

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: P1334872

Luminaire Tested: P3A02R25B2750DE010 E3A301LI\_3000K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1334872  
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 E3A301LI\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3A301LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

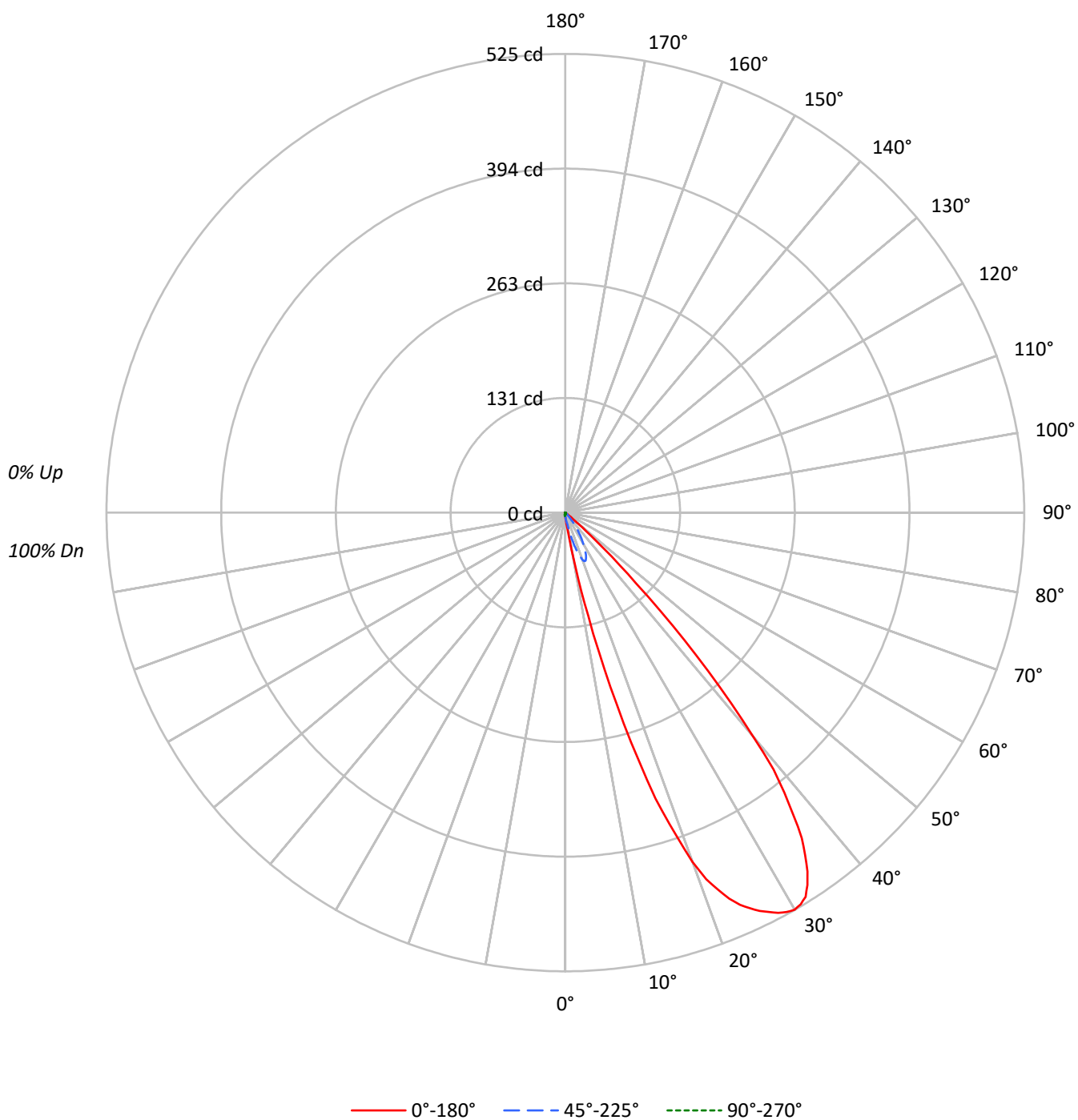
Lumens per Lamp: N/A  
Luminaire Lumens: 105.0 lumens  
Efficiency: N/A  
Efficacy: 36.2 lumens/watt  
Spacing Criteria (0/90/45): 2.36 / 0.52 / 1.27  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

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

|     | 0°     | 45°   | 90° | 135° | 180° |
|-----|--------|-------|-----|------|------|
| 0°  | 987    | 987   | 987 | 987  | 987  |
| 5°  | 2487   | 1827  | 924 | 484  | 374  |
| 10° | 10844  | 3117  | 757 | 223  | 156  |
| 15° | 51555  | 8400  | 545 | 91   | 68   |
| 20° | 99245  | 13465 | 350 | 23   | 23   |
| 25° | 120854 | 13573 | 194 | 0    | 0    |
| 30° | 132881 | 10381 | 76  | 0    | 0    |
| 35° | 128064 | 6612  | 27  | 0    | 0    |
| 40° | 95694  | 2863  | 0   | 0    | 29   |
| 45° | 35415  | 744   | 31  | 31   | 93   |
| 50° | 4162   | 102   | 68  | 68   | 136  |
| 55° | 421    | 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: 35415 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.7    | 0.6       |
| 10°-20°   | 12.2   | 11.7      |
| 20°-30°   | 38.4   | 36.6      |
| 30°-40°   | 40.4   | 38.5      |
| 40°-50°   | 11.9   | 11.3      |
| 50°-60°   | 0.6    | 0.6       |
| 60°-70°   | 0.3    | 0.3       |
| 70°-80°   | 0.3    | 0.3       |
| 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       |
| <hr/>     |        |           |
| 0°-30°    | 51.3   | 48.9      |
| 0°-40°    | 91.8   | 87.4      |
| 0°-60°    | 104.3  | 99.3      |
| 0°-90°    | 105.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 105.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 4   | 4   | 4   | 4    | 4    |      |
| 5°  | 11  | 8   | 4   | 2    | 2    | 2    |
| 15° | 227 | 37  | 2   | 0    | 0    | 72   |
| 25° | 500 | 56  | 1   | 0    | 0    | 229  |
| 35° | 478 | 25  | 0   | 0    | 0    | 289  |
| 45° | 114 | 2   | 0   | 0    | 0    | 104  |
| 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    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 45°  | 67.5° | 90° | 112.5° |
|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----|--------|
| 0°    | 4.5   | 4.5   | 4.5   | 4.5   | 4.5   | 4.5   | 4.5   | 4.5  | 4.5   | 4.5 | 4.5    |
| 2.5°  | 7.0   | 7.1   | 6.8   | 7.0   | 6.8   | 6.7   | 6.6   | 6.1  | 5.3   | 4.5 | 3.7    |
| 5°    | 11.3  | 11.3  | 10.8  | 10.7  | 10.5  | 10.1  | 9.7   | 8.3  | 6.0   | 4.2 | 2.9    |
| 7.5°  | 17.6  | 17.5  | 17.3  | 16.9  | 15.9  | 14.9  | 13.9  | 10.9 | 6.6   | 3.9 | 2.3    |
| 10°   | 48.7  | 48.0  | 47.1  | 41.8  | 35.9  | 30.6  | 26.0  | 14.0 | 7.1   | 3.4 | 1.7    |
| 12.5° | 121.0 | 117.1 | 107.8 | 97.2  | 83.7  | 69.5  | 55.5  | 22.8 | 7.2   | 2.8 | 1.2    |
| 15°   | 227.1 | 219.0 | 204.5 | 183.3 | 155.7 | 124.6 | 98.2  | 37.0 | 7.1   | 2.4 | 0.9    |
| 17.5° | 342.9 | 335.0 | 315.0 | 282.8 | 242.2 | 194.5 | 147.6 | 49.1 | 6.6   | 2.0 | 0.6    |
| 20°   | 425.3 | 416.9 | 398.1 | 364.0 | 320.1 | 256.5 | 194.4 | 57.7 | 6.2   | 1.5 | 0.3    |
| 21°   | 449.4 | 441.0 | 421.2 | 388.2 | 342.0 | 278.2 | 209.4 | 59.2 | 5.9   | 1.3 | 0.2    |
| 22°   | 464.7 | 459.8 | 438.4 | 406.5 | 359.3 | 295.7 | 222.2 | 59.9 | 5.7   | 1.2 | 0.2    |
| 23°   | 480.0 | 472.7 | 452.7 | 419.0 | 372.6 | 308.6 | 231.7 | 59.4 | 5.5   | 1.0 | 0.1    |
| 24°   | 491.4 | 485.2 | 462.0 | 428.7 | 381.8 | 316.5 | 237.3 | 58.1 | 5.2   | 0.9 | 0.1    |
| 25°   | 499.5 | 493.8 | 469.7 | 435.3 | 387.9 | 320.8 | 239.0 | 56.1 | 4.9   | 0.8 | 0.1    |
| 26°   | 507.3 | 501.1 | 476.0 | 439.1 | 391.2 | 322.2 | 237.4 | 54.0 | 4.6   | 0.7 | 0.0    |
| 27°   | 512.9 | 506.6 | 480.4 | 441.3 | 391.4 | 320.5 | 232.9 | 51.0 | 4.3   | 0.6 | 0.0    |
| 28°   | 518.8 | 511.6 | 483.5 | 442.6 | 390.2 | 316.6 | 226.4 | 47.9 | 4.1   | 0.5 | 0.0    |
| 29°   | 522.5 | 515.6 | 486.6 | 444.0 | 387.8 | 310.1 | 217.0 | 44.2 | 3.6   | 0.3 | 0.0    |
| 30°   | 524.8 | 516.7 | 486.3 | 442.5 | 384.5 | 303.0 | 205.7 | 41.0 | 3.1   | 0.3 | 0.0    |
| 31°   | 522.8 | 514.3 | 483.2 | 438.4 | 379.3 | 293.8 | 194.2 | 37.1 | 2.5   | 0.2 | 0.0    |
| 32°   | 518.6 | 508.5 | 477.7 | 431.2 | 370.0 | 281.9 | 182.2 | 33.9 | 1.9   | 0.2 | 0.0    |
| 33°   | 508.3 | 499.8 | 467.8 | 421.6 | 357.9 | 265.9 | 166.6 | 30.8 | 1.3   | 0.1 | 0.0    |
| 34°   | 495.4 | 486.9 | 454.3 | 408.8 | 341.6 | 245.1 | 147.7 | 27.5 | 1.1   | 0.1 | 0.0    |
| 35°   | 478.4 | 469.9 | 439.0 | 390.9 | 320.1 | 220.1 | 128.2 | 24.7 | 0.9   | 0.1 | 0.0    |
| 36°   | 460.4 | 449.3 | 419.7 | 371.8 | 291.2 | 191.7 | 107.4 | 21.5 | 0.7   | 0.1 | 0.0    |
| 37°   | 434.1 | 426.5 | 393.7 | 342.7 | 259.9 | 164.5 | 92.2  | 18.5 | 0.5   | 0.1 | 0.0    |
| 38°   | 406.8 | 399.8 | 367.8 | 313.4 | 225.0 | 137.5 | 77.2  | 15.7 | 0.4   | 0.0 | 0.0    |
| 39°   | 378.5 | 367.0 | 335.3 | 275.9 | 188.5 | 115.2 | 65.0  | 13.1 | 0.2   | 0.0 | 0.0    |
| 40°   | 334.3 | 325.4 | 291.6 | 230.8 | 156.0 | 93.4  | 55.4  | 10.0 | 0.2   | 0.0 | 0.0    |
| 42.5° | 221.6 | 213.4 | 177.9 | 125.2 | 82.9  | 54.6  | 36.5  | 3.9  | 0.0   | 0.1 | 0.0    |
| 45°   | 114.2 | 109.0 | 88.6  | 65.5  | 47.0  | 33.5  | 23.5  | 2.4  | 0.0   | 0.1 | 0.1    |
| 47.5° | 45.4  | 44.5  | 40.2  | 34.7  | 26.7  | 19.9  | 12.8  | 1.1  | 0.0   | 0.1 | 0.1    |
| 50°   | 12.2  | 12.3  | 11.6  | 10.7  | 9.7   | 9.1   | 5.4   | 0.3  | 0.0   | 0.2 | 0.1    |
| 52.5° | 5.2   | 5.3   | 5.1   | 4.8   | 4.3   | 3.2   | 2.2   | 0.1  | 0.1   | 0.2 | 0.2    |
| 55°   | 1.1   | 1.2   | 1.3   | 1.4   | 1.6   | 1.4   | 0.9   | 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°    | 4.5  | 4.5    | 4.5  |
| 2.5°  | 3.1  | 2.8    | 2.7  |
| 5°    | 2.2  | 1.9    | 1.7  |
| 7.5°  | 1.5  | 1.2    | 1.1  |
| 10°   | 1.0  | 0.8    | 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)