

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1334880

Luminaire Tested: P3A02R25B2750DE010 E3A301MW\_5000K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1334880  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-61)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R25B2750DE010 E3A301MW\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3A301MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

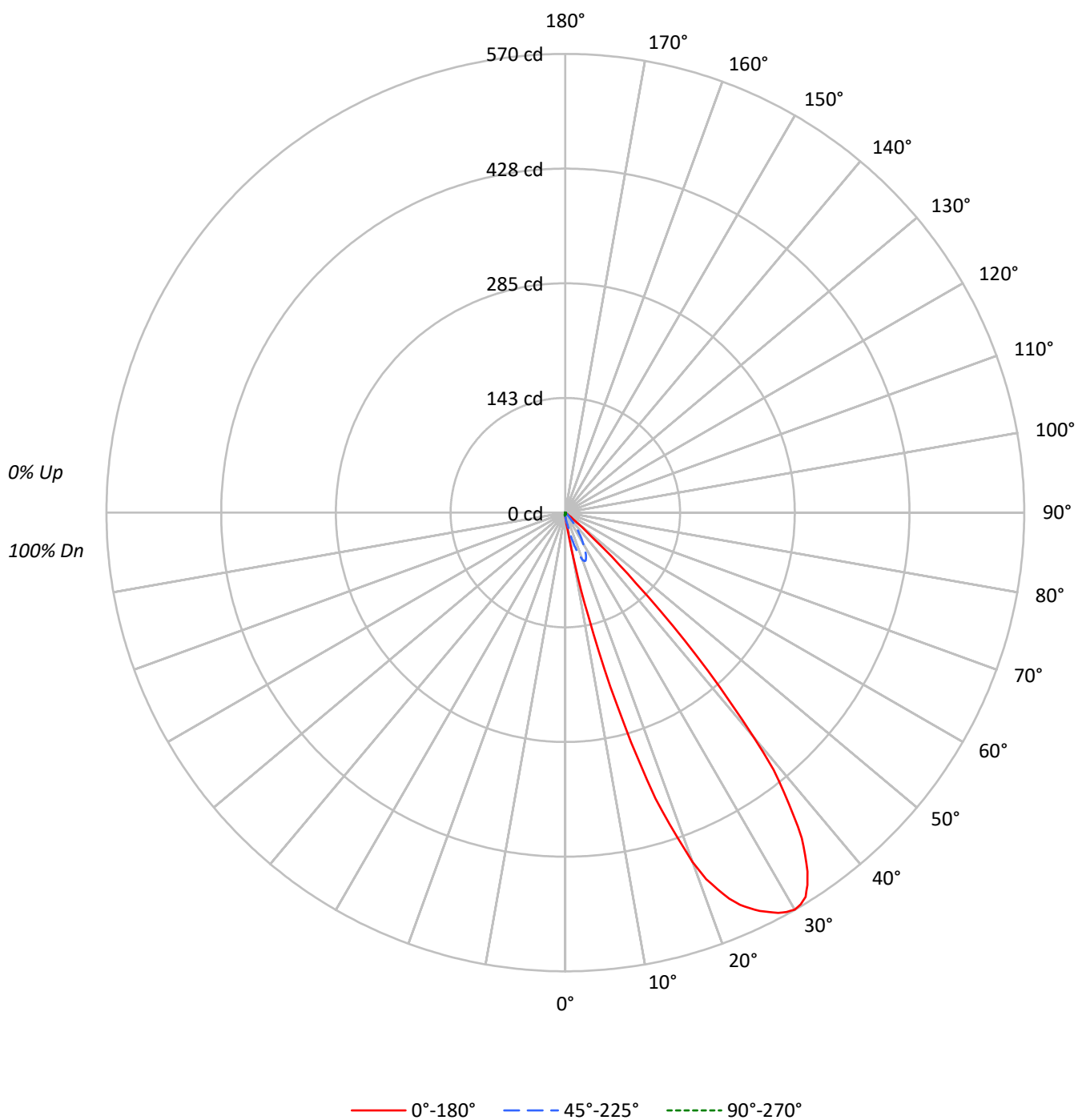
Lumens per Lamp: N/A  
Luminaire Lumens: 113.9 lumens  
Efficiency: N/A  
Efficacy: 39.3 lumens/watt  
Spacing Criteria (0/90/45): 2.36 / 0.52 / 1.27  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 2.9  
Input Voltage (V): NR  
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: 24 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  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1   | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99  | 99  | 98  | 96  | 96  | 95  | 93  | 93  | 93  | 92  |
| 2   | 106 | 100 | 95  | 92  | 104 | 98  | 94  | 91  | 95  | 92  | 89  | 92  | 89  | 87  | 89  | 87  | 85  | 85  | 85  | 83  |
| 3   | 99  | 92  | 86  | 81  | 97  | 90  | 85  | 81  | 88  | 83  | 79  | 85  | 81  | 78  | 83  | 79  | 77  | 77  | 77  | 75  |
| 4   | 93  | 84  | 77  | 72  | 91  | 83  | 77  | 72  | 80  | 75  | 71  | 78  | 74  | 70  | 76  | 73  | 69  | 69  | 69  | 68  |
| 5   | 87  | 77  | 70  | 65  | 85  | 76  | 69  | 65  | 74  | 68  | 64  | 72  | 67  | 63  | 71  | 66  | 63  | 63  | 63  | 61  |
| 6   | 81  | 71  | 63  | 58  | 79  | 70  | 63  | 58  | 68  | 62  | 58  | 67  | 61  | 57  | 65  | 61  | 57  | 57  | 57  | 55  |
| 7   | 76  | 65  | 58  | 53  | 74  | 64  | 57  | 52  | 63  | 57  | 52  | 61  | 56  | 52  | 60  | 55  | 52  | 52  | 52  | 50  |
| 8   | 71  | 60  | 52  | 48  | 70  | 59  | 52  | 47  | 58  | 52  | 47  | 57  | 51  | 47  | 56  | 51  | 47  | 47  | 47  | 45  |
| 9   | 66  | 55  | 48  | 43  | 65  | 54  | 48  | 43  | 53  | 47  | 43  | 52  | 47  | 43  | 51  | 46  | 42  | 42  | 42  | 41  |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 39  | 39  | 37  |

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

|     | 0°     | 45°   | 90°  | 135° | 180° |
|-----|--------|-------|------|------|------|
| 0°  | 1074   | 1074  | 1074 | 1074 | 1074 |
| 5°  | 2685   | 1981  | 1013 | 506  | 396  |
| 10° | 11779  | 3384  | 824  | 245  | 156  |
| 15° | 55982  | 9126  | 590  | 91   | 68   |
| 20° | 107739 | 14608 | 373  | 23   | 23   |
| 25° | 131209 | 14735 | 218  | 0    | 0    |
| 30° | 144275 | 11293 | 76   | 0    | 0    |
| 35° | 139039 | 7174  | 27   | 0    | 0    |
| 40° | 103880 | 3092  | 0    | 0    | 29   |
| 45° | 38454  | 837   | 31   | 31   | 93   |
| 50° | 4537   | 102   | 68   | 68   | 136  |
| 55° | 459    | 0     | 76   | 115  | 191  |
| 60° | 44     | 0     | 132  | 175  | 219  |
| 65° | 52     | 52    | 208  | 259  | 311  |
| 70° | 64     | 64    | 256  | 256  | 385  |
| 75° | 85     | 85    | 254  | 254  | 339  |
| 80° | 0      | 126   | 379  | 253  | 379  |
| 85° | 0      | 252   | 755  | 252  | 252  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38454 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.7    | 0.6       |
| 10°-20°   | 13.3   | 11.7      |
| 20°-30°   | 41.7   | 36.6      |
| 30°-40°   | 43.9   | 38.5      |
| 40°-50°   | 12.9   | 11.3      |
| 50°-60°   | 0.7    | 0.6       |
| 60°-70°   | 0.3    | 0.3       |
| 70°-80°   | 0.3    | 0.2       |
| 80°-90°   | 0.1    | 0.1       |
| 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°    | 55.7   | 48.9      |
| 0°-40°    | 99.6   | 87.4      |
| 0°-60°    | 113.2  | 99.4      |
| 0°-90°    | 113.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 113.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 5   | 5   | 5   | 5    | 5    |      |
| 5°  | 12  | 9   | 5   | 2    | 2    | 2    |
| 15° | 247 | 40  | 3   | 0    | 0    | 78   |
| 25° | 542 | 61  | 1   | 0    | 0    | 249  |
| 35° | 519 | 27  | 0   | 0    | 0    | 313  |
| 45° | 124 | 3   | 0   | 0    | 0    | 113  |
| 55° | 1   | 0   | 0   | 0    | 0    | 3    |
| 65° | 0   | 0   | 0   | 0    | 1    | 0    |
| 75° | 0   | 0   | 0   | 0    | 0    | 0    |
| 85° | 0   | 0   | 0   | 0    | 0    | 0    |
| 90° | 0   | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1334880

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 45°  | 67.5° | 90° | 112.5° |
|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----|--------|
| 0°    | 4.9   | 4.9   | 4.9   | 4.9   | 4.9   | 4.9   | 4.9   | 4.9  | 4.9   | 4.9 | 4.9    |
| 2.5°  | 7.6   | 7.7   | 7.3   | 7.6   | 7.3   | 7.2   | 7.1   | 6.6  | 5.7   | 4.9 | 4.0    |
| 5°    | 12.2  | 12.2  | 11.7  | 11.6  | 11.4  | 11.0  | 10.5  | 9.0  | 6.5   | 4.6 | 3.2    |
| 7.5°  | 19.1  | 19.0  | 18.8  | 18.3  | 17.2  | 16.2  | 15.1  | 11.8 | 7.1   | 4.3 | 2.4    |
| 10°   | 52.9  | 52.1  | 51.2  | 45.4  | 38.9  | 33.2  | 28.2  | 15.2 | 7.7   | 3.7 | 1.8    |
| 12.5° | 131.4 | 127.1 | 117.0 | 105.5 | 90.8  | 75.4  | 60.3  | 24.8 | 7.9   | 3.1 | 1.3    |
| 15°   | 246.6 | 237.7 | 222.0 | 199.0 | 169.0 | 135.3 | 106.6 | 40.2 | 7.7   | 2.6 | 1.0    |
| 17.5° | 372.3 | 363.8 | 342.0 | 307.1 | 262.9 | 211.1 | 160.3 | 53.3 | 7.1   | 2.1 | 0.6    |
| 20°   | 461.7 | 452.7 | 432.3 | 395.2 | 347.5 | 278.5 | 211.0 | 62.6 | 6.7   | 1.6 | 0.3    |
| 21°   | 487.9 | 478.8 | 457.3 | 421.5 | 371.3 | 302.1 | 227.3 | 64.2 | 6.4   | 1.4 | 0.2    |
| 22°   | 504.5 | 499.2 | 476.0 | 441.3 | 390.1 | 321.0 | 241.2 | 65.0 | 6.2   | 1.3 | 0.2    |
| 23°   | 521.2 | 513.2 | 491.5 | 454.9 | 404.5 | 335.0 | 251.5 | 64.5 | 6.0   | 1.1 | 0.1    |
| 24°   | 533.5 | 526.8 | 501.6 | 465.4 | 414.5 | 343.7 | 257.6 | 63.1 | 5.6   | 1.0 | 0.1    |
| 25°   | 542.3 | 536.2 | 509.9 | 472.6 | 421.2 | 348.3 | 259.5 | 60.9 | 5.3   | 0.9 | 0.1    |
| 26°   | 550.7 | 544.0 | 516.8 | 476.7 | 424.7 | 349.8 | 257.7 | 58.6 | 5.0   | 0.7 | 0.0    |
| 27°   | 556.8 | 550.0 | 521.6 | 479.2 | 424.9 | 348.0 | 252.8 | 55.4 | 4.7   | 0.6 | 0.0    |
| 28°   | 563.3 | 555.4 | 524.9 | 480.6 | 423.6 | 343.8 | 245.8 | 52.0 | 4.5   | 0.5 | 0.0    |
| 29°   | 567.2 | 559.8 | 528.3 | 482.0 | 421.0 | 336.6 | 235.6 | 48.0 | 3.9   | 0.3 | 0.0    |
| 30°   | 569.8 | 561.0 | 528.0 | 480.4 | 417.5 | 329.0 | 223.4 | 44.6 | 3.4   | 0.3 | 0.0    |
| 31°   | 567.7 | 558.4 | 524.6 | 476.0 | 411.8 | 319.0 | 210.8 | 40.3 | 2.8   | 0.2 | 0.0    |
| 32°   | 563.1 | 552.1 | 518.6 | 468.2 | 401.7 | 306.1 | 197.8 | 36.8 | 2.0   | 0.2 | 0.0    |
| 33°   | 551.9 | 542.7 | 507.9 | 457.8 | 388.5 | 288.7 | 180.9 | 33.4 | 1.4   | 0.1 | 0.0    |
| 34°   | 537.9 | 528.6 | 493.2 | 443.9 | 370.9 | 266.1 | 160.4 | 29.9 | 1.2   | 0.1 | 0.0    |
| 35°   | 519.4 | 510.2 | 476.6 | 424.4 | 347.5 | 239.0 | 139.2 | 26.8 | 1.0   | 0.1 | 0.0    |
| 36°   | 499.9 | 487.8 | 455.7 | 403.6 | 316.1 | 208.2 | 116.6 | 23.3 | 0.7   | 0.1 | 0.0    |
| 37°   | 471.3 | 463.1 | 427.5 | 372.1 | 282.2 | 178.6 | 100.1 | 20.1 | 0.5   | 0.1 | 0.0    |
| 38°   | 441.6 | 434.1 | 399.3 | 340.3 | 244.3 | 149.3 | 83.8  | 17.0 | 0.4   | 0.0 | 0.0    |
| 39°   | 411.0 | 398.4 | 364.1 | 299.5 | 204.6 | 125.1 | 70.5  | 14.3 | 0.2   | 0.0 | 0.0    |
| 40°   | 362.9 | 353.3 | 316.6 | 250.6 | 169.3 | 101.4 | 60.1  | 10.8 | 0.2   | 0.0 | 0.0    |
| 42.5° | 240.6 | 231.7 | 193.2 | 135.9 | 90.0  | 59.2  | 39.7  | 4.3  | 0.0   | 0.1 | 0.0    |
| 45°   | 124.0 | 118.4 | 96.2  | 71.2  | 51.1  | 36.4  | 25.5  | 2.7  | 0.0   | 0.1 | 0.1    |
| 47.5° | 49.2  | 48.3  | 43.6  | 37.7  | 29.0  | 21.6  | 13.9  | 1.2  | 0.0   | 0.1 | 0.1    |
| 50°   | 13.3  | 13.4  | 12.6  | 11.6  | 10.5  | 9.9   | 5.8   | 0.3  | 0.0   | 0.2 | 0.1    |
| 52.5° | 5.6   | 5.7   | 5.5   | 5.2   | 4.7   | 3.5   | 2.3   | 0.1  | 0.1   | 0.2 | 0.2    |
| 55°   | 1.2   | 1.3   | 1.4   | 1.5   | 1.7   | 1.5   | 1.0   | 0.0  | 0.1   | 0.2 | 0.2    |
| 57.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.3   | 0.3   | 0.2   | 0.0  | 0.1   | 0.2 | 0.3    |
| 60°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  | 0.2   | 0.3 | 0.3    |
| 62.5° | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.2   | 0.3 | 0.4    |
| 65°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.2   | 0.4 | 0.4    |
| 67.5° | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.3   | 0.4 | 0.4    |
| 70°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.3   | 0.4 | 0.4    |
| 72.5° | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.3   | 0.4 | 0.3    |
| 75°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.3   | 0.3 | 0.3    |
| 77.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1  | 0.2   | 0.3 | 0.3    |
| 80°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1  | 0.2   | 0.3 | 0.2    |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 5°  | 10° | 15° | 20° | 25° | 30° | 45° | 67.5° | 90° | 112.5° |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|--------|
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2   | 0.3 | 0.2    |
| 85°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2   | 0.3 | 0.2    |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2   | 0.3 | 0.2    |
| 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):**

|       | 135° | 157.5° | 180° |
|-------|------|--------|------|
| 0°    | 4.9  | 4.9    | 4.9  |
| 2.5°  | 3.4  | 3.1    | 3.0  |
| 5°    | 2.3  | 2.0    | 1.8  |
| 7.5°  | 1.6  | 1.3    | 1.2  |
| 10°   | 1.1  | 0.9    | 0.7  |
| 12.5° | 0.7  | 0.4    | 0.4  |
| 15°   | 0.4  | 0.3    | 0.3  |
| 17.5° | 0.2  | 0.1    | 0.1  |
| 20°   | 0.1  | 0.1    | 0.1  |
| 21°   | 0.0  | 0.0    | 0.0  |
| 22°   | 0.0  | 0.0    | 0.0  |
| 23°   | 0.0  | 0.0    | 0.0  |
| 24°   | 0.0  | 0.0    | 0.0  |
| 25°   | 0.0  | 0.0    | 0.0  |
| 26°   | 0.0  | 0.0    | 0.0  |
| 27°   | 0.0  | 0.0    | 0.0  |
| 28°   | 0.0  | 0.0    | 0.0  |
| 29°   | 0.0  | 0.0    | 0.0  |
| 30°   | 0.0  | 0.0    | 0.0  |
| 31°   | 0.0  | 0.0    | 0.0  |
| 32°   | 0.0  | 0.0    | 0.0  |
| 33°   | 0.0  | 0.0    | 0.0  |
| 34°   | 0.0  | 0.0    | 0.0  |
| 35°   | 0.0  | 0.0    | 0.0  |
| 36°   | 0.0  | 0.0    | 0.0  |
| 37°   | 0.0  | 0.0    | 0.0  |
| 38°   | 0.0  | 0.0    | 0.1  |
| 39°   | 0.0  | 0.1    | 0.1  |
| 40°   | 0.0  | 0.1    | 0.1  |
| 42.5° | 0.0  | 0.1    | 0.2  |
| 45°   | 0.1  | 0.2    | 0.3  |
| 47.5° | 0.2  | 0.3    | 0.4  |
| 50°   | 0.2  | 0.4    | 0.4  |
| 52.5° | 0.3  | 0.4    | 0.5  |
| 55°   | 0.3  | 0.5    | 0.5  |
| 57.5° | 0.4  | 0.5    | 0.6  |
| 60°   | 0.4  | 0.5    | 0.5  |
| 62.5° | 0.4  | 0.6    | 0.6  |
| 65°   | 0.5  | 0.6    | 0.6  |
| 67.5° | 0.5  | 0.6    | 0.6  |
| 70°   | 0.4  | 0.5    | 0.6  |
| 72.5° | 0.4  | 0.5    | 0.5  |
| 75°   | 0.3  | 0.4    | 0.4  |
| 77.5° | 0.3  | 0.3    | 0.4  |
| 80°   | 0.2  | 0.3    | 0.3  |



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**CANDELA DISTRIBUTION (continued):**

|       | 135° | 157.5° | 180° |
|-------|------|--------|------|
| 82.5° | 0.2  | 0.2    | 0.2  |
| 85°   | 0.1  | 0.1    | 0.1  |
| 87.5° | 0.1  | 0.1    | 0.1  |
| 90°   | 0.0  | 0.0    | 0.0  |

(END OF REPORT)