

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: P1337465

Luminaire Tested: P3A05R259830DE010 E3A301LI

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1337465  
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: P3A05R259830DE010 E3A301LI  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3A301LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

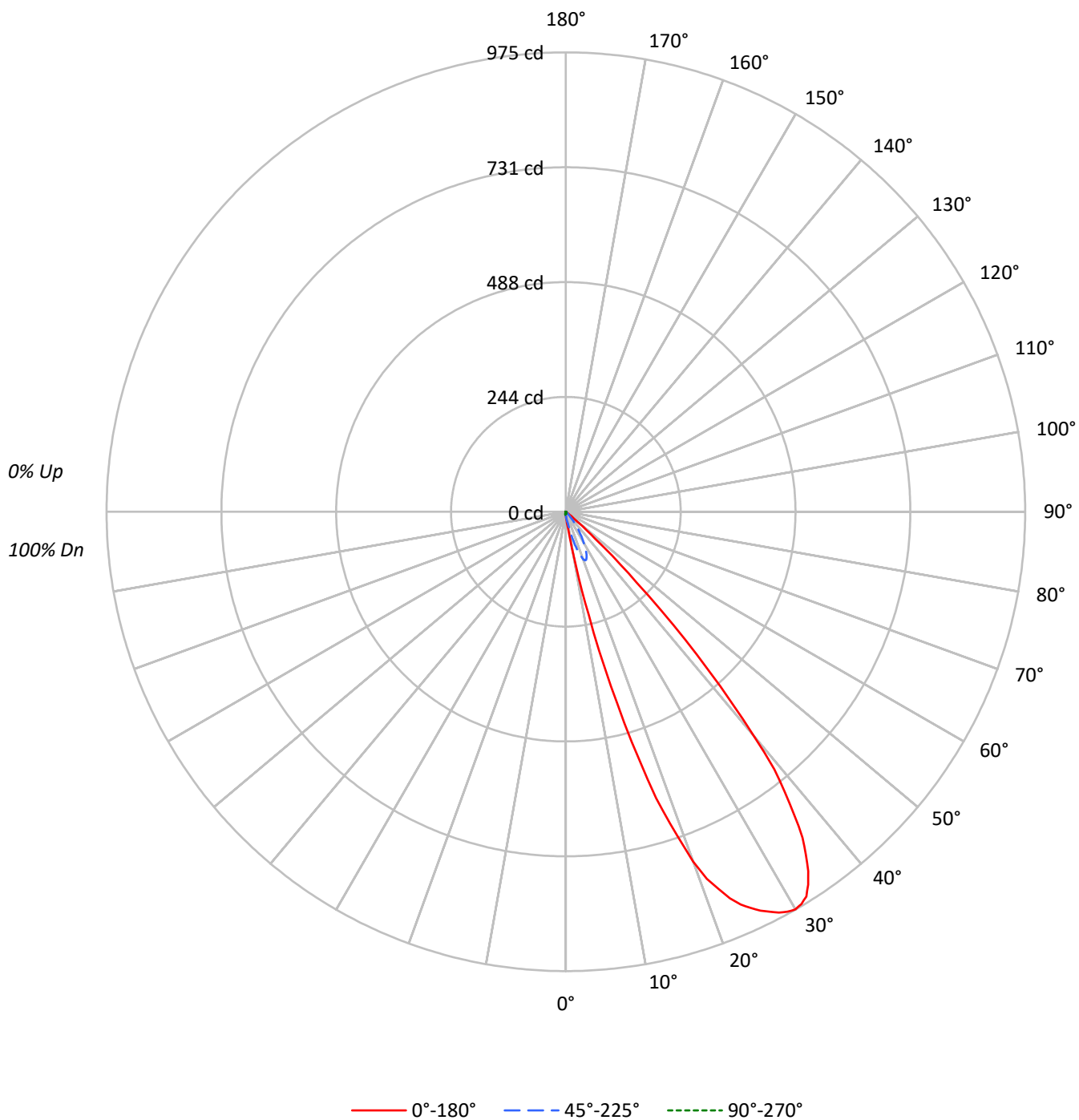
Lumens per Lamp: N/A  
Luminaire Lumens: 195.0 lumens  
Efficiency: N/A  
Efficacy: 27.1 lumens/watt  
Spacing Criteria (0/90/45): 2.36 / 0.51 / 1.27  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 7.2  
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  | 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  | 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°  | 1842   | 1842  | 1842 | 1842 | 1842 |
| 5°  | 4600   | 3412  | 1717 | 880  | 682  |
| 10° | 20129  | 5789  | 1425 | 401  | 289  |
| 15° | 95733  | 15619 | 999  | 159  | 114  |
| 20° | 184303 | 25016 | 630  | 47   | 47   |
| 25° | 224457 | 25235 | 363  | 0    | 0    |
| 30° | 246772 | 19294 | 127  | 0    | 0    |
| 35° | 237818 | 12260 | 54   | 0    | 0    |
| 40° | 177704 | 5324  | 0    | 0    | 57   |
| 45° | 65774  | 1395  | 62   | 62   | 155  |
| 50° | 7744   | 171   | 136  | 136  | 239  |
| 55° | 765    | 0     | 153  | 191  | 344  |
| 60° | 88     | 0     | 219  | 307  | 395  |
| 65° | 104    | 104   | 363  | 467  | 571  |
| 70° | 128    | 128   | 449  | 449  | 705  |
| 75° | 169    | 169   | 424  | 424  | 593  |
| 80° | 0      | 253   | 631  | 505  | 631  |
| 85° | 0      | 503   | 1258 | 503  | 503  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65774 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.2    | 0.6       |
| 10°-20°   | 22.7   | 11.7      |
| 20°-30°   | 71.4   | 36.6      |
| 30°-40°   | 75.1   | 38.5      |
| 40°-50°   | 22.1   | 11.3      |
| 50°-60°   | 1.2    | 0.6       |
| 60°-70°   | 0.6    | 0.3       |
| 70°-80°   | 0.5    | 0.2       |
| 80°-90°   | 0.3    | 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°    | 95.3   | 48.9      |
| 0°-40°    | 170.4  | 87.4      |
| 0°-60°    | 193.7  | 99.3      |
| 0°-90°    | 195.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 195.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 8   | 8   | 8   | 8    | 8    |      |
| 5°  | 21  | 16  | 8   | 4    | 3    | 4    |
| 15° | 422 | 69  | 4   | 1    | 0    | 133  |
| 25° | 928 | 104 | 2   | 0    | 0    | 425  |
| 35° | 888 | 46  | 0   | 0    | 0    | 536  |
| 45° | 212 | 4   | 0   | 0    | 0    | 193  |
| 55° | 2   | 0   | 0   | 0    | 1    | 5    |
| 65° | 0   | 0   | 1   | 1    | 1    | 0    |
| 75° | 0   | 0   | 0   | 0    | 1    | 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°    | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.4 | 8.4    |
| 2.5°  | 12.9  | 13.1  | 12.6  | 12.9  | 12.6  | 12.4  | 12.2  | 11.3  | 9.8   | 8.4 | 6.9    |
| 5°    | 20.9  | 20.9  | 20.0  | 19.8  | 19.5  | 18.7  | 18.0  | 15.5  | 11.1  | 7.8 | 5.5    |
| 7.5°  | 32.7  | 32.6  | 32.2  | 31.3  | 29.5  | 27.7  | 25.8  | 20.2  | 12.2  | 7.3 | 4.2    |
| 10°   | 90.4  | 89.1  | 87.5  | 77.7  | 66.6  | 56.8  | 48.2  | 26.0  | 13.1  | 6.4 | 3.1    |
| 12.5° | 224.7 | 217.4 | 200.1 | 180.5 | 155.4 | 129.0 | 103.2 | 42.4  | 13.5  | 5.3 | 2.2    |
| 15°   | 421.7 | 406.6 | 379.7 | 340.4 | 289.1 | 231.4 | 182.3 | 68.8  | 13.1  | 4.4 | 1.6    |
| 17.5° | 636.8 | 622.2 | 584.9 | 525.3 | 449.7 | 361.1 | 274.2 | 91.2  | 12.2  | 3.6 | 1.1    |
| 20°   | 789.8 | 774.3 | 739.4 | 676.1 | 594.4 | 476.3 | 361.0 | 107.2 | 11.5  | 2.7 | 0.5    |
| 21°   | 834.5 | 819.1 | 782.1 | 721.0 | 635.1 | 516.7 | 388.8 | 109.9 | 10.9  | 2.4 | 0.4    |
| 22°   | 862.9 | 853.8 | 814.2 | 754.9 | 667.3 | 549.1 | 412.6 | 111.2 | 10.6  | 2.2 | 0.4    |
| 23°   | 891.5 | 877.8 | 840.7 | 778.1 | 691.9 | 573.1 | 430.3 | 110.3 | 10.2  | 1.8 | 0.2    |
| 24°   | 912.6 | 901.1 | 858.0 | 796.2 | 709.0 | 587.8 | 440.7 | 107.9 | 9.6   | 1.6 | 0.2    |
| 25°   | 927.7 | 917.1 | 872.2 | 808.3 | 720.5 | 595.8 | 443.9 | 104.3 | 9.1   | 1.5 | 0.2    |
| 26°   | 942.1 | 930.6 | 884.0 | 815.4 | 726.5 | 598.4 | 440.8 | 100.2 | 8.6   | 1.3 | 0.0    |
| 27°   | 952.4 | 940.8 | 892.2 | 819.6 | 726.8 | 595.3 | 432.5 | 94.8  | 8.0   | 1.1 | 0.0    |
| 28°   | 963.5 | 950.1 | 897.9 | 822.0 | 724.7 | 588.0 | 420.5 | 89.0  | 7.6   | 0.9 | 0.0    |
| 29°   | 970.3 | 957.5 | 903.7 | 824.5 | 720.1 | 575.8 | 403.0 | 82.1  | 6.7   | 0.5 | 0.0    |
| 30°   | 974.6 | 959.5 | 903.1 | 821.8 | 714.1 | 562.7 | 382.1 | 76.2  | 5.8   | 0.5 | 0.0    |
| 31°   | 971.0 | 955.2 | 897.3 | 814.2 | 704.5 | 545.6 | 360.6 | 69.0  | 4.7   | 0.4 | 0.0    |
| 32°   | 963.2 | 944.4 | 887.1 | 800.9 | 687.2 | 523.6 | 338.4 | 63.0  | 3.5   | 0.4 | 0.0    |
| 33°   | 944.1 | 928.2 | 868.8 | 783.1 | 664.6 | 493.8 | 309.5 | 57.1  | 2.4   | 0.2 | 0.0    |
| 34°   | 920.1 | 904.2 | 843.6 | 759.2 | 634.4 | 455.2 | 274.4 | 51.1  | 2.0   | 0.2 | 0.0    |
| 35°   | 888.4 | 872.8 | 815.3 | 725.9 | 594.4 | 408.8 | 238.2 | 45.8  | 1.6   | 0.2 | 0.0    |
| 36°   | 855.1 | 834.4 | 779.4 | 690.5 | 540.7 | 356.1 | 199.4 | 39.8  | 1.3   | 0.2 | 0.0    |
| 37°   | 806.2 | 792.2 | 731.2 | 636.4 | 482.7 | 305.5 | 171.2 | 34.4  | 0.9   | 0.2 | 0.0    |
| 38°   | 755.4 | 742.5 | 683.0 | 582.0 | 417.9 | 255.4 | 143.4 | 29.1  | 0.7   | 0.0 | 0.0    |
| 39°   | 703.0 | 681.5 | 622.8 | 512.3 | 350.0 | 214.0 | 120.6 | 24.4  | 0.4   | 0.0 | 0.0    |
| 40°   | 620.8 | 604.4 | 541.6 | 428.6 | 289.6 | 173.4 | 102.8 | 18.6  | 0.4   | 0.0 | 0.0    |
| 42.5° | 411.5 | 396.3 | 330.4 | 232.5 | 153.9 | 101.3 | 67.9  | 7.3   | 0.0   | 0.2 | 0.0    |
| 45°   | 212.1 | 202.5 | 164.5 | 121.7 | 87.3  | 62.2  | 43.7  | 4.5   | 0.0   | 0.2 | 0.2    |
| 47.5° | 84.2  | 82.6  | 74.6  | 64.4  | 49.7  | 36.9  | 23.8  | 2.0   | 0.0   | 0.2 | 0.2    |
| 50°   | 22.7  | 22.9  | 21.5  | 19.8  | 18.0  | 16.9  | 10.0  | 0.5   | 0.0   | 0.4 | 0.2    |
| 52.5° | 9.6   | 9.8   | 9.5   | 8.9   | 8.0   | 6.0   | 4.0   | 0.2   | 0.2   | 0.4 | 0.4    |
| 55°   | 2.0   | 2.2   | 2.4   | 2.5   | 2.9   | 2.5   | 1.6   | 0.0   | 0.2   | 0.4 | 0.4    |
| 57.5° | 0.4   | 0.4   | 0.4   | 0.4   | 0.5   | 0.5   | 0.4   | 0.0   | 0.2   | 0.4 | 0.5    |
| 60°   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.0   | 0.0   | 0.0   | 0.4   | 0.5 | 0.5    |
| 62.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.4   | 0.5 | 0.7    |
| 65°   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.4   | 0.7 | 0.7    |
| 67.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.5   | 0.7 | 0.7    |
| 70°   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.5   | 0.7 | 0.7    |
| 72.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.5   | 0.7 | 0.5    |
| 75°   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.5   | 0.5 | 0.5    |
| 77.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.4   | 0.5 | 0.5    |
| 80°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.2   | 0.2   | 0.4   | 0.5 | 0.4    |



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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 | 0.2 | 0.2 | 0.4   | 0.5 | 0.4    |
| 85°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4   | 0.5 | 0.4    |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4   | 0.5 | 0.4    |
| 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°    | 8.4  | 8.4    | 8.4  |
| 2.5°  | 5.8  | 5.3    | 5.1  |
| 5°    | 4.0  | 3.5    | 3.1  |
| 7.5°  | 2.7  | 2.2    | 2.0  |
| 10°   | 1.8  | 1.5    | 1.3  |
| 12.5° | 1.3  | 0.7    | 0.7  |
| 15°   | 0.7  | 0.5    | 0.5  |
| 17.5° | 0.4  | 0.2    | 0.2  |
| 20°   | 0.2  | 0.2    | 0.2  |
| 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    | 0.2  |
| 39°   | 0.0  | 0.2    | 0.2  |
| 40°   | 0.0  | 0.2    | 0.2  |
| 42.5° | 0.0  | 0.2    | 0.4  |
| 45°   | 0.2  | 0.4    | 0.5  |
| 47.5° | 0.4  | 0.5    | 0.7  |
| 50°   | 0.4  | 0.7    | 0.7  |
| 52.5° | 0.5  | 0.7    | 0.9  |
| 55°   | 0.5  | 0.9    | 0.9  |
| 57.5° | 0.7  | 0.9    | 1.1  |
| 60°   | 0.7  | 0.9    | 0.9  |
| 62.5° | 0.7  | 1.1    | 1.1  |
| 65°   | 0.9  | 1.1    | 1.1  |
| 67.5° | 0.9  | 1.1    | 1.1  |
| 70°   | 0.7  | 0.9    | 1.1  |
| 72.5° | 0.7  | 0.9    | 0.9  |
| 75°   | 0.5  | 0.7    | 0.7  |
| 77.5° | 0.5  | 0.5    | 0.7  |
| 80°   | 0.4  | 0.5    | 0.5  |



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**CANDELA DISTRIBUTION (continued):**

|       | 135° | 157.5° | 180° |
|-------|------|--------|------|
| 82.5° | 0.4  | 0.4    | 0.4  |
| 85°   | 0.2  | 0.2    | 0.2  |
| 87.5° | 0.2  | 0.2    | 0.2  |
| 90°   | 0.0  | 0.0    | 0.0  |

(END OF REPORT)