

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: P333647-935

Luminaire Tested: **S125RDIW-S375D770U935-4F0-1E-UDD-F1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333647-935  
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: S125RDIW-S375D770U935-4F0-1E-UDD-F1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER, REGRESSED  
HOUSING  
UPLIGHT 770 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3538.3 lumens  
Efficiency: N/A  
Efficacy: 116.4 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.11 / 1.25  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Semi-Indirect

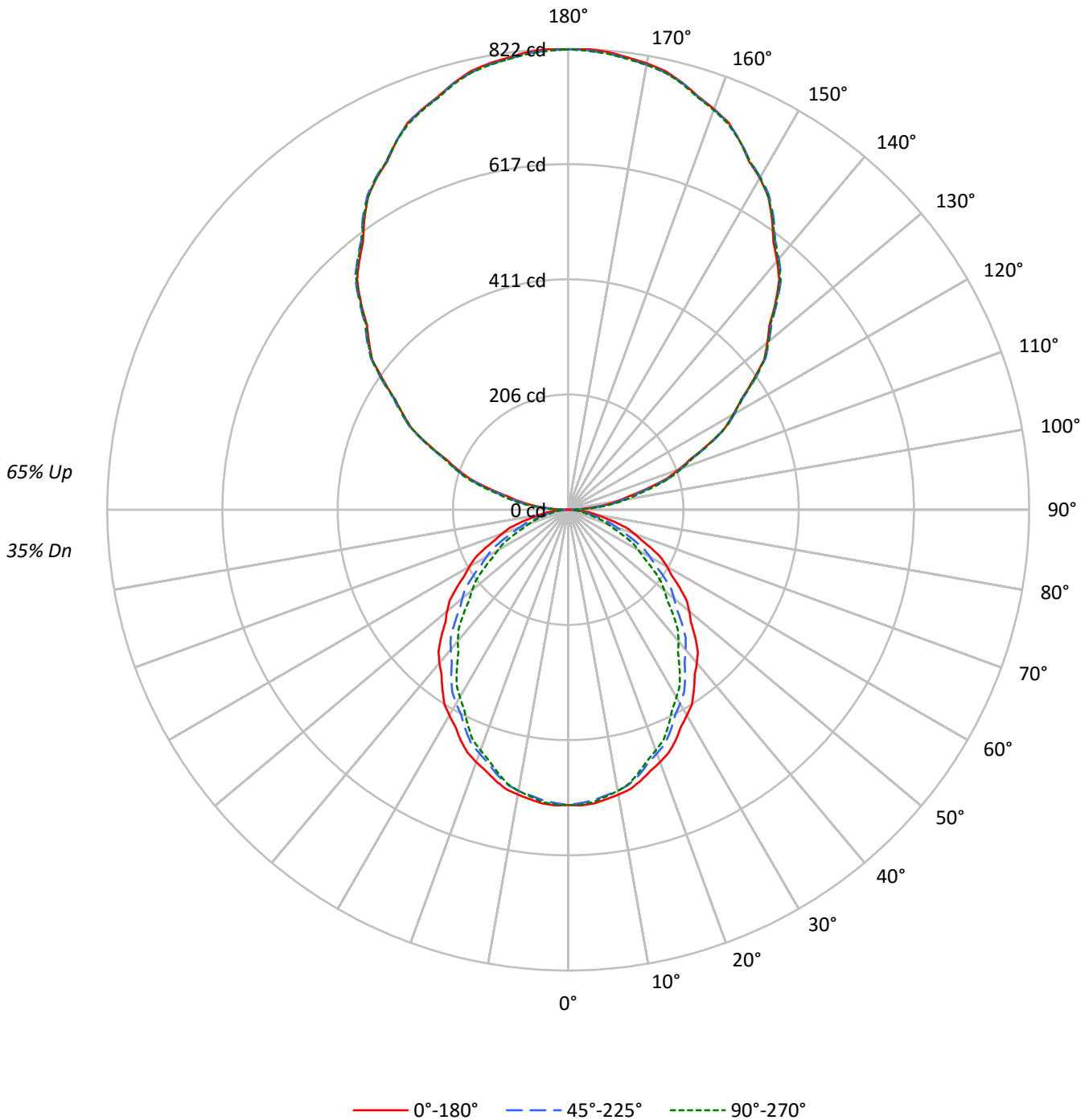
Input Watts (W): 30.4  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P333647-935

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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   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 75 | 75 | 75 | 58 | 58 | 58 | 43 | 43 | 43 | 35 |
| 1   | 95  | 90  | 87  | 83  | 85 | 82 | 79 | 76 | 66 | 64 | 62 | 51 | 50 | 49 | 38 | 37 | 36 | 30 |
| 2   | 86  | 79  | 73  | 68  | 78 | 72 | 67 | 63 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 31 | 25 |
| 3   | 79  | 70  | 63  | 57  | 71 | 63 | 57 | 52 | 51 | 47 | 43 | 40 | 37 | 35 | 30 | 28 | 26 | 22 |
| 4   | 72  | 62  | 54  | 48  | 65 | 56 | 49 | 44 | 46 | 41 | 37 | 36 | 32 | 30 | 27 | 24 | 23 | 19 |
| 5   | 66  | 55  | 47  | 41  | 60 | 50 | 43 | 38 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 | 16 |
| 6   | 61  | 49  | 41  | 36  | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 29 | 25 | 23 | 22 | 19 | 18 | 14 |
| 7   | 56  | 44  | 37  | 31  | 51 | 40 | 34 | 29 | 33 | 28 | 24 | 26 | 23 | 20 | 20 | 17 | 16 | 13 |
| 8   | 52  | 40  | 33  | 28  | 47 | 37 | 30 | 26 | 30 | 25 | 22 | 24 | 20 | 18 | 18 | 16 | 14 | 11 |
| 9   | 48  | 37  | 29  | 24  | 44 | 34 | 27 | 23 | 28 | 23 | 19 | 22 | 19 | 16 | 17 | 14 | 13 | 10 |
| 10  | 45  | 33  | 26  | 22  | 41 | 31 | 25 | 20 | 25 | 21 | 17 | 20 | 17 | 14 | 16 | 13 | 11 | 9  |

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

|     | 0°   | 45°  | 90°  |
|-----|------|------|------|
| 0°  | 3402 | 3402 | 3402 |
| 5°  | 3411 | 3371 | 3392 |
| 10° | 3385 | 3341 | 3341 |
| 15° | 3344 | 3273 | 3245 |
| 20° | 3293 | 3178 | 3140 |
| 25° | 3233 | 3085 | 3017 |
| 30° | 3157 | 2976 | 2882 |
| 35° | 3080 | 2864 | 2730 |
| 40° | 3010 | 2748 | 2580 |
| 45° | 2922 | 2617 | 2417 |
| 50° | 2834 | 2475 | 2247 |
| 55° | 2733 | 2339 | 2066 |
| 60° | 2631 | 2174 | 1870 |
| 65° | 2512 | 1984 | 1647 |
| 70° | 2374 | 1743 | 1420 |
| 75° | 2186 | 1470 | 1183 |
| 80° | 1923 | 1153 | 993  |
| 85° | 1623 | 941  | 889  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 49.5   | 1.4       |
| 10°-20°   | 138.4  | 3.9       |
| 20°-30°   | 200.8  | 5.7       |
| 30°-40°   | 228.8  | 6.5       |
| 40°-50°   | 223.0  | 6.3       |
| 50°-60°   | 187.7  | 5.3       |
| 60°-70°   | 131.6  | 3.7       |
| 70°-80°   | 67.6   | 1.9       |
| 80°-90°   | 18.9   | 0.5       |
| 90°-100°  | 55.0   | 1.6       |
| 100°-110° | 162.4  | 4.6       |
| 110°-120° | 275.1  | 7.8       |
| 120°-130° | 362.1  | 10.2      |
| 130°-140° | 405.7  | 11.5      |
| 140°-150° | 397.7  | 11.2      |
| 150°-160° | 334.0  | 9.4       |
| 160°-170° | 222.0  | 6.3       |
| 170°-180° | 77.7   | 2.2       |
| 0°-30°    | 388.7  | 11.0      |
| 0°-40°    | 617.6  | 17.5      |
| 0°-60°    | 1028.3 | 29.1      |
| 0°-90°    | 1246.4 | 35.2      |
| 90°-120°  | 492.6  | 13.9      |
| 90°-150°  | 1658.1 | 46.9      |
| 90°-180°  | 2292.0 | 64.8      |
| 0°-180°   | 3538.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|-----|-------|-----|------|
| 0°   | 527 | 527   | 527 | 527   | 527 |      |
| 5°   | 526 | 524   | 520 | 524   | 523 | 50   |
| 15°  | 500 | 498   | 490 | 489   | 485 | 141  |
| 25°  | 454 | 447   | 433 | 428   | 423 | 209  |
| 35°  | 391 | 381   | 363 | 352   | 346 | 245  |
| 45°  | 320 | 308   | 286 | 271   | 265 | 247  |
| 55°  | 243 | 230   | 208 | 190   | 184 | 217  |
| 65°  | 164 | 150   | 130 | 114   | 108 | 163  |
| 75°  | 88  | 75    | 59  | 50    | 47  | 93   |
| 85°  | 22  | 15    | 13  | 12    | 12  | 25   |
| 90°  | 1   | 6     | 10  | 13    | 15  | 3    |
| 95°  | 42  | 43    | 49  | 54    | 55  | 44   |
| 105° | 146 | 149   | 153 | 156   | 158 | 156  |
| 115° | 276 | 278   | 279 | 279   | 278 | 272  |
| 125° | 402 | 406   | 406 | 405   | 405 | 360  |
| 135° | 523 | 526   | 527 | 527   | 525 | 403  |
| 145° | 633 | 636   | 638 | 638   | 636 | 396  |
| 155° | 725 | 725   | 726 | 728   | 725 | 334  |
| 165° | 788 | 787   | 788 | 790   | 786 | 222  |
| 175° | 819 | 817   | 817 | 820   | 816 | 78   |
| 180° | 821 | 821   | 821 | 821   | 821 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 |
| 2.5°   | 527.8 | 527.6 | 527.4 | 527.2 | 526.9 | 526.5 | 525.8 | 525.0 | 524.3 | 523.7 | 524.3 |
| 5°     | 526.1 | 525.7 | 525.4 | 525.0 | 524.6 | 524.0 | 523.0 | 522.0 | 521.1 | 520.0 | 521.0 |
| 7.5°   | 520.9 | 520.6 | 520.2 | 519.9 | 519.5 | 518.8 | 517.6 | 516.4 | 515.3 | 514.1 | 514.7 |
| 10°    | 516.1 | 515.8 | 515.6 | 515.3 | 515.1 | 514.3 | 513.1 | 511.8 | 510.6 | 509.4 | 509.6 |
| 12.5°  | 510.7 | 510.3 | 510.1 | 509.7 | 509.4 | 508.3 | 506.7 | 505.1 | 503.3 | 501.7 | 501.9 |
| 15°    | 500.2 | 499.6 | 499.1 | 498.6 | 498.1 | 496.9 | 495.0 | 493.2 | 491.3 | 489.5 | 489.4 |
| 17.5°  | 488.4 | 487.5 | 486.7 | 485.9 | 485.1 | 483.5 | 481.1 | 478.8 | 476.5 | 474.2 | 473.7 |
| 20°    | 479.1 | 478.2 | 477.3 | 476.5 | 475.5 | 473.7 | 470.9 | 468.0 | 465.2 | 462.4 | 461.9 |
| 22.5°  | 468.9 | 468.0 | 467.2 | 466.2 | 465.4 | 463.5 | 460.5 | 457.5 | 454.5 | 451.6 | 450.7 |
| 25°    | 453.7 | 452.3 | 451.0 | 449.6 | 448.3 | 446.0 | 442.7 | 439.5 | 436.2 | 432.9 | 431.8 |
| 27.5°  | 436.1 | 434.5 | 432.9 | 431.3 | 429.6 | 427.1 | 423.6 | 420.1 | 416.6 | 413.1 | 411.5 |
| 30°    | 423.4 | 421.7 | 420.0 | 418.4 | 416.6 | 414.0 | 410.3 | 406.6 | 402.9 | 399.1 | 397.1 |
| 32.5°  | 411.0 | 409.0 | 407.1 | 405.1 | 403.1 | 400.3 | 396.5 | 392.7 | 388.9 | 385.1 | 382.9 |
| 35°    | 390.7 | 388.7 | 386.5 | 384.4 | 382.3 | 379.2 | 375.2 | 371.3 | 367.3 | 363.3 | 360.8 |
| 37.5°  | 370.9 | 368.3 | 365.8 | 363.2 | 360.6 | 357.2 | 353.2 | 349.0 | 345.0 | 340.9 | 337.8 |
| 40°    | 357.0 | 354.3 | 351.6 | 349.0 | 346.3 | 342.9 | 338.6 | 334.4 | 330.1 | 325.9 | 322.5 |
| 42.5°  | 342.2 | 339.6 | 336.8 | 334.2 | 331.4 | 327.9 | 323.5 | 319.1 | 314.7 | 310.3 | 307.1 |
| 45°    | 319.9 | 317.4 | 314.8 | 312.2 | 309.7 | 305.9 | 301.1 | 296.3 | 291.4 | 286.5 | 282.9 |
| 47.5°  | 296.8 | 294.0 | 291.4 | 288.6 | 285.9 | 282.1 | 277.2 | 272.3 | 267.4 | 262.5 | 258.9 |
| 50°    | 282.1 | 279.2 | 276.3 | 273.4 | 270.4 | 266.5 | 261.4 | 256.4 | 251.3 | 246.3 | 242.6 |
| 52.5°  | 266.2 | 263.2 | 260.2 | 257.3 | 254.3 | 250.4 | 245.6 | 240.8 | 236.1 | 231.4 | 227.4 |
| 55°    | 242.7 | 239.9 | 237.0 | 234.3 | 231.4 | 227.6 | 222.6 | 217.6 | 212.7 | 207.7 | 203.7 |
| 57.5°  | 219.0 | 216.0 | 212.9 | 209.9 | 206.9 | 203.0 | 198.2 | 193.5 | 188.7 | 183.9 | 180.0 |
| 60°    | 203.7 | 200.6 | 197.5 | 194.4 | 191.3 | 187.4 | 182.6 | 177.9 | 173.1 | 168.3 | 164.5 |
| 62.5°  | 187.5 | 184.5 | 181.6 | 178.7 | 175.6 | 171.8 | 166.9 | 162.1 | 157.2 | 152.4 | 148.8 |
| 65°    | 164.4 | 161.4 | 158.3 | 155.3 | 152.3 | 148.4 | 143.8 | 139.1 | 134.4 | 129.8 | 126.2 |
| 67.5°  | 141.4 | 138.4 | 135.3 | 132.3 | 129.3 | 125.5 | 121.1 | 116.6 | 112.1 | 107.6 | 104.4 |
| 70°    | 125.7 | 122.8 | 119.8 | 116.8 | 113.7 | 110.0 | 105.6 | 101.2 | 96.8  | 92.3  | 89.5  |
| 72.5°  | 110.5 | 107.5 | 104.6 | 101.7 | 98.8  | 95.1  | 91.0  | 86.9  | 82.7  | 78.6  | 76.1  |
| 75°    | 87.6  | 84.9  | 82.2  | 79.6  | 77.0  | 73.8  | 70.0  | 66.3  | 62.6  | 58.9  | 56.9  |
| 77.5°  | 64.7  | 62.7  | 60.5  | 58.4  | 56.3  | 53.7  | 50.8  | 47.8  | 44.9  | 41.8  | 40.5  |
| 80°    | 51.7  | 49.6  | 47.5  | 45.4  | 43.2  | 41.0  | 38.5  | 36.0  | 33.5  | 31.0  | 30.2  |
| 82.5°  | 39.0  | 37.1  | 35.2  | 33.2  | 31.3  | 29.5  | 27.9  | 26.2  | 24.5  | 22.7  | 22.4  |
| 85°    | 21.9  | 20.3  | 18.7  | 17.1  | 15.5  | 14.5  | 14.0  | 13.6  | 13.2  | 12.7  | 12.7  |
| 87.5°  | 7.5   | 7.1   | 6.9   | 6.6   | 6.4   | 6.3   | 6.5   | 6.5   | 6.7   | 6.8   | 7.0   |
| 90°    | 0.6   | 1.8   | 2.9   | 4.0   | 5.2   | 6.3   | 7.2   | 8.3   | 9.2   | 10.2  | 10.9  |
| 92.5°  | 15.5  | 16.3  | 17.0  | 17.8  | 18.7  | 19.6  | 20.9  | 22.1  | 23.3  | 24.5  | 25.5  |
| 95°    | 41.6  | 41.8  | 42.1  | 42.4  | 42.7  | 43.6  | 44.9  | 46.4  | 47.8  | 49.2  | 50.2  |
| 97.5°  | 69.1  | 69.1  | 69.2  | 69.4  | 69.5  | 70.5  | 72.5  | 74.5  | 76.4  | 78.4  | 79.3  |
| 100°   | 89.5  | 89.5  | 89.5  | 89.5  | 89.5  | 90.4  | 92.2  | 94.1  | 95.9  | 97.8  | 99.1  |
| 102.5° | 111.5 | 112.0 | 112.6 | 113.1 | 113.7 | 114.5 | 115.5 | 116.4 | 117.3 | 118.2 | 119.7 |
| 105°   | 145.8 | 146.5 | 147.1 | 147.8 | 148.6 | 149.4 | 150.2 | 151.0 | 151.9 | 152.7 | 153.6 |
| 107.5° | 183.6 | 184.3 | 185.0 | 185.7 | 186.4 | 187.1 | 187.8 | 188.4 | 189.1 | 189.7 | 190.1 |
| 110°   | 209.7 | 210.3 | 211.0 | 211.8 | 212.5 | 213.0 | 213.4 | 213.9 | 214.3 | 214.7 | 215.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 236.3 | 236.6 | 236.9 | 237.4 | 237.7 | 238.2 | 238.7 | 239.3 | 239.8 | 240.3 | 240.6 |
| 115°   | 275.5 | 276.0 | 276.6 | 277.2 | 277.8 | 278.2 | 278.4 | 278.7 | 279.1 | 279.3 | 279.1 |
| 117.5° | 314.9 | 315.1 | 315.4 | 315.6 | 315.9 | 316.2 | 316.4 | 316.7 | 316.9 | 317.2 | 317.3 |
| 120°   | 339.4 | 340.1 | 340.8 | 341.6 | 342.2 | 342.7 | 342.8 | 342.9 | 343.1 | 343.2 | 343.2 |
| 122.5° | 366.0 | 366.3 | 366.5 | 366.8 | 367.0 | 367.3 | 367.6 | 368.1 | 368.4 | 368.8 | 368.7 |
| 125°   | 402.0 | 402.9 | 403.7 | 404.6 | 405.4 | 406.0 | 406.0 | 406.2 | 406.4 | 406.5 | 406.2 |
| 127.5° | 440.4 | 440.8 | 441.3 | 441.9 | 442.3 | 442.6 | 442.8 | 443.0 | 443.2 | 443.3 | 443.2 |
| 130°   | 463.4 | 464.1 | 464.9 | 465.5 | 466.2 | 466.7 | 467.0 | 467.3 | 467.6 | 467.9 | 467.7 |
| 132.5° | 486.4 | 487.6 | 488.7 | 489.9 | 491.0 | 491.6 | 491.5 | 491.5 | 491.5 | 491.4 | 491.3 |
| 135°   | 522.8 | 523.7 | 524.5 | 525.4 | 526.2 | 526.8 | 526.8 | 527.0 | 527.2 | 527.3 | 527.3 |
| 137.5° | 557.1 | 557.9 | 558.7 | 559.6 | 560.4 | 560.9 | 561.3 | 561.5 | 561.9 | 562.2 | 562.4 |
| 140°   | 579.1 | 579.8 | 580.5 | 581.2 | 581.9 | 582.5 | 582.9 | 583.3 | 583.8 | 584.2 | 584.4 |
| 142.5° | 601.1 | 601.7 | 602.3 | 602.9 | 603.5 | 604.0 | 604.6 | 605.1 | 605.6 | 606.1 | 606.3 |
| 145°   | 633.4 | 634.0 | 634.6 | 635.1 | 635.7 | 636.2 | 636.6 | 637.1 | 637.5 | 637.9 | 637.9 |
| 147.5° | 663.3 | 663.7 | 663.9 | 664.3 | 664.6 | 664.9 | 665.2 | 665.6 | 665.9 | 666.2 | 666.6 |
| 150°   | 683.3 | 683.1 | 682.9 | 682.9 | 682.7 | 682.9 | 683.5 | 684.1 | 684.6 | 685.2 | 685.2 |
| 152.5° | 699.6 | 699.8 | 700.0 | 700.3 | 700.4 | 700.6 | 700.9 | 701.1 | 701.3 | 701.5 | 701.9 |
| 155°   | 724.8 | 724.8 | 724.8 | 724.8 | 724.8 | 724.9 | 725.0 | 725.1 | 725.3 | 725.5 | 726.0 |
| 157.5° | 747.3 | 747.0 | 746.7 | 746.4 | 746.1 | 746.0 | 746.1 | 746.2 | 746.4 | 746.6 | 747.1 |
| 160°   | 760.6 | 760.2 | 759.7 | 759.3 | 758.9 | 758.7 | 758.9 | 759.1 | 759.1 | 759.3 | 759.9 |
| 162.5° | 772.4 | 772.1 | 771.7 | 771.5 | 771.1 | 770.9 | 771.0 | 771.0 | 771.0 | 771.1 | 771.8 |
| 165°   | 788.1 | 787.8 | 787.6 | 787.2 | 787.0 | 786.9 | 787.0 | 787.1 | 787.3 | 787.5 | 788.0 |
| 167.5° | 801.4 | 800.8 | 800.2 | 799.7 | 799.1 | 798.8 | 798.8 | 798.8 | 798.8 | 798.8 | 799.7 |
| 170°   | 808.6 | 808.0 | 807.4 | 806.8 | 806.2 | 806.0 | 806.0 | 806.0 | 806.0 | 806.0 | 806.8 |
| 172.5° | 813.6 | 813.0 | 812.5 | 811.9 | 811.4 | 811.1 | 811.1 | 811.1 | 811.1 | 811.1 | 811.9 |
| 175°   | 819.4 | 818.8 | 818.3 | 817.7 | 817.1 | 816.8 | 816.8 | 816.8 | 816.8 | 816.8 | 817.7 |
| 177.5° | 822.3 | 821.9 | 821.4 | 821.0 | 820.5 | 820.3 | 820.1 | 820.0 | 819.9 | 819.8 | 820.4 |
| 180°   | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 | 526.8 |
| 2.5°   | 525.0 | 525.8 | 526.5 | 526.8 | 526.8 | 526.7 | 526.6 | 526.5 |
| 5°     | 521.9 | 522.7 | 523.6 | 524.0 | 523.8 | 523.6 | 523.4 | 523.2 |
| 7.5°   | 515.3 | 516.0 | 516.6 | 516.8 | 516.6 | 516.4 | 516.3 | 516.0 |
| 10°    | 509.9 | 510.1 | 510.4 | 510.4 | 510.1 | 509.9 | 509.6 | 509.4 |
| 12.5°  | 502.0 | 502.3 | 502.5 | 502.4 | 502.0 | 501.5 | 501.2 | 500.8 |
| 15°    | 489.2 | 489.1 | 489.0 | 488.6 | 487.8 | 487.1 | 486.3 | 485.4 |
| 17.5°  | 473.3 | 472.9 | 472.4 | 471.8 | 471.2 | 470.5 | 469.8 | 469.2 |
| 20°    | 461.5 | 461.1 | 460.6 | 460.0 | 459.2 | 458.4 | 457.6 | 456.8 |
| 22.5°  | 449.8 | 448.9 | 448.1 | 447.3 | 446.7 | 446.0 | 445.4 | 444.7 |
| 25°    | 430.7 | 429.5 | 428.3 | 427.3 | 426.3 | 425.3 | 424.4 | 423.4 |
| 27.5°  | 409.9 | 408.3 | 406.7 | 405.4 | 404.5 | 403.6 | 402.6 | 401.7 |
| 30°    | 395.0 | 393.0 | 391.0 | 389.6 | 388.7 | 388.0 | 387.2 | 386.4 |
| 32.5°  | 380.6 | 378.4 | 376.1 | 374.5 | 373.5 | 372.5 | 371.4 | 370.5 |
| 35°    | 358.2 | 355.6 | 353.0 | 351.1 | 349.9 | 348.7 | 347.4 | 346.2 |
| 37.5°  | 334.7 | 331.7 | 328.6 | 326.4 | 325.2 | 324.0 | 322.8 | 321.6 |
| 40°    | 319.2 | 315.8 | 312.5 | 310.2 | 309.2 | 308.2 | 307.0 | 306.0 |
| 42.5°  | 303.8 | 300.7 | 297.4 | 295.1 | 293.5 | 291.9 | 290.3 | 288.8 |
| 45°    | 279.4 | 275.9 | 272.3 | 269.9 | 268.6 | 267.3 | 266.0 | 264.6 |
| 47.5°  | 255.3 | 251.6 | 248.0 | 245.4 | 243.9 | 242.5 | 241.0 | 239.5 |
| 50°    | 238.8 | 235.1 | 231.4 | 228.9 | 227.6 | 226.3 | 225.0 | 223.6 |
| 52.5°  | 223.3 | 219.4 | 215.3 | 212.7 | 211.4 | 210.1 | 208.7 | 207.4 |
| 55°    | 199.8 | 195.8 | 191.8 | 189.1 | 187.7 | 186.2 | 184.9 | 183.5 |
| 57.5°  | 176.2 | 172.3 | 168.3 | 165.7 | 164.5 | 163.2 | 162.0 | 160.7 |
| 60°    | 160.6 | 156.6 | 152.7 | 150.2 | 148.8 | 147.5 | 146.2 | 144.8 |
| 62.5°  | 145.2 | 141.5 | 137.9 | 135.5 | 134.1 | 132.9 | 131.6 | 130.2 |
| 65°    | 122.6 | 119.1 | 115.5 | 113.1 | 111.8 | 110.5 | 109.2 | 107.8 |
| 67.5°  | 101.1 | 97.9  | 94.6  | 92.5  | 91.4  | 90.4  | 89.3  | 88.3  |
| 70°    | 86.9  | 84.1  | 81.4  | 79.5  | 78.4  | 77.3  | 76.3  | 75.2  |
| 72.5°  | 73.5  | 71.0  | 68.5  | 66.9  | 66.2  | 65.5  | 64.7  | 64.1  |
| 75°    | 55.0  | 53.0  | 51.1  | 49.9  | 49.2  | 48.6  | 48.0  | 47.4  |
| 77.5°  | 39.2  | 37.8  | 36.4  | 35.5  | 35.0  | 34.6  | 34.1  | 33.7  |
| 80°    | 29.4  | 28.7  | 27.9  | 27.4  | 27.2  | 27.0  | 26.9  | 26.7  |
| 82.5°  | 22.0  | 21.6  | 21.3  | 21.0  | 20.9  | 20.8  | 20.8  | 20.6  |
| 85°    | 12.6  | 12.5  | 12.4  | 12.3  | 12.2  | 12.1  | 12.1  | 12.0  |
| 87.5°  | 7.1   | 7.2   | 7.4   | 7.5   | 7.5   | 7.5   | 7.5   | 7.5   |
| 90°    | 11.6  | 12.4  | 13.1  | 13.6  | 14.0  | 14.5  | 14.9  | 15.3  |
| 92.5°  | 26.4  | 27.4  | 28.3  | 28.9  | 29.3  | 29.5  | 29.9  | 30.1  |
| 95°    | 51.2  | 52.2  | 53.2  | 53.8  | 54.2  | 54.4  | 54.7  | 54.9  |
| 97.5°  | 80.2  | 81.2  | 82.1  | 82.7  | 82.8  | 83.0  | 83.2  | 83.3  |
| 100°   | 100.3 | 101.6 | 102.9 | 103.7 | 104.0 | 104.3 | 104.5 | 104.8 |
| 102.5° | 121.1 | 122.4 | 123.8 | 124.7 | 125.1 | 125.5 | 125.9 | 126.3 |
| 105°   | 154.5 | 155.3 | 156.2 | 156.8 | 157.2 | 157.6 | 158.1 | 158.5 |
| 107.5° | 190.5 | 191.0 | 191.4 | 191.6 | 191.6 | 191.6 | 191.5 | 191.5 |
| 110°   | 215.6 | 216.0 | 216.5 | 216.6 | 216.5 | 216.3 | 216.2 | 216.0 |





TEST NUMBER: P333647-935

CATALOG NUMBER: S125RDIW-S375D770U935-4F0-1E-UDD-F1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 240.7 | 240.9 | 241.1 | 241.1 | 240.8 | 240.6 | 240.3 | 240.0 |
| 115°   | 279.1 | 278.9 | 278.7 | 278.6 | 278.4 | 278.4 | 278.2 | 278.0 |
| 117.5° | 317.4 | 317.5 | 317.6 | 317.4 | 316.8 | 316.2 | 315.6 | 315.1 |
| 120°   | 343.2 | 343.2 | 343.2 | 342.9 | 342.4 | 341.8 | 341.2 | 340.7 |
| 122.5° | 368.6 | 368.4 | 368.3 | 368.1 | 367.6 | 367.1 | 366.7 | 366.3 |
| 125°   | 406.0 | 405.6 | 405.4 | 405.2 | 405.0 | 404.8 | 404.8 | 404.6 |
| 127.5° | 443.1 | 442.9 | 442.7 | 442.6 | 442.3 | 442.0 | 441.7 | 441.4 |
| 130°   | 467.6 | 467.4 | 467.3 | 467.1 | 466.8 | 466.5 | 466.2 | 466.0 |
| 132.5° | 491.1 | 490.9 | 490.9 | 490.5 | 490.2 | 489.7 | 489.4 | 489.0 |
| 135°   | 527.3 | 527.3 | 527.3 | 527.0 | 526.4 | 525.9 | 525.3 | 524.8 |
| 137.5° | 562.6 | 562.7 | 562.9 | 562.6 | 561.9 | 561.2 | 560.5 | 559.7 |
| 140°   | 584.8 | 585.0 | 585.3 | 585.1 | 584.4 | 583.7 | 583.0 | 582.3 |
| 142.5° | 606.5 | 606.7 | 606.8 | 606.6 | 605.9 | 605.2 | 604.4 | 603.7 |
| 145°   | 637.9 | 637.9 | 637.9 | 637.7 | 637.2 | 636.8 | 636.4 | 635.9 |
| 147.5° | 666.9 | 667.3 | 667.6 | 667.3 | 666.3 | 665.4 | 664.4 | 663.5 |
| 150°   | 685.2 | 685.2 | 685.2 | 685.0 | 684.8 | 684.5 | 684.2 | 683.9 |
| 152.5° | 702.2 | 702.6 | 702.9 | 702.8 | 702.3 | 701.8 | 701.3 | 700.8 |
| 155°   | 726.6 | 727.1 | 727.7 | 727.6 | 726.9 | 726.3 | 725.5 | 724.8 |
| 157.5° | 747.7 | 748.2 | 748.8 | 748.6 | 747.7 | 746.7 | 745.8 | 744.9 |
| 160°   | 760.4 | 761.0 | 761.6 | 761.6 | 760.8 | 760.1 | 759.4 | 758.7 |
| 162.5° | 772.5 | 773.1 | 773.8 | 773.8 | 772.9 | 772.1 | 771.3 | 770.4 |
| 165°   | 788.6 | 789.2 | 789.7 | 789.5 | 788.8 | 787.9 | 787.0 | 786.2 |
| 167.5° | 800.6 | 801.4 | 802.2 | 802.2 | 801.3 | 800.5 | 799.6 | 798.7 |
| 170°   | 807.7 | 808.6 | 809.4 | 809.3 | 808.3 | 807.4 | 806.3 | 805.4 |
| 172.5° | 812.8 | 813.6 | 814.5 | 814.5 | 813.6 | 812.7 | 811.8 | 811.0 |
| 175°   | 818.6 | 819.4 | 820.3 | 820.2 | 819.2 | 818.2 | 817.2 | 816.2 |
| 177.5° | 821.1 | 821.8 | 822.5 | 822.4 | 821.7 | 820.9 | 820.1 | 819.2 |
| 180°   | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 | 821.3 |

(END OF REPORT)