | 2031 |
| 20° | 4775 | 2801 | 1893 |
| 25° | 5593 | 2763 | 1827 |
| 30° | 6041 | 2726 | 1769 |
| 35° | 4967 | 2657 | 1731 |
| 40° | 3531 | 2560 | 1690 |
| 45° | 2713 | 2430 | 1665 |
| 50° | 2315 | 2270 | 1662 |
| 55° | 2062 | 2112 | 1677 |
| 60° | 1860 | 1940 | 1719 |
| 65° | 1718 | 1767 | 1764 |
| 70° | 1562 | 1586 | 1788 |
| 75° | 1380 | 1397 | 1772 |
| 80° | 1160 | 1138 | 1622 |
| 85° | 919  | 823  | 1312 |



TEST NUMBER: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 42.6   | 3.4       |
| 10°-20°   | 126.9  | 10.2      |
| 20°-30°   | 206.2  | 16.5      |
| 30°-40°   | 252.0  | 20.2      |
| 40°-50°   | 228.6  | 18.3      |
| 50°-60°   | 182.1  | 14.6      |
| 60°-70°   | 126.8  | 10.1      |
| 70°-80°   | 67.6   | 5.4       |
| 80°-90°   | 16.8   | 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°    | 375.8  | 30.1      |
| 0°-40°    | 627.8  | 50.2      |
| 0°-60°    | 1038.5 | 83.1      |
| 0°-90°    | 1249.7 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1249.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 443 | 443 | 443 | 443  | 443  |      |
| 5°  | 511 | 487 | 443 | 398  | 388  | 51   |
| 15° | 638 | 574 | 424 | 321  | 304  | 182  |
| 25° | 785 | 601 | 388 | 269  | 256  | 360  |
| 35° | 630 | 629 | 337 | 228  | 220  | 387  |
| 45° | 297 | 564 | 266 | 189  | 182  | 236  |
| 55° | 183 | 346 | 188 | 144  | 149  | 165  |
| 65° | 112 | 183 | 116 | 97   | 115  | 112  |
| 75° | 55  | 82  | 56  | 51   | 71   | 60   |
| 85° | 12  | 16  | 11  | 12   | 18   | 14   |
| 90° | 0   | 0   | 0   | 0    | 0    |      |



TEST NUMBER: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 |
| 2.5°  | 474.8 | 474.0 | 473.3 | 471.8 | 472.9 | 469.7 | 468.2 | 465.6 | 462.4 | 461.2 | 459.9 |
| 5°    | 510.9 | 511.8 | 512.7 | 508.8 | 509.2 | 506.5 | 500.5 | 495.6 | 491.7 | 486.6 | 483.1 |
| 7.5°  | 555.6 | 552.8 | 553.0 | 550.5 | 546.2 | 542.6 | 536.8 | 528.7 | 521.4 | 513.1 | 506.0 |
| 10°   | 587.6 | 587.7 | 586.1 | 583.0 | 578.3 | 575.0 | 566.7 | 558.8 | 549.2 | 537.9 | 529.9 |
| 12.5° | 611.6 | 612.6 | 610.3 | 606.0 | 604.3 | 595.6 | 589.6 | 579.8 | 568.0 | 559.5 | 546.2 |
| 15°   | 637.9 | 635.9 | 634.4 | 629.3 | 625.3 | 617.4 | 607.1 | 597.3 | 584.9 | 573.5 | 562.0 |
| 17.5° | 661.2 | 662.9 | 660.5 | 656.7 | 645.1 | 635.9 | 623.1 | 610.7 | 595.8 | 581.5 | 568.2 |
| 20°   | 694.7 | 696.2 | 691.9 | 683.8 | 669.1 | 659.9 | 641.7 | 624.4 | 606.5 | 586.8 | 571.8 |
| 22.5° | 736.4 | 734.5 | 728.3 | 715.0 | 702.8 | 683.8 | 663.7 | 641.7 | 618.2 | 595.3 | 574.0 |
| 25°   | 784.9 | 777.0 | 773.4 | 758.2 | 741.5 | 716.5 | 689.4 | 658.6 | 630.8 | 601.3 | 575.7 |
| 27.5° | 818.0 | 814.8 | 809.7 | 797.3 | 778.1 | 749.8 | 717.8 | 681.0 | 643.6 | 607.5 | 575.3 |
| 30°   | 810.1 | 810.5 | 810.8 | 807.5 | 796.2 | 776.1 | 744.3 | 703.9 | 657.3 | 615.4 | 576.7 |
| 32.5° | 740.2 | 748.6 | 756.7 | 767.2 | 774.0 | 774.2 | 757.3 | 721.8 | 673.5 | 624.4 | 575.9 |
| 35°   | 630.0 | 632.1 | 653.3 | 674.4 | 703.0 | 725.1 | 740.0 | 723.8 | 683.4 | 628.7 | 575.3 |
| 37.5° | 509.4 | 519.7 | 535.7 | 559.4 | 602.2 | 637.2 | 683.0 | 698.8 | 679.8 | 632.3 | 575.2 |
| 40°   | 418.8 | 428.2 | 437.8 | 462.0 | 496.8 | 541.5 | 595.4 | 641.5 | 652.2 | 624.4 | 569.5 |
| 42.5° | 348.8 | 355.8 | 366.7 | 383.4 | 411.1 | 449.4 | 500.3 | 564.1 | 607.7 | 601.5 | 557.7 |
| 45°   | 297.0 | 301.7 | 309.9 | 324.4 | 345.5 | 376.5 | 422.0 | 487.7 | 545.1 | 564.1 | 537.6 |
| 47.5° | 260.1 | 260.3 | 267.1 | 277.4 | 293.4 | 322.0 | 356.0 | 410.1 | 472.0 | 515.8 | 509.6 |
| 50°   | 230.4 | 229.5 | 234.6 | 243.2 | 255.2 | 272.7 | 304.9 | 346.0 | 404.9 | 456.2 | 470.5 |
| 52.5° | 204.9 | 205.2 | 207.9 | 213.7 | 223.3 | 237.6 | 259.6 | 295.7 | 343.8 | 396.8 | 426.9 |
| 55°   | 183.1 | 182.3 | 185.9 | 190.2 | 197.5 | 207.3 | 224.6 | 253.0 | 293.8 | 345.7 | 380.6 |
| 57.5° | 162.0 | 164.1 | 165.6 | 168.6 | 175.0 | 181.8 | 197.2 | 219.0 | 252.6 | 298.7 | 335.7 |
| 60°   | 144.0 | 146.0 | 147.2 | 150.2 | 155.1 | 160.7 | 172.0 | 188.9 | 216.2 | 254.5 | 291.1 |
| 62.5° | 127.8 | 129.3 | 129.5 | 132.1 | 135.9 | 141.3 | 149.6 | 163.1 | 183.3 | 215.6 | 251.3 |
| 65°   | 112.4 | 112.4 | 113.2 | 116.0 | 117.8 | 122.7 | 129.5 | 139.8 | 157.1 | 183.3 | 213.9 |
| 67.5° | 97.4  | 98.3  | 98.1  | 99.4  | 101.1 | 105.3 | 110.3 | 119.0 | 132.7 | 152.4 | 177.8 |
| 70°   | 82.7  | 83.5  | 83.3  | 84.2  | 86.1  | 88.5  | 92.5  | 100.6 | 109.8 | 126.1 | 147.2 |
| 72.5° | 69.5  | 69.7  | 69.2  | 70.5  | 71.4  | 73.5  | 78.0  | 81.4  | 89.8  | 103.0 | 119.4 |
| 75°   | 55.3  | 55.6  | 56.0  | 56.8  | 57.9  | 59.0  | 61.3  | 65.6  | 71.2  | 81.6  | 92.7  |
| 77.5° | 44.0  | 43.0  | 44.2  | 44.0  | 44.5  | 45.5  | 47.6  | 50.0  | 54.9  | 61.8  | 71.0  |
| 80°   | 31.2  | 31.4  | 31.4  | 31.6  | 32.5  | 33.1  | 34.8  | 36.5  | 40.0  | 44.9  | 50.9  |
| 82.5° | 20.7  | 21.2  | 20.9  | 21.2  | 22.0  | 22.4  | 23.1  | 24.4  | 26.1  | 29.7  | 33.6  |
| 85°   | 12.4  | 11.5  | 11.8  | 12.2  | 12.2  | 12.4  | 13.2  | 13.7  | 14.8  | 16.4  | 18.0  |
| 87.5° | 4.5   | 4.9   | 5.1   | 5.1   | 5.3   | 5.3   | 6.0   | 6.0   | 6.6   | 7.1   | 7.9   |
| 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: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 |
| 2.5°  | 458.8 | 457.5 | 456.0 | 453.4 | 450.2 | 448.5 | 445.8 | 444.1 | 440.8 | 437.9 | 434.9 |
| 5°    | 478.7 | 473.8 | 469.3 | 463.5 | 457.1 | 453.0 | 448.1 | 442.6 | 437.0 | 431.2 | 424.8 |
| 7.5°  | 498.7 | 490.6 | 481.7 | 472.5 | 463.5 | 455.0 | 447.2 | 439.1 | 431.7 | 422.5 | 414.8 |
| 10°   | 518.8 | 507.9 | 496.2 | 482.5 | 469.1 | 457.5 | 445.6 | 435.3 | 424.8 | 413.5 | 403.5 |
| 12.5° | 538.9 | 523.5 | 505.8 | 490.4 | 473.7 | 459.0 | 444.5 | 430.6 | 416.7 | 403.9 | 391.9 |
| 15°   | 546.2 | 533.4 | 518.2 | 496.8 | 478.7 | 459.4 | 440.9 | 423.8 | 407.9 | 394.0 | 379.3 |
| 17.5° | 553.3 | 537.0 | 520.8 | 500.2 | 476.7 | 455.8 | 434.9 | 416.3 | 398.7 | 381.2 | 367.8 |
| 20°   | 555.0 | 538.1 | 521.0 | 500.9 | 476.7 | 451.9 | 431.0 | 407.5 | 388.1 | 369.9 | 352.6 |
| 22.5° | 554.5 | 534.7 | 515.8 | 494.9 | 471.4 | 449.0 | 422.7 | 398.7 | 377.2 | 359.4 | 341.1 |
| 25°   | 550.3 | 529.9 | 506.5 | 485.7 | 462.4 | 438.1 | 412.6 | 387.8 | 366.3 | 345.8 | 328.0 |
| 27.5° | 547.9 | 522.0 | 496.4 | 472.3 | 450.0 | 427.6 | 402.8 | 377.2 | 353.7 | 332.9 | 316.3 |
| 30°   | 542.4 | 513.3 | 483.6 | 458.2 | 435.1 | 413.5 | 390.4 | 365.6 | 340.8 | 320.5 | 302.4 |
| 32.5° | 537.6 | 502.4 | 470.6 | 442.5 | 417.6 | 396.8 | 375.9 | 352.6 | 328.4 | 307.7 | 289.6 |
| 35°   | 531.0 | 491.7 | 455.8 | 424.6 | 398.5 | 376.9 | 359.0 | 337.0 | 314.6 | 294.7 | 277.4 |
| 37.5° | 523.3 | 477.8 | 439.8 | 407.3 | 378.9 | 356.4 | 339.5 | 322.3 | 300.0 | 280.4 | 265.0 |
| 40°   | 513.9 | 462.8 | 422.0 | 388.5 | 358.8 | 335.1 | 319.7 | 303.7 | 285.9 | 268.0 | 251.5 |
| 42.5° | 502.0 | 449.2 | 403.9 | 367.3 | 337.9 | 315.0 | 298.7 | 285.7 | 270.5 | 254.1 | 239.1 |
| 45°   | 487.0 | 432.3 | 384.2 | 345.5 | 315.8 | 293.0 | 276.3 | 266.1 | 254.3 | 238.5 | 225.5 |
| 47.5° | 467.1 | 413.1 | 363.5 | 323.5 | 292.8 | 271.8 | 255.8 | 245.8 | 237.2 | 224.8 | 212.6 |
| 50°   | 438.7 | 391.1 | 340.8 | 301.1 | 270.5 | 249.2 | 234.8 | 225.9 | 218.8 | 209.8 | 199.8 |
| 52.5° | 406.9 | 363.5 | 318.4 | 279.3 | 249.0 | 228.2 | 214.1 | 206.6 | 200.9 | 195.1 | 185.3 |
| 55°   | 372.9 | 335.3 | 292.5 | 255.2 | 227.2 | 206.8 | 194.3 | 187.6 | 182.7 | 177.8 | 171.8 |
| 57.5° | 336.3 | 305.8 | 266.5 | 231.8 | 205.8 | 186.6 | 175.0 | 168.0 | 164.1 | 161.5 | 157.7 |
| 60°   | 297.2 | 272.0 | 239.3 | 208.3 | 183.1 | 166.5 | 155.3 | 150.2 | 147.0 | 144.9 | 142.3 |
| 62.5° | 260.9 | 241.3 | 211.6 | 184.0 | 162.8 | 147.4 | 137.6 | 132.7 | 129.7 | 128.9 | 126.9 |
| 65°   | 225.4 | 209.4 | 184.4 | 160.9 | 142.1 | 128.8 | 120.3 | 115.6 | 113.7 | 112.6 | 112.8 |
| 67.5° | 189.6 | 179.3 | 158.4 | 137.8 | 122.4 | 110.5 | 103.6 | 100.0 | 99.1  | 97.4  | 97.4  |
| 70°   | 157.5 | 150.2 | 133.3 | 115.8 | 102.4 | 93.8  | 87.8  | 84.0  | 83.1  | 82.3  | 82.1  |
| 72.5° | 129.1 | 122.9 | 108.8 | 95.7  | 84.0  | 76.7  | 72.0  | 70.1  | 68.4  | 68.0  | 68.0  |
| 75°   | 101.3 | 97.7  | 86.1  | 75.0  | 66.7  | 61.5  | 58.1  | 56.0  | 54.9  | 54.7  | 54.9  |
| 77.5° | 76.5  | 73.1  | 65.0  | 56.8  | 51.3  | 47.2  | 44.0  | 43.4  | 41.9  | 42.1  | 41.7  |
| 80°   | 54.1  | 52.1  | 47.4  | 41.2  | 36.8  | 33.5  | 32.0  | 30.6  | 30.3  | 29.7  | 30.3  |
| 82.5° | 35.5  | 33.3  | 30.4  | 27.1  | 23.7  | 22.0  | 20.5  | 20.3  | 20.1  | 19.9  | 19.9  |
| 85°   | 19.4  | 19.5  | 17.7  | 14.7  | 13.2  | 12.0  | 11.1  | 11.1  | 10.9  | 10.7  | 10.9  |
| 87.5° | 8.3   | 7.9   | 7.1   | 6.6   | 5.6   | 5.1   | 4.9   | 5.1   | 4.5   | 4.3   | 4.5   |
| 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: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 | 442.8 |
| 2.5°  | 433.2 | 431.2 | 429.5 | 425.7 | 423.7 | 420.8 | 418.6 | 421.0 | 418.4 | 419.5 | 417.8 |
| 5°    | 421.6 | 416.3 | 412.6 | 407.1 | 402.4 | 398.1 | 394.9 | 394.3 | 392.8 | 392.1 | 389.8 |
| 7.5°  | 407.7 | 401.7 | 395.5 | 388.7 | 383.1 | 377.0 | 373.5 | 370.1 | 368.0 | 365.4 | 363.3 |
| 10°   | 395.7 | 386.8 | 379.3 | 370.7 | 363.1 | 356.6 | 351.3 | 348.7 | 346.2 | 342.6 | 341.3 |
| 12.5° | 380.8 | 371.6 | 362.0 | 352.6 | 345.5 | 337.9 | 333.6 | 329.3 | 327.8 | 323.7 | 323.5 |
| 15°   | 369.5 | 355.8 | 346.8 | 337.4 | 327.4 | 321.4 | 317.6 | 313.3 | 311.4 | 308.6 | 306.6 |
| 17.5° | 355.6 | 343.2 | 331.9 | 322.3 | 313.3 | 308.4 | 303.6 | 300.5 | 297.3 | 295.3 | 291.9 |
| 20°   | 340.2 | 328.5 | 317.3 | 306.9 | 300.4 | 294.5 | 290.8 | 288.0 | 284.6 | 283.6 | 280.2 |
| 22.5° | 327.2 | 314.1 | 303.4 | 295.1 | 287.8 | 281.0 | 276.9 | 275.2 | 273.1 | 269.7 | 269.7 |
| 25°   | 312.9 | 299.6 | 290.4 | 281.7 | 275.4 | 269.3 | 266.5 | 264.1 | 261.8 | 259.8 | 259.0 |
| 27.5° | 300.9 | 289.1 | 277.8 | 269.9 | 264.5 | 258.8 | 256.4 | 253.2 | 251.5 | 249.8 | 247.5 |
| 30°   | 288.1 | 275.9 | 266.3 | 258.8 | 252.8 | 247.9 | 245.3 | 243.2 | 241.7 | 240.2 | 239.1 |
| 32.5° | 275.0 | 263.9 | 254.7 | 247.4 | 241.3 | 238.0 | 235.7 | 234.4 | 232.7 | 230.8 | 229.3 |
| 35°   | 263.7 | 251.3 | 242.3 | 235.9 | 231.2 | 228.4 | 225.7 | 224.4 | 222.5 | 222.5 | 221.0 |
| 37.5° | 250.4 | 239.5 | 231.4 | 225.5 | 221.4 | 218.8 | 215.8 | 215.0 | 213.7 | 213.0 | 212.4 |
| 40°   | 238.7 | 228.7 | 221.2 | 215.4 | 210.9 | 208.8 | 206.6 | 205.1 | 204.3 | 203.4 | 203.0 |
| 42.5° | 226.7 | 217.3 | 210.1 | 204.9 | 201.1 | 199.4 | 197.4 | 196.4 | 194.7 | 193.4 | 193.2 |
| 45°   | 214.5 | 205.2 | 198.7 | 194.3 | 191.0 | 188.9 | 187.6 | 185.3 | 184.6 | 183.1 | 182.9 |
| 47.5° | 203.2 | 194.2 | 187.6 | 184.0 | 181.0 | 179.5 | 177.4 | 175.0 | 174.0 | 173.1 | 172.9 |
| 50°   | 190.2 | 182.1 | 176.1 | 172.7 | 169.9 | 167.5 | 165.4 | 163.9 | 163.3 | 163.3 | 163.7 |
| 52.5° | 177.1 | 170.5 | 165.6 | 161.3 | 158.6 | 156.0 | 154.1 | 153.4 | 152.4 | 153.6 | 154.3 |
| 55°   | 164.3 | 157.3 | 153.6 | 149.6 | 147.0 | 144.0 | 143.0 | 142.7 | 142.1 | 143.6 | 144.4 |
| 57.5° | 150.6 | 145.9 | 141.3 | 137.2 | 135.0 | 133.1 | 131.6 | 131.4 | 132.5 | 132.9 | 135.1 |
| 60°   | 137.6 | 131.9 | 128.0 | 125.0 | 122.2 | 121.0 | 120.7 | 120.3 | 121.0 | 123.1 | 126.3 |
| 62.5° | 123.3 | 119.0 | 114.7 | 112.6 | 110.7 | 108.6 | 108.6 | 109.0 | 110.7 | 113.2 | 116.3 |
| 65°   | 109.4 | 105.4 | 102.6 | 100.0 | 98.3  | 97.2  | 97.5  | 98.3  | 100.0 | 103.2 | 106.8 |
| 67.5° | 95.1  | 92.5  | 89.8  | 87.4  | 85.7  | 85.9  | 86.1  | 87.0  | 89.1  | 92.9  | 96.2  |
| 70°   | 81.4  | 78.4  | 76.3  | 75.4  | 74.1  | 73.3  | 74.4  | 76.3  | 78.0  | 81.4  | 84.2  |
| 72.5° | 67.7  | 65.2  | 63.7  | 63.2  | 62.8  | 62.2  | 62.4  | 64.5  | 66.9  | 70.3  | 73.7  |
| 75°   | 54.1  | 53.2  | 52.1  | 51.3  | 50.7  | 51.1  | 51.5  | 53.4  | 55.3  | 58.8  | 62.6  |
| 77.5° | 41.9  | 40.8  | 40.0  | 39.8  | 39.5  | 39.7  | 40.6  | 42.1  | 44.0  | 46.6  | 49.6  |
| 80°   | 29.9  | 29.5  | 29.1  | 28.9  | 28.9  | 29.1  | 30.6  | 31.6  | 33.3  | 35.7  | 38.0  |
| 82.5° | 19.7  | 19.5  | 19.5  | 19.5  | 19.7  | 19.7  | 20.5  | 21.8  | 23.1  | 24.8  | 26.7  |
| 85°   | 11.5  | 11.1  | 11.7  | 11.8  | 11.5  | 12.0  | 12.4  | 13.2  | 13.7  | 14.7  | 15.6  |
| 87.5° | 4.7   | 5.1   | 4.9   | 5.1   | 5.1   | 5.5   | 5.3   | 6.0   | 6.4   | 6.8   | 6.6   |
| 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: P334290

CATALOG NUMBER: S125DP-S375D935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 442.8 | 442.8 | 442.8 | 442.8 |
| 2.5°  | 416.7 | 418.0 | 416.9 | 418.4 |
| 5°    | 388.9 | 387.2 | 388.3 | 387.6 |
| 7.5°  | 363.1 | 361.6 | 359.4 | 358.6 |
| 10°   | 339.3 | 337.2 | 337.0 | 335.7 |
| 12.5° | 321.8 | 319.9 | 317.3 | 316.9 |
| 15°   | 305.4 | 303.9 | 302.6 | 303.7 |
| 17.5° | 291.5 | 290.2 | 289.8 | 288.7 |
| 20°   | 278.6 | 277.6 | 278.0 | 275.5 |
| 22.5° | 268.2 | 266.1 | 265.8 | 265.8 |
| 25°   | 257.3 | 256.4 | 255.4 | 256.4 |
| 27.5° | 247.7 | 246.8 | 246.4 | 246.6 |
| 30°   | 239.1 | 237.2 | 237.4 | 237.2 |
| 32.5° | 229.7 | 228.6 | 228.2 | 227.8 |
| 35°   | 220.5 | 220.5 | 219.5 | 219.5 |
| 37.5° | 212.0 | 211.8 | 211.3 | 211.6 |
| 40°   | 202.2 | 202.1 | 201.5 | 200.4 |
| 42.5° | 192.8 | 192.1 | 191.9 | 191.7 |
| 45°   | 182.9 | 182.9 | 182.5 | 182.3 |
| 47.5° | 173.1 | 173.5 | 174.2 | 174.0 |
| 50°   | 164.5 | 164.7 | 165.2 | 165.4 |
| 52.5° | 154.9 | 156.2 | 156.9 | 156.8 |
| 55°   | 146.0 | 147.4 | 148.7 | 148.9 |
| 57.5° | 137.2 | 138.9 | 140.2 | 140.6 |
| 60°   | 128.2 | 130.6 | 132.3 | 133.1 |
| 62.5° | 119.5 | 122.4 | 124.1 | 124.1 |
| 65°   | 110.0 | 112.8 | 114.3 | 115.4 |
| 67.5° | 100.0 | 102.8 | 104.3 | 105.3 |
| 70°   | 88.9  | 91.7  | 94.0  | 94.7  |
| 72.5° | 78.0  | 80.4  | 82.1  | 83.1  |
| 75°   | 65.0  | 68.4  | 70.1  | 71.0  |
| 77.5° | 52.6  | 56.0  | 57.0  | 57.5  |
| 80°   | 40.2  | 42.1  | 43.4  | 43.6  |
| 82.5° | 28.6  | 30.1  | 30.3  | 30.8  |
| 85°   | 16.9  | 17.7  | 17.9  | 17.7  |
| 87.5° | 7.0   | 6.8   | 6.8   | 7.1   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)