

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: P1334676

Luminaire Tested: P3A02R259035DE010 E3A301LI

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1334676  
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: P3A02R259035DE010 E3A301LI  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3A301LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

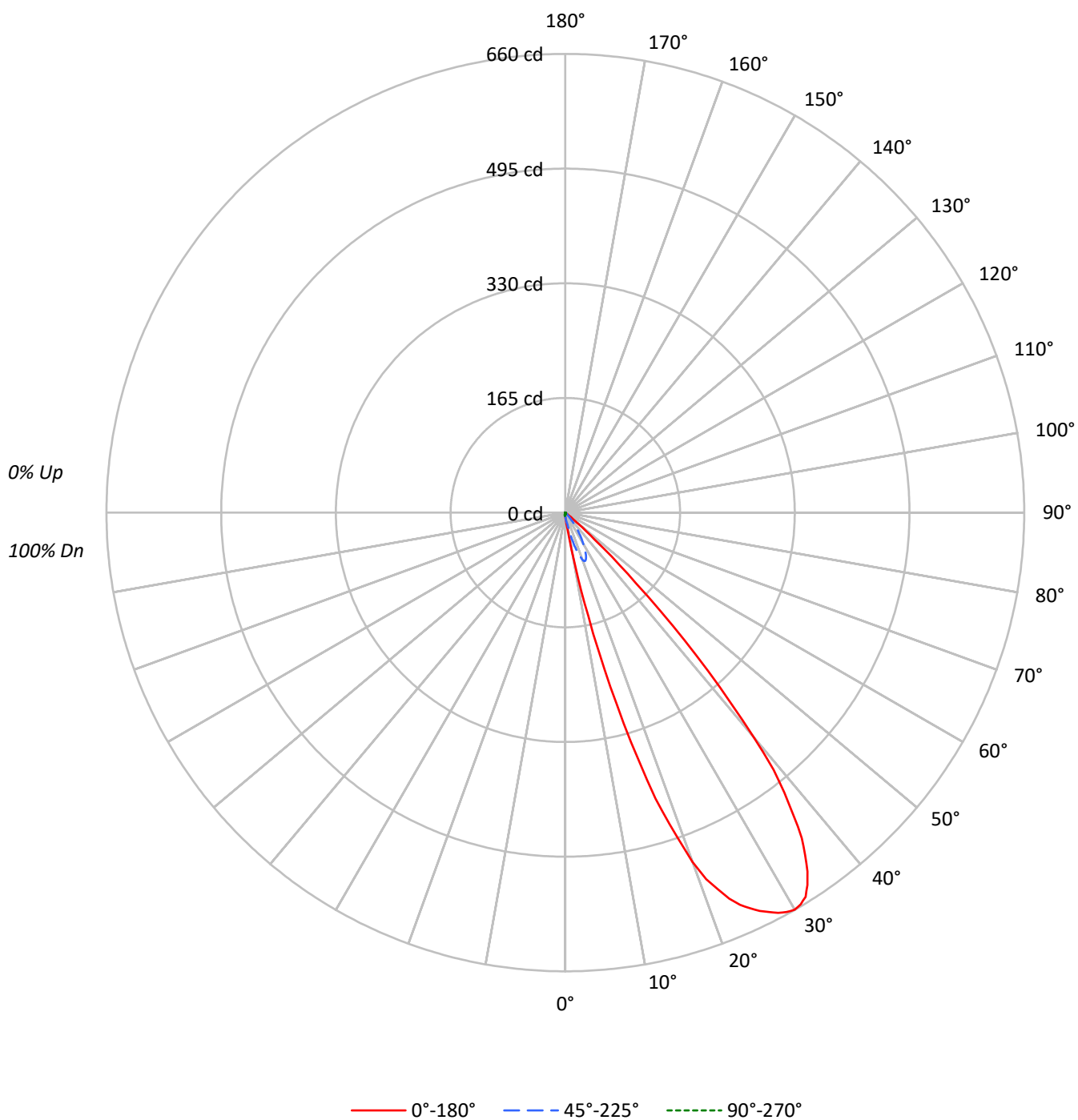
Lumens per Lamp: N/A  
Luminaire Lumens: 132.0 lumens  
Efficiency: N/A  
Efficacy: 36.7 lumens/watt  
Spacing Criteria (0/90/45): 2.36 / 0.51 / 1.27  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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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CATALOG NUMBER: P3A02R259035DE010 E3A301LI

### 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  | 88  | 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°  | 1250   | 1250  | 1250 | 1250 | 1250 |
| 5°  | 3126   | 2311  | 1167 | 594  | 462  |
| 10° | 13627  | 3919  | 957  | 267  | 200  |
| 15° | 64813  | 10579 | 681  | 114  | 91   |
| 20° | 124751 | 16918 | 420  | 23   | 23   |
| 25° | 151944 | 17082 | 242  | 0    | 0    |
| 30° | 167064 | 13065 | 101  | 0    | 0    |
| 35° | 160990 | 8298  | 27   | 0    | 0    |
| 40° | 120282 | 3607  | 0    | 0    | 29   |
| 45° | 44532  | 961   | 31   | 31   | 124  |
| 50° | 5254   | 136   | 68   | 68   | 171  |
| 55° | 535    | 0     | 76   | 153  | 229  |
| 60° | 44     | 0     | 175  | 219  | 263  |
| 65° | 52     | 52    | 259  | 311  | 363  |
| 70° | 64     | 64    | 321  | 321  | 449  |
| 75° | 85     | 85    | 339  | 339  | 424  |
| 80° | 0      | 126   | 505  | 253  | 505  |
| 85° | 0      | 252   | 1006 | 252  | 252  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44532 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.8    | 0.6       |
| 10°-20°   | 15.4   | 11.7      |
| 20°-30°   | 48.3   | 36.6      |
| 30°-40°   | 50.8   | 38.5      |
| 40°-50°   | 14.9   | 11.3      |
| 50°-60°   | 0.8    | 0.6       |
| 60°-70°   | 0.4    | 0.3       |
| 70°-80°   | 0.3    | 0.3       |
| 80°-90°   | 0.2    | 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°    | 64.5   | 48.9      |
| 0°-40°    | 115.4  | 87.4      |
| 0°-60°    | 131.1  | 99.3      |
| 0°-90°    | 132.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 132.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0°  | 6   | 6   | 6   | 6    | 6    |      |
| 5°  | 14  | 10  | 5   | 3    | 2    | 3    |
| 15° | 286 | 47  | 3   | 0    | 0    | 90   |
| 25° | 628 | 71  | 1   | 0    | 0    | 288  |
| 35° | 601 | 31  | 0   | 0    | 0    | 363  |
| 45° | 144 | 3   | 0   | 0    | 0    | 130  |
| 55° | 1   | 0   | 0   | 0    | 1    | 3    |
| 65° | 0   | 0   | 0   | 1    | 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°    | 5.7   | 5.7   | 5.7   | 5.7   | 5.7   | 5.7   | 5.7   | 5.7  | 5.7   | 5.7 | 5.7    |
| 2.5°  | 8.7   | 8.9   | 8.5   | 8.7   | 8.5   | 8.4   | 8.3   | 7.6  | 6.7   | 5.7 | 4.7    |
| 5°    | 14.2  | 14.2  | 13.5  | 13.4  | 13.2  | 12.7  | 12.2  | 10.5 | 7.5   | 5.3 | 3.7    |
| 7.5°  | 22.2  | 22.0  | 21.8  | 21.2  | 20.0  | 18.7  | 17.5  | 13.7 | 8.3   | 4.9 | 2.8    |
| 10°   | 61.2  | 60.3  | 59.2  | 52.6  | 45.1  | 38.4  | 32.6  | 17.6 | 8.9   | 4.3 | 2.1    |
| 12.5° | 152.1 | 147.2 | 135.5 | 122.2 | 105.2 | 87.3  | 69.8  | 28.7 | 9.1   | 3.6 | 1.5    |
| 15°   | 285.5 | 275.3 | 257.0 | 230.4 | 195.7 | 156.7 | 123.4 | 46.6 | 8.9   | 3.0 | 1.1    |
| 17.5° | 431.1 | 421.2 | 396.0 | 355.6 | 304.4 | 244.5 | 185.6 | 61.7 | 8.3   | 2.5 | 0.7    |
| 20°   | 534.6 | 524.2 | 500.5 | 457.7 | 402.4 | 322.4 | 244.3 | 72.5 | 7.8   | 1.8 | 0.4    |
| 21°   | 564.9 | 554.5 | 529.5 | 488.1 | 429.9 | 349.8 | 263.2 | 74.4 | 7.4   | 1.6 | 0.2    |
| 22°   | 584.1 | 578.0 | 551.1 | 511.0 | 451.7 | 371.7 | 279.3 | 75.2 | 7.1   | 1.5 | 0.2    |
| 23°   | 603.5 | 594.2 | 569.1 | 526.7 | 468.4 | 387.9 | 291.3 | 74.6 | 6.9   | 1.2 | 0.1    |
| 24°   | 617.8 | 610.0 | 580.8 | 538.9 | 479.9 | 397.9 | 298.3 | 73.0 | 6.5   | 1.1 | 0.1    |
| 25°   | 628.0 | 620.8 | 590.4 | 547.2 | 487.7 | 403.3 | 300.5 | 70.6 | 6.2   | 1.0 | 0.1    |
| 26°   | 637.7 | 630.0 | 598.4 | 552.0 | 491.8 | 405.1 | 298.4 | 67.9 | 5.8   | 0.9 | 0.0    |
| 27°   | 644.7 | 636.8 | 604.0 | 554.8 | 492.0 | 403.0 | 292.7 | 64.2 | 5.4   | 0.7 | 0.0    |
| 28°   | 652.2 | 643.1 | 607.8 | 556.4 | 490.5 | 398.0 | 284.6 | 60.2 | 5.2   | 0.6 | 0.0    |
| 29°   | 656.8 | 648.2 | 611.7 | 558.2 | 487.5 | 389.8 | 272.8 | 55.5 | 4.6   | 0.4 | 0.0    |
| 30°   | 659.8 | 649.5 | 611.4 | 556.3 | 483.4 | 380.9 | 258.6 | 51.6 | 3.9   | 0.4 | 0.0    |
| 31°   | 657.3 | 646.6 | 607.4 | 551.1 | 476.9 | 369.3 | 244.1 | 46.7 | 3.2   | 0.2 | 0.0    |
| 32°   | 652.0 | 639.3 | 600.5 | 542.1 | 465.2 | 354.4 | 229.1 | 42.6 | 2.3   | 0.2 | 0.0    |
| 33°   | 639.1 | 628.4 | 588.1 | 530.1 | 449.9 | 334.2 | 209.5 | 38.7 | 1.6   | 0.1 | 0.0    |
| 34°   | 622.8 | 612.1 | 571.1 | 513.9 | 429.5 | 308.1 | 185.7 | 34.6 | 1.4   | 0.1 | 0.0    |
| 35°   | 601.4 | 590.8 | 551.9 | 491.4 | 402.4 | 276.7 | 161.2 | 31.0 | 1.1   | 0.1 | 0.0    |
| 36°   | 578.8 | 564.8 | 527.6 | 467.4 | 366.0 | 241.0 | 135.0 | 27.0 | 0.9   | 0.1 | 0.0    |
| 37°   | 545.7 | 536.2 | 495.0 | 430.8 | 326.7 | 206.8 | 115.9 | 23.3 | 0.6   | 0.1 | 0.0    |
| 38°   | 511.4 | 502.6 | 462.3 | 394.0 | 282.9 | 172.9 | 97.0  | 19.7 | 0.5   | 0.0 | 0.0    |
| 39°   | 475.9 | 461.3 | 421.6 | 346.8 | 237.0 | 144.8 | 81.7  | 16.5 | 0.2   | 0.0 | 0.0    |
| 40°   | 420.2 | 409.1 | 366.6 | 290.2 | 196.1 | 117.4 | 69.6  | 12.6 | 0.2   | 0.0 | 0.0    |
| 42.5° | 278.6 | 268.2 | 223.7 | 157.4 | 104.2 | 68.6  | 45.9  | 4.9  | 0.0   | 0.1 | 0.0    |
| 45°   | 143.6 | 137.1 | 111.3 | 82.4  | 59.1  | 42.1  | 29.6  | 3.1  | 0.0   | 0.1 | 0.1    |
| 47.5° | 57.0  | 55.9  | 50.5  | 43.6  | 33.6  | 25.0  | 16.1  | 1.4  | 0.0   | 0.1 | 0.1    |
| 50°   | 15.4  | 15.5  | 14.5  | 13.4  | 12.2  | 11.5  | 6.8   | 0.4  | 0.0   | 0.2 | 0.1    |
| 52.5° | 6.5   | 6.7   | 6.4   | 6.0   | 5.4   | 4.1   | 2.7   | 0.1  | 0.1   | 0.2 | 0.2    |
| 55°   | 1.4   | 1.5   | 1.6   | 1.7   | 2.0   | 1.7   | 1.1   | 0.0  | 0.1   | 0.2 | 0.2    |
| 57.5° | 0.2   | 0.2   | 0.2   | 0.2   | 0.4   | 0.4   | 0.2   | 0.0  | 0.1   | 0.2 | 0.4    |
| 60°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0  | 0.2   | 0.4 | 0.4    |
| 62.5° | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.2   | 0.4 | 0.5    |
| 65°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.2   | 0.5 | 0.5    |
| 67.5° | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.4   | 0.5 | 0.5    |
| 70°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.4   | 0.5 | 0.5    |
| 72.5° | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.4   | 0.5 | 0.4    |
| 75°   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1  | 0.4   | 0.4 | 0.4    |
| 77.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1  | 0.2   | 0.4 | 0.4    |
| 80°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1  | 0.2   | 0.4 | 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   | 0.4 | 0.2    |
| 85°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2   | 0.4 | 0.2    |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2   | 0.4 | 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°    | 5.7  | 5.7    | 5.7  |
| 2.5°  | 3.9  | 3.6    | 3.4  |
| 5°    | 2.7  | 2.3    | 2.1  |
| 7.5°  | 1.8  | 1.5    | 1.4  |
| 10°   | 1.2  | 1.0    | 0.9  |
| 12.5° | 0.9  | 0.5    | 0.5  |
| 15°   | 0.5  | 0.4    | 0.4  |
| 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    | 0.4  |
| 47.5° | 0.2  | 0.4    | 0.5  |
| 50°   | 0.2  | 0.5    | 0.5  |
| 52.5° | 0.4  | 0.5    | 0.6  |
| 55°   | 0.4  | 0.6    | 0.6  |
| 57.5° | 0.5  | 0.6    | 0.7  |
| 60°   | 0.5  | 0.6    | 0.6  |
| 62.5° | 0.5  | 0.7    | 0.7  |
| 65°   | 0.6  | 0.7    | 0.7  |
| 67.5° | 0.6  | 0.7    | 0.7  |
| 70°   | 0.5  | 0.6    | 0.7  |
| 72.5° | 0.5  | 0.6    | 0.6  |
| 75°   | 0.4  | 0.5    | 0.5  |
| 77.5° | 0.4  | 0.4    | 0.5  |
| 80°   | 0.2  | 0.4    | 0.4  |

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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)