

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: P333355-935

Luminaire Tested: **S125DIW-S375D1050U935-4F0-1E-UDD-D1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333355-935  
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-S375D1050U935-4F0-1E-UDD-D1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, DROP SATIN WHITE DIFFUSER  
UPLIGHT 1050 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4387.8 lumens  
Efficiency: N/A  
Efficacy: 115.5 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

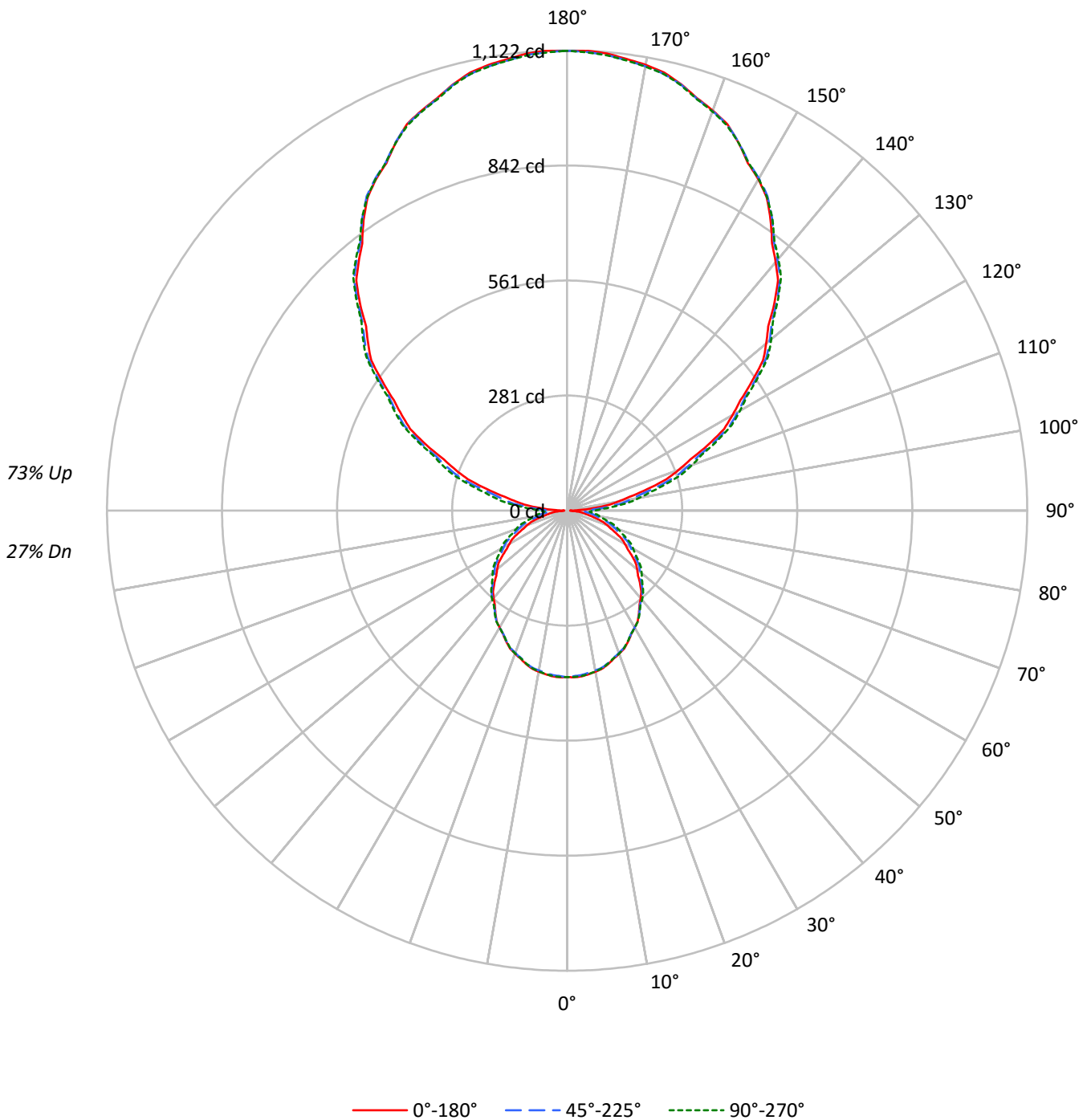
Input Watts (W): 38  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P333355-935

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 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 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 | 27 |
| 1   | 92  | 88  | 84  | 80  | 82 | 79 | 75 | 72 | 61 | 59 | 57 | 45 | 44 | 42 | 30 | 29 | 29 | 22 |
| 2   | 84  | 76  | 70  | 65  | 74 | 68 | 63 | 59 | 53 | 50 | 47 | 39 | 37 | 35 | 26 | 25 | 24 | 18 |
| 3   | 76  | 67  | 60  | 54  | 68 | 60 | 54 | 49 | 47 | 42 | 39 | 35 | 32 | 29 | 23 | 21 | 20 | 15 |
| 4   | 70  | 59  | 51  | 45  | 62 | 53 | 46 | 41 | 41 | 37 | 33 | 31 | 27 | 25 | 21 | 19 | 17 | 13 |
| 5   | 64  | 52  | 45  | 39  | 57 | 47 | 40 | 35 | 37 | 32 | 28 | 27 | 24 | 21 | 18 | 16 | 15 | 11 |
| 6   | 59  | 47  | 39  | 33  | 52 | 42 | 35 | 30 | 33 | 28 | 24 | 25 | 21 | 19 | 17 | 15 | 13 | 10 |
| 7   | 54  | 42  | 34  | 29  | 48 | 38 | 31 | 26 | 30 | 25 | 21 | 22 | 19 | 16 | 15 | 13 | 11 | 9  |
| 8   | 50  | 38  | 31  | 25  | 44 | 34 | 28 | 23 | 27 | 22 | 19 | 20 | 17 | 14 | 14 | 12 | 10 | 8  |
| 9   | 46  | 35  | 27  | 22  | 41 | 31 | 25 | 20 | 25 | 20 | 17 | 19 | 15 | 13 | 13 | 11 | 9  | 7  |
| 10  | 43  | 32  | 25  | 20  | 39 | 28 | 22 | 18 | 23 | 18 | 15 | 17 | 14 | 12 | 12 | 10 | 8  | 6  |

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

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 2621 | 2621 | 2621 |
| 5°  | 2627 | 2573 | 2581 |
| 10° | 2608 | 2527 | 2523 |
| 15° | 2577 | 2472 | 2450 |
| 20° | 2535 | 2404 | 2376 |
| 25° | 2485 | 2331 | 2285 |
| 30° | 2425 | 2251 | 2203 |
| 35° | 2369 | 2178 | 2127 |
| 40° | 2312 | 2100 | 2051 |
| 45° | 2247 | 2033 | 1983 |
| 50° | 2184 | 1962 | 1924 |
| 55° | 2110 | 1894 | 1854 |
| 60° | 2028 | 1817 | 1782 |
| 65° | 1944 | 1736 | 1703 |
| 70° | 1849 | 1625 | 1620 |
| 75° | 1695 | 1518 | 1517 |
| 80° | 1493 | 1389 | 1408 |
| 85° | 1311 | 1301 | 1373 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 38.4   | 0.9       |
| 10°-20°   | 108.9  | 2.5       |
| 20°-30°   | 162.0  | 3.7       |
| 30°-40°   | 191.9  | 4.4       |
| 40°-50°   | 198.4  | 4.5       |
| 50°-60°   | 182.8  | 4.2       |
| 60°-70°   | 147.8  | 3.4       |
| 70°-80°   | 99.0   | 2.3       |
| 80°-90°   | 53.8   | 1.2       |
| 90°-100°  | 103.9  | 2.4       |
| 100°-110° | 243.0  | 5.5       |
| 110°-120° | 389.8  | 8.9       |
| 120°-130° | 502.3  | 11.4      |
| 130°-140° | 557.4  | 12.7      |
| 140°-150° | 543.5  | 12.4      |
| 150°-160° | 455.9  | 10.4      |
| 160°-170° | 303.0  | 6.9       |
| 170°-180° | 106.1  | 2.4       |
| 0°-30°    | 309.4  | 7.1       |
| 0°-40°    | 501.3  | 11.4      |
| 0°-60°    | 882.5  | 20.1      |
| 0°-90°    | 1183.0 | 27.0      |
| 90°-120°  | 736.6  | 16.8      |
| 90°-150°  | 2339.8 | 53.3      |
| 90°-180°  | 3205.0 | 73.0      |
| 0°-180°   | 4387.8 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 406  | 406   | 406  | 406   | 406  |      |
| 5°   | 406  | 405   | 402  | 405   | 405  | 38   |
| 15°  | 388  | 388   | 385  | 387   | 386  | 109  |
| 25°  | 352  | 353   | 351  | 352   | 351  | 162  |
| 35°  | 305  | 307   | 306  | 308   | 308  | 191  |
| 45°  | 251  | 255   | 257  | 260   | 261  | 194  |
| 55°  | 193  | 199   | 206  | 210   | 212  | 172  |
| 65°  | 133  | 142   | 152  | 157   | 159  | 132  |
| 75°  | 73   | 84    | 96   | 104   | 106  | 78   |
| 85°  | 22   | 35    | 49   | 57    | 61   | 23   |
| 90°  | 7    | 27    | 47   | 60    | 66   | 7    |
| 95°  | 62   | 75    | 96   | 110   | 116  | 65   |
| 105° | 202  | 214   | 230  | 243   | 249  | 216  |
| 115° | 378  | 385   | 397  | 403   | 405  | 374  |
| 125° | 550  | 555   | 564  | 568   | 570  | 493  |
| 135° | 714  | 719   | 723  | 728   | 727  | 550  |
| 145° | 865  | 868   | 871  | 872   | 872  | 540  |
| 155° | 989  | 989   | 990  | 993   | 989  | 455  |
| 165° | 1076 | 1074  | 1075 | 1078  | 1073 | 303  |
| 175° | 1118 | 1115  | 1115 | 1120  | 1114 | 106  |
| 180° | 1121 | 1121  | 1121 | 1121  | 1121 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 |
| 2.5°   | 406.8 | 406.7 | 406.6 | 406.4 | 406.3 | 406.0 | 405.4 | 404.9 | 404.5 | 404.0 | 404.5 |
| 5°     | 405.9 | 405.7 | 405.5 | 405.4 | 405.2 | 404.8 | 404.2 | 403.6 | 402.9 | 402.3 | 403.0 |
| 7.5°   | 402.3 | 402.3 | 402.2 | 402.1 | 402.0 | 401.7 | 401.1 | 400.4 | 399.8 | 399.1 | 399.8 |
| 10°    | 399.1 | 399.1 | 399.1 | 399.1 | 399.1 | 398.7 | 398.0 | 397.4 | 396.7 | 395.9 | 396.6 |
| 12.5°  | 394.7 | 394.8 | 394.8 | 394.9 | 394.9 | 394.7 | 394.2 | 393.6 | 393.0 | 392.4 | 392.9 |
| 15°    | 387.5 | 387.6 | 387.7 | 387.9 | 388.0 | 387.6 | 387.0 | 386.4 | 385.8 | 385.2 | 385.7 |
| 17.5°  | 378.3 | 378.5 | 378.7 | 378.8 | 379.0 | 378.8 | 378.2 | 377.5 | 376.9 | 376.3 | 376.8 |
| 20°    | 371.7 | 371.9 | 372.0 | 372.2 | 372.4 | 372.1 | 371.5 | 370.9 | 370.3 | 369.6 | 370.0 |
| 22.5°  | 364.0 | 364.4 | 364.6 | 365.0 | 365.3 | 365.1 | 364.4 | 363.7 | 363.0 | 362.3 | 362.7 |
| 25°    | 352.1 | 352.4 | 352.7 | 352.9 | 353.2 | 353.1 | 352.6 | 352.1 | 351.5 | 350.9 | 351.3 |
| 27.5°  | 339.0 | 339.3 | 339.8 | 340.1 | 340.5 | 340.4 | 339.8 | 339.2 | 338.6 | 338.0 | 338.2 |
| 30°    | 329.1 | 329.6 | 330.1 | 330.7 | 331.2 | 331.2 | 330.7 | 330.1 | 329.6 | 329.1 | 329.2 |
| 32.5°  | 320.2 | 320.6 | 321.1 | 321.6 | 322.0 | 322.0 | 321.7 | 321.2 | 320.9 | 320.5 | 320.6 |
| 35°    | 304.8 | 305.4 | 306.1 | 306.7 | 307.3 | 307.5 | 307.2 | 306.9 | 306.7 | 306.4 | 306.7 |
| 37.5°  | 289.5 | 290.0 | 290.6 | 291.1 | 291.7 | 292.0 | 291.9 | 291.8 | 291.7 | 291.6 | 292.0 |
| 40°    | 279.0 | 279.7 | 280.3 | 281.0 | 281.8 | 282.1 | 282.0 | 281.9 | 281.8 | 281.7 | 282.1 |
| 42.5°  | 267.5 | 268.4 | 269.3 | 270.3 | 271.1 | 271.7 | 271.9 | 272.1 | 272.3 | 272.5 | 272.9 |
| 45°    | 251.1 | 252.1 | 253.0 | 254.0 | 254.9 | 255.7 | 256.1 | 256.6 | 257.0 | 257.4 | 258.0 |
| 47.5°  | 234.3 | 235.2 | 236.1 | 237.0 | 237.9 | 238.8 | 239.5 | 240.2 | 241.0 | 241.8 | 242.7 |
| 50°    | 222.8 | 223.8 | 224.8 | 225.8 | 226.7 | 227.7 | 228.7 | 229.6 | 230.6 | 231.6 | 232.6 |
| 52.5°  | 210.8 | 211.9 | 213.1 | 214.3 | 215.5 | 216.6 | 217.8 | 219.0 | 220.2 | 221.4 | 222.5 |
| 55°    | 193.0 | 194.4 | 195.8 | 197.3 | 198.6 | 200.1 | 201.5 | 202.9 | 204.3 | 205.7 | 206.7 |
| 57.5°  | 174.9 | 176.5 | 178.2 | 179.9 | 181.7 | 183.3 | 184.9 | 186.6 | 188.2 | 189.8 | 190.9 |
| 60°    | 162.7 | 164.5 | 166.3 | 168.1 | 169.8 | 171.6 | 173.3 | 175.1 | 176.9 | 178.7 | 179.9 |
| 62.5°  | 150.9 | 152.7 | 154.5 | 156.3 | 158.1 | 159.9 | 161.8 | 163.7 | 165.7 | 167.6 | 169.0 |
| 65°    | 132.9 | 134.9 | 137.0 | 139.0 | 141.0 | 143.1 | 145.3 | 147.4 | 149.5 | 151.6 | 152.9 |
| 67.5°  | 115.9 | 117.9 | 119.8 | 121.7 | 123.7 | 125.8 | 127.9 | 130.1 | 132.2 | 134.4 | 136.0 |
| 70°    | 103.5 | 105.5 | 107.5 | 109.5 | 111.6 | 113.7 | 116.1 | 118.4 | 120.6 | 123.0 | 124.7 |
| 72.5°  | 91.4  | 93.5  | 95.6  | 97.6  | 99.8  | 102.1 | 104.6 | 107.1 | 109.6 | 112.1 | 114.0 |
| 75°    | 73.2  | 75.5  | 77.8  | 80.1  | 82.4  | 85.0  | 87.8  | 90.7  | 93.5  | 96.3  | 98.1  |
| 77.5°  | 55.8  | 58.5  | 61.1  | 63.7  | 66.4  | 69.1  | 71.8  | 74.6  | 77.2  | 80.0  | 82.0  |
| 80°    | 44.9  | 47.6  | 50.3  | 53.0  | 55.5  | 58.4  | 61.4  | 64.4  | 67.4  | 70.4  | 72.4  |
| 82.5°  | 35.1  | 37.9  | 40.7  | 43.5  | 46.2  | 49.2  | 52.3  | 55.4  | 58.5  | 61.5  | 63.4  |
| 85°    | 21.9  | 24.8  | 27.7  | 30.7  | 33.6  | 36.6  | 39.7  | 42.8  | 45.9  | 48.9  | 50.9  |
| 87.5°  | 12.6  | 15.8  | 18.9  | 22.0  | 25.1  | 28.3  | 31.6  | 35.0  | 38.2  | 41.5  | 43.7  |
| 90°    | 7.2   | 11.6  | 16.0  | 20.4  | 24.8  | 29.1  | 33.5  | 37.9  | 42.2  | 46.6  | 49.6  |
| 92.5°  | 26.9  | 30.6  | 34.3  | 38.0  | 41.7  | 45.9  | 50.6  | 55.4  | 60.1  | 64.8  | 68.1  |
| 95°    | 61.9  | 64.6  | 67.2  | 69.9  | 72.7  | 76.5  | 81.4  | 86.4  | 91.3  | 96.3  | 99.5  |
| 97.5°  | 98.9  | 101.2 | 103.4 | 105.6 | 107.8 | 111.7 | 117.3 | 122.9 | 128.5 | 134.1 | 137.2 |
| 100°   | 126.5 | 128.4 | 130.3 | 132.1 | 134.0 | 137.6 | 142.9 | 148.3 | 153.6 | 158.9 | 162.6 |
| 102.5° | 156.2 | 158.7 | 161.2 | 163.7 | 166.2 | 169.4 | 173.5 | 177.5 | 181.6 | 185.6 | 189.2 |
| 105°   | 202.5 | 204.9 | 207.2 | 209.7 | 212.1 | 215.2 | 219.0 | 222.7 | 226.6 | 230.4 | 233.3 |
| 107.5° | 253.7 | 255.8 | 258.0 | 260.2 | 262.3 | 265.2 | 268.6 | 272.0 | 275.4 | 278.9 | 281.2 |
| 110°   | 289.0 | 290.9 | 293.0 | 295.1 | 297.0 | 299.6 | 302.6 | 305.7 | 308.8 | 311.9 | 314.1 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 325.2  | 326.6  | 328.0  | 329.3  | 330.6  | 332.9  | 336.0  | 339.1  | 342.3  | 345.4  | 347.3  |
| 115°   | 378.4  | 379.8  | 381.2  | 382.5  | 384.0  | 386.0  | 388.7  | 391.4  | 394.1  | 396.7  | 398.1  |
| 117.5° | 431.7  | 432.5  | 433.3  | 434.0  | 434.8  | 436.4  | 438.9  | 441.4  | 444.0  | 446.5  | 448.2  |
| 120°   | 465.3  | 466.5  | 467.7  | 469.0  | 470.2  | 471.9  | 474.2  | 476.4  | 478.6  | 480.8  | 482.3  |
| 122.5° | 501.2  | 501.7  | 502.1  | 502.7  | 503.1  | 504.5  | 507.0  | 509.5  | 512.0  | 514.4  | 515.7  |
| 125°   | 550.4  | 551.4  | 552.5  | 553.5  | 554.7  | 556.1  | 558.1  | 560.1  | 562.1  | 564.0  | 565.1  |
| 127.5° | 602.3  | 602.9  | 603.4  | 604.0  | 604.6  | 605.7  | 607.3  | 609.1  | 610.7  | 612.4  | 613.5  |
| 130°   | 633.7  | 634.6  | 635.4  | 636.4  | 637.2  | 638.4  | 640.1  | 641.7  | 643.3  | 645.0  | 646.0  |
| 132.5° | 664.8  | 666.3  | 668.0  | 669.5  | 671.1  | 672.3  | 673.2  | 674.1  | 674.9  | 675.8  | 676.8  |
| 135°   | 714.5  | 715.5  | 716.6  | 717.6  | 718.8  | 719.7  | 720.5  | 721.3  | 722.1  | 722.9  | 724.1  |
| 137.5° | 761.1  | 762.2  | 763.2  | 764.3  | 765.3  | 766.2  | 767.0  | 767.7  | 768.4  | 769.1  | 770.4  |
| 140°   | 790.8  | 791.8  | 792.7  | 793.8  | 794.7  | 795.5  | 796.2  | 796.9  | 797.5  | 798.1  | 799.5  |
| 142.5° | 820.8  | 821.6  | 822.3  | 823.0  | 823.8  | 824.6  | 825.3  | 826.0  | 826.8  | 827.6  | 828.6  |
| 145°   | 865.0  | 865.6  | 866.3  | 867.0  | 867.7  | 868.3  | 868.9  | 869.5  | 870.1  | 870.6  | 871.1  |
| 147.5° | 905.4  | 905.9  | 906.3  | 906.6  | 907.1  | 907.6  | 908.0  | 908.4  | 909.0  | 909.4  | 910.0  |
| 150°   | 932.6  | 932.5  | 932.2  | 932.0  | 931.9  | 932.1  | 932.9  | 933.7  | 934.4  | 935.2  | 935.2  |
| 152.5° | 954.9  | 955.2  | 955.5  | 955.8  | 956.1  | 956.3  | 956.7  | 956.9  | 957.3  | 957.6  | 958.0  |
| 155°   | 989.3  | 989.3  | 989.3  | 989.3  | 989.3  | 989.4  | 989.6  | 989.8  | 990.0  | 990.2  | 991.0  |
| 157.5° | 1020.0 | 1019.6 | 1019.2 | 1018.7 | 1018.3 | 1018.2 | 1018.4 | 1018.6 | 1018.8 | 1019.0 | 1019.8 |
| 160°   | 1038.2 | 1037.6 | 1037.0 | 1036.5 | 1035.9 | 1035.7 | 1035.9 | 1036.0 | 1036.2 | 1036.5 | 1037.2 |
| 162.5° | 1054.2 | 1053.8 | 1053.3 | 1052.9 | 1052.5 | 1052.3 | 1052.4 | 1052.4 | 1052.5 | 1052.5 | 1053.4 |
| 165°   | 1075.7 | 1075.3 | 1074.9 | 1074.5 | 1074.1 | 1074.0 | 1074.3 | 1074.4 | 1074.6 | 1074.8 | 1075.6 |
| 167.5° | 1093.8 | 1093.0 | 1092.3 | 1091.5 | 1090.7 | 1090.4 | 1090.4 | 1090.4 | 1090.4 | 1090.4 | 1091.5 |
| 170°   | 1103.6 | 1102.9 | 1102.1 | 1101.3 | 1100.5 | 1100.1 | 1100.1 | 1100.1 | 1100.1 | 1100.1 | 1101.3 |
| 172.5° | 1110.6 | 1109.8 | 1109.1 | 1108.3 | 1107.5 | 1107.1 | 1107.1 | 1107.1 | 1107.1 | 1107.1 | 1108.3 |
| 175°   | 1118.4 | 1117.7 | 1116.9 | 1116.1 | 1115.3 | 1114.9 | 1114.9 | 1114.9 | 1114.9 | 1114.9 | 1116.1 |
| 177.5° | 1122.5 | 1121.8 | 1121.2 | 1120.6 | 1120.0 | 1119.6 | 1119.4 | 1119.3 | 1119.1 | 1119.0 | 1119.9 |
| 180°   | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 |
| 2.5°   | 404.9 | 405.4 | 406.0 | 406.1 | 406.0 | 406.0 | 406.0 | 405.9 |
| 5°     | 403.7 | 404.4 | 405.1 | 405.4 | 405.4 | 405.3 | 405.2 | 405.1 |
| 7.5°   | 400.4 | 401.0 | 401.6 | 401.8 | 401.7 | 401.7 | 401.6 | 401.5 |
| 10°    | 397.2 | 397.8 | 398.4 | 398.6 | 398.6 | 398.5 | 398.4 | 398.3 |
| 12.5°  | 393.4 | 393.8 | 394.3 | 394.4 | 394.3 | 394.0 | 393.7 | 393.6 |
| 15°    | 386.2 | 386.8 | 387.3 | 387.4 | 387.0 | 386.7 | 386.3 | 386.0 |
| 17.5°  | 377.2 | 377.5 | 378.0 | 378.1 | 377.9 | 377.6 | 377.5 | 377.2 |
| 20°    | 370.2 | 370.5 | 370.7 | 370.8 | 370.8 | 370.8 | 370.8 | 370.8 |
| 22.5°  | 363.0 | 363.3 | 363.7 | 363.8 | 363.5 | 363.3 | 363.1 | 362.9 |
| 25°    | 351.6 | 352.1 | 352.4 | 352.3 | 351.9 | 351.5 | 351.0 | 350.6 |
| 27.5°  | 338.5 | 338.7 | 339.0 | 339.1 | 338.9 | 338.7 | 338.5 | 338.4 |
| 30°    | 329.4 | 329.6 | 329.8 | 329.8 | 329.8 | 329.7 | 329.6 | 329.5 |
| 32.5°  | 320.8 | 321.0 | 321.2 | 321.2 | 321.2 | 321.1 | 321.0 | 320.9 |
| 35°    | 306.9 | 307.2 | 307.5 | 307.5 | 307.5 | 307.5 | 307.5 | 307.5 |
| 37.5°  | 292.3 | 292.7 | 293.0 | 293.2 | 293.2 | 293.1 | 293.1 | 293.0 |
| 40°    | 282.4 | 282.8 | 283.2 | 283.4 | 283.6 | 283.8 | 284.0 | 284.1 |
| 42.5°  | 273.4 | 273.8 | 274.2 | 274.4 | 274.5 | 274.5 | 274.5 | 274.6 |
| 45°    | 258.7 | 259.3 | 259.9 | 260.3 | 260.4 | 260.5 | 260.5 | 260.6 |
| 47.5°  | 243.6 | 244.5 | 245.4 | 245.9 | 246.2 | 246.3 | 246.5 | 246.7 |
| 50°    | 233.5 | 234.5 | 235.5 | 236.1 | 236.3 | 236.6 | 236.9 | 237.1 |
| 52.5°  | 223.5 | 224.5 | 225.6 | 226.2 | 226.4 | 226.6 | 226.8 | 227.0 |
| 55°    | 207.7 | 208.6 | 209.7 | 210.3 | 210.6 | 210.9 | 211.4 | 211.7 |
| 57.5°  | 192.0 | 193.1 | 194.2 | 194.9 | 195.2 | 195.4 | 195.8 | 196.0 |
| 60°    | 181.3 | 182.6 | 184.0 | 184.8 | 185.0 | 185.3 | 185.5 | 185.8 |
| 62.5°  | 170.5 | 171.9 | 173.4 | 174.3 | 174.6 | 175.0 | 175.3 | 175.6 |
| 65°    | 154.3 | 155.6 | 156.9 | 157.7 | 158.1 | 158.4 | 158.9 | 159.2 |
| 67.5°  | 137.7 | 139.2 | 140.9 | 141.9 | 142.3 | 142.8 | 143.3 | 143.7 |
| 70°    | 126.3 | 128.0 | 129.7 | 130.8 | 131.3 | 131.8 | 132.3 | 132.9 |
| 72.5°  | 115.8 | 117.6 | 119.4 | 120.5 | 120.9 | 121.3 | 121.7 | 122.1 |
| 75°    | 99.9  | 101.6 | 103.4 | 104.4 | 105.0 | 105.4 | 105.8 | 106.2 |
| 77.5°  | 83.9  | 85.8  | 87.7  | 88.9  | 89.3  | 89.6  | 90.0  | 90.3  |
| 80°    | 74.3  | 76.3  | 78.2  | 79.4  | 79.7  | 80.1  | 80.4  | 80.8  |
| 82.5°  | 65.3  | 67.2  | 69.1  | 70.3  | 70.9  | 71.5  | 72.2  | 72.8  |
| 85°    | 52.9  | 54.8  | 56.7  | 58.0  | 58.7  | 59.5  | 60.2  | 60.9  |
| 87.5°  | 45.9  | 48.1  | 50.4  | 51.8  | 52.6  | 53.3  | 54.1  | 54.8  |
| 90°    | 52.6  | 55.6  | 58.6  | 60.7  | 61.9  | 63.1  | 64.3  | 65.5  |
| 92.5°  | 71.4  | 74.6  | 77.8  | 80.0  | 81.0  | 82.1  | 83.1  | 84.1  |
| 95°    | 102.8 | 106.2 | 109.4 | 111.6 | 112.6 | 113.6 | 114.6 | 115.6 |
| 97.5°  | 140.3 | 143.4 | 146.5 | 148.5 | 149.4 | 150.2 | 151.0 | 151.9 |
| 100°   | 166.2 | 169.8 | 173.3 | 175.6 | 176.5 | 177.5 | 178.4 | 179.3 |
| 102.5° | 193.0 | 196.7 | 200.4 | 202.7 | 203.8 | 204.8 | 206.0 | 207.0 |
| 105°   | 236.3 | 239.2 | 242.1 | 244.2 | 245.4 | 246.6 | 247.8 | 249.0 |
| 107.5° | 283.6 | 285.9 | 288.3 | 289.6 | 290.2 | 290.7 | 291.2 | 291.7 |
| 110°   | 316.3 | 318.7 | 320.9 | 322.2 | 322.6 | 323.0 | 323.5 | 323.9 |





TEST NUMBER: P333355-935

CATALOG NUMBER: S125DIW-S375D1050U935-4F0-1E-UDD-D1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 349.2  | 351.1  | 353.0  | 354.0  | 354.3  | 354.6  | 354.9  | 355.2  |
| 115°   | 399.6  | 401.0  | 402.3  | 403.2  | 403.6  | 403.9  | 404.2  | 404.6  |
| 117.5° | 449.8  | 451.5  | 453.1  | 453.9  | 453.7  | 453.5  | 453.3  | 453.1  |
| 120°   | 483.8  | 485.3  | 486.8  | 487.5  | 487.2  | 487.0  | 486.7  | 486.5  |
| 122.5° | 517.0  | 518.3  | 519.5  | 520.1  | 520.0  | 520.0  | 519.9  | 519.8  |
| 125°   | 566.0  | 567.1  | 568.1  | 568.8  | 569.0  | 569.3  | 569.5  | 569.7  |
| 127.5° | 614.7  | 615.8  | 616.9  | 617.5  | 617.6  | 617.8  | 617.9  | 618.0  |
| 130°   | 647.0  | 648.1  | 649.2  | 649.7  | 649.8  | 649.8  | 649.9  | 649.9  |
| 132.5° | 677.9  | 678.9  | 680.0  | 680.4  | 680.3  | 680.1  | 679.9  | 679.8  |
| 135°   | 725.2  | 726.3  | 727.5  | 728.0  | 727.6  | 727.3  | 726.9  | 726.6  |
| 137.5° | 771.7  | 772.9  | 774.2  | 774.6  | 774.0  | 773.4  | 772.7  | 772.1  |
| 140°   | 800.9  | 802.3  | 803.7  | 804.0  | 803.4  | 802.8  | 802.2  | 801.5  |
| 142.5° | 829.7  | 830.8  | 831.8  | 832.1  | 831.4  | 830.8  | 830.2  | 829.6  |
| 145°   | 871.6  | 872.0  | 872.5  | 872.5  | 872.3  | 872.1  | 871.8  | 871.7  |
| 147.5° | 910.6  | 911.2  | 911.8  | 911.5  | 910.4  | 909.2  | 908.1  | 906.9  |
| 150°   | 935.2  | 935.2  | 935.2  | 935.0  | 934.8  | 934.4  | 934.2  | 933.9  |
| 152.5° | 958.5  | 959.0  | 959.4  | 959.3  | 958.6  | 957.9  | 957.3  | 956.6  |
| 155°   | 991.8  | 992.6  | 993.3  | 993.2  | 992.2  | 991.3  | 990.3  | 989.3  |
| 157.5° | 1020.5 | 1021.3 | 1022.1 | 1021.8 | 1020.5 | 1019.3 | 1018.0 | 1016.8 |
| 160°   | 1038.0 | 1038.8 | 1039.6 | 1039.4 | 1038.5 | 1037.5 | 1036.6 | 1035.5 |
| 162.5° | 1054.4 | 1055.2 | 1056.2 | 1056.1 | 1055.0 | 1053.9 | 1052.7 | 1051.6 |
| 165°   | 1076.3 | 1077.1 | 1077.9 | 1077.7 | 1076.6 | 1075.4 | 1074.3 | 1073.1 |
| 167.5° | 1092.7 | 1093.8 | 1095.0 | 1095.0 | 1093.8 | 1092.6 | 1091.4 | 1090.2 |
| 170°   | 1102.4 | 1103.6 | 1104.7 | 1104.7 | 1103.3 | 1102.0 | 1100.6 | 1099.2 |
| 172.5° | 1109.4 | 1110.6 | 1111.7 | 1111.7 | 1110.5 | 1109.3 | 1108.1 | 1106.9 |
| 175°   | 1117.2 | 1118.4 | 1119.6 | 1119.5 | 1118.2 | 1116.8 | 1115.4 | 1114.0 |
| 177.5° | 1120.8 | 1121.8 | 1122.7 | 1122.6 | 1121.5 | 1120.4 | 1119.4 | 1118.3 |
| 180°   | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 | 1121.0 |

(END OF REPORT)