

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: P1334865

Luminaire Tested: P3A02R25B2750DE010 E3A301GPH\_5000K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1334865  
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 E3A301GPH\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3A301GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

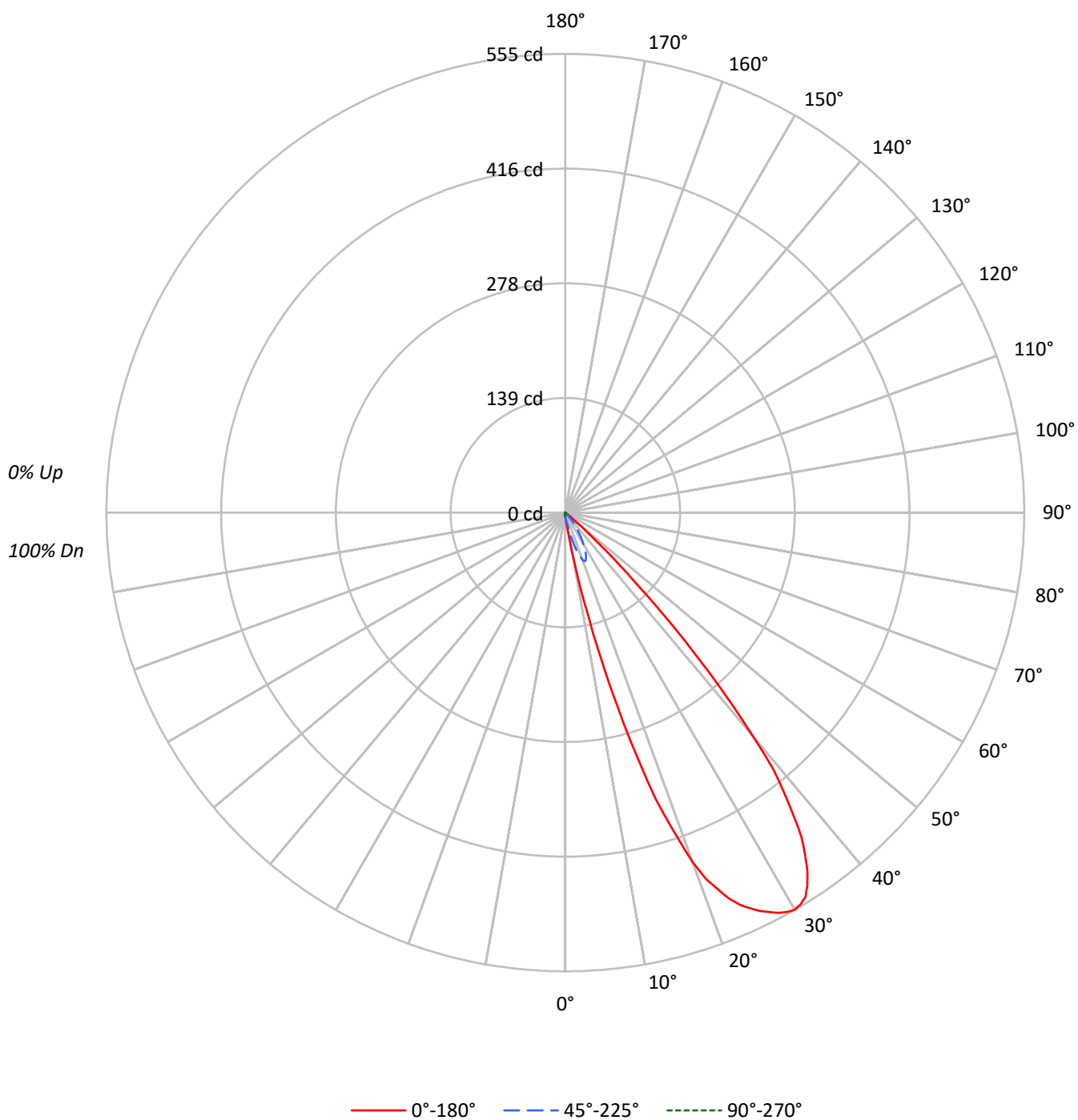
Lumens per Lamp: N/A  
Luminaire Lumens: 111.0 lumens  
Efficiency: N/A  
Efficacy: 38.3 lumens/watt  
Spacing Criteria (0/90/45): 2.36 / 0.51 / 1.27  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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 | 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  | 104 | 98  | 94  | 91  | 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  | 61  | 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  | 70  | 59  | 52  | 47  | 58  | 52  | 47  | 57  | 51  | 47  | 56  | 51  | 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°  | 1053   | 1053  | 1053 | 1053 | 1053 |
| 5°  | 2619   | 1937  | 991  | 506  | 396  |
| 10° | 11467  | 3295  | 802  | 223  | 156  |
| 15° | 54507  | 8876  | 568  | 91   | 68   |
| 20° | 104916 | 14235 | 373  | 23   | 23   |
| 25° | 127774 | 14348 | 194  | 0    | 0    |
| 30° | 140477 | 10989 | 76   | 0    | 0    |
| 35° | 135372 | 6987  | 27   | 0    | 0    |
| 40° | 101161 | 3034  | 0    | 0    | 29   |
| 45° | 37461  | 806   | 31   | 31   | 93   |
| 50° | 4401   | 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: 37461 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.7    | 0.6       |
| 10°-20°   | 12.9   | 11.7      |
| 20°-30°   | 40.6   | 36.6      |
| 30°-40°   | 42.8   | 38.5      |
| 40°-50°   | 12.6   | 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       |
| <hr/>     |        |           |
| 0°-30°    | 54.2   | 48.9      |
| 0°-40°    | 97.0   | 87.4      |
| 0°-60°    | 110.2  | 99.3      |
| 0°-90°    | 111.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 111.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 5   | 5   | 5   | 5    | 5    |      |
| 5°  | 12  | 9   | 4   | 2    | 2    | 2    |
| 15° | 240 | 39  | 2   | 0    | 0    | 76   |
| 25° | 528 | 59  | 1   | 0    | 0    | 242  |
| 35° | 506 | 26  | 0   | 0    | 0    | 305  |
| 45° | 121 | 3   | 0   | 0    | 0    | 110  |
| 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°    | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8  | 4.8   | 4.8 | 4.8    |
| 2.5°  | 7.4   | 7.5   | 7.1   | 7.4   | 7.1   | 7.0   | 6.9   | 6.4  | 5.6   | 4.8 | 3.9    |
| 5°    | 11.9  | 11.9  | 11.4  | 11.3  | 11.1  | 10.7  | 10.3  | 8.8  | 6.3   | 4.5 | 3.1    |
| 7.5°  | 18.6  | 18.5  | 18.3  | 17.8  | 16.8  | 15.7  | 14.7  | 11.5 | 6.9   | 4.1 | 2.4    |
| 10°   | 51.5  | 50.7  | 49.8  | 44.2  | 37.9  | 32.3  | 27.4  | 14.8 | 7.5   | 3.6 | 1.8    |
| 12.5° | 127.9 | 123.8 | 113.9 | 102.7 | 88.4  | 73.4  | 58.7  | 24.1 | 7.7   | 3.0 | 1.2    |
| 15°   | 240.1 | 231.5 | 216.1 | 193.8 | 164.6 | 131.7 | 103.8 | 39.1 | 7.5   | 2.5 | 0.9    |
| 17.5° | 362.5 | 354.2 | 333.0 | 299.0 | 256.0 | 205.6 | 156.1 | 51.9 | 6.9   | 2.1 | 0.6    |
| 20°   | 449.6 | 440.8 | 420.9 | 384.8 | 338.3 | 271.1 | 205.5 | 61.0 | 6.5   | 1.6 | 0.3    |
| 21°   | 475.0 | 466.2 | 445.2 | 410.4 | 361.5 | 294.1 | 221.3 | 62.6 | 6.2   | 1.3 | 0.2    |
| 22°   | 491.2 | 486.0 | 463.5 | 429.7 | 379.9 | 312.6 | 234.9 | 63.3 | 6.0   | 1.2 | 0.2    |
| 23°   | 507.5 | 499.7 | 478.6 | 442.9 | 393.9 | 326.2 | 244.9 | 62.8 | 5.8   | 1.0 | 0.1    |
| 24°   | 519.5 | 513.0 | 488.4 | 453.2 | 403.6 | 334.6 | 250.8 | 61.4 | 5.5   | 0.9 | 0.1    |
| 25°   | 528.1 | 522.1 | 496.5 | 460.1 | 410.1 | 339.2 | 252.7 | 59.3 | 5.2   | 0.8 | 0.1    |
| 26°   | 536.3 | 529.7 | 503.2 | 464.2 | 413.5 | 340.6 | 250.9 | 57.1 | 4.9   | 0.7 | 0.0    |
| 27°   | 542.2 | 535.5 | 507.9 | 466.6 | 413.7 | 338.9 | 246.2 | 54.0 | 4.6   | 0.6 | 0.0    |
| 28°   | 548.5 | 540.8 | 511.1 | 467.9 | 412.5 | 334.7 | 239.3 | 50.6 | 4.3   | 0.5 | 0.0    |
| 29°   | 552.3 | 545.1 | 514.4 | 469.4 | 409.9 | 327.8 | 229.4 | 46.7 | 3.8   | 0.3 | 0.0    |
| 30°   | 554.8 | 546.2 | 514.1 | 467.8 | 406.5 | 320.3 | 217.5 | 43.4 | 3.3   | 0.3 | 0.0    |
| 31°   | 552.7 | 543.7 | 510.8 | 463.5 | 401.0 | 310.6 | 205.3 | 39.3 | 2.7   | 0.2 | 0.0    |
| 32°   | 548.3 | 537.6 | 505.0 | 455.9 | 391.2 | 298.1 | 192.6 | 35.8 | 2.0   | 0.2 | 0.0    |
| 33°   | 537.4 | 528.4 | 494.5 | 445.7 | 378.3 | 281.1 | 176.2 | 32.5 | 1.3   | 0.1 | 0.0    |
| 34°   | 523.7 | 514.7 | 480.2 | 432.2 | 361.1 | 259.1 | 156.2 | 29.1 | 1.1   | 0.1 | 0.0    |
| 35°   | 505.7 | 496.8 | 464.1 | 413.2 | 338.3 | 232.7 | 135.6 | 26.1 | 0.9   | 0.1 | 0.0    |
| 36°   | 486.8 | 474.9 | 443.7 | 393.0 | 307.8 | 202.7 | 113.5 | 22.7 | 0.7   | 0.1 | 0.0    |
| 37°   | 458.9 | 450.9 | 416.2 | 362.3 | 274.8 | 173.9 | 97.5  | 19.6 | 0.5   | 0.1 | 0.0    |
| 38°   | 430.0 | 422.6 | 388.8 | 331.3 | 237.9 | 145.4 | 81.6  | 16.6 | 0.4   | 0.0 | 0.0    |
| 39°   | 400.2 | 388.0 | 354.5 | 291.6 | 199.3 | 121.8 | 68.7  | 13.9 | 0.2   | 0.0 | 0.0    |
| 40°   | 353.4 | 344.0 | 308.3 | 244.0 | 164.9 | 98.7  | 58.5  | 10.6 | 0.2   | 0.0 | 0.0    |
| 42.5° | 234.3 | 225.6 | 188.1 | 132.4 | 87.6  | 57.7  | 38.6  | 4.1  | 0.0   | 0.1 | 0.0    |
| 45°   | 120.8 | 115.3 | 93.6  | 69.3  | 49.7  | 35.4  | 24.9  | 2.6  | 0.0   | 0.1 | 0.1    |
| 47.5° | 48.0  | 47.0  | 42.5  | 36.7  | 28.3  | 21.0  | 13.6  | 1.1  | 0.0   | 0.1 | 0.1    |
| 50°   | 12.9  | 13.0  | 12.2  | 11.3  | 10.3  | 9.6   | 5.7   | 0.3  | 0.0   | 0.2 | 0.1    |
| 52.5° | 5.5   | 5.6   | 5.4   | 5.1   | 4.6   | 3.4   | 2.3   | 0.1  | 0.1   | 0.2 | 0.2    |
| 55°   | 1.1   | 1.2   | 1.3   | 1.4   | 1.7   | 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°    | 4.8  | 4.8    | 4.8  |
| 2.5°  | 3.3  | 3.0    | 2.9  |
| 5°    | 2.3  | 2.0    | 1.8  |
| 7.5°  | 1.6  | 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)