

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: P1337315

Luminaire Tested: P3A05R259030D2WDE010 E3A301WH

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1337315  
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: P3A05R259030D2WDE010 E3A301WH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
E3A301WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

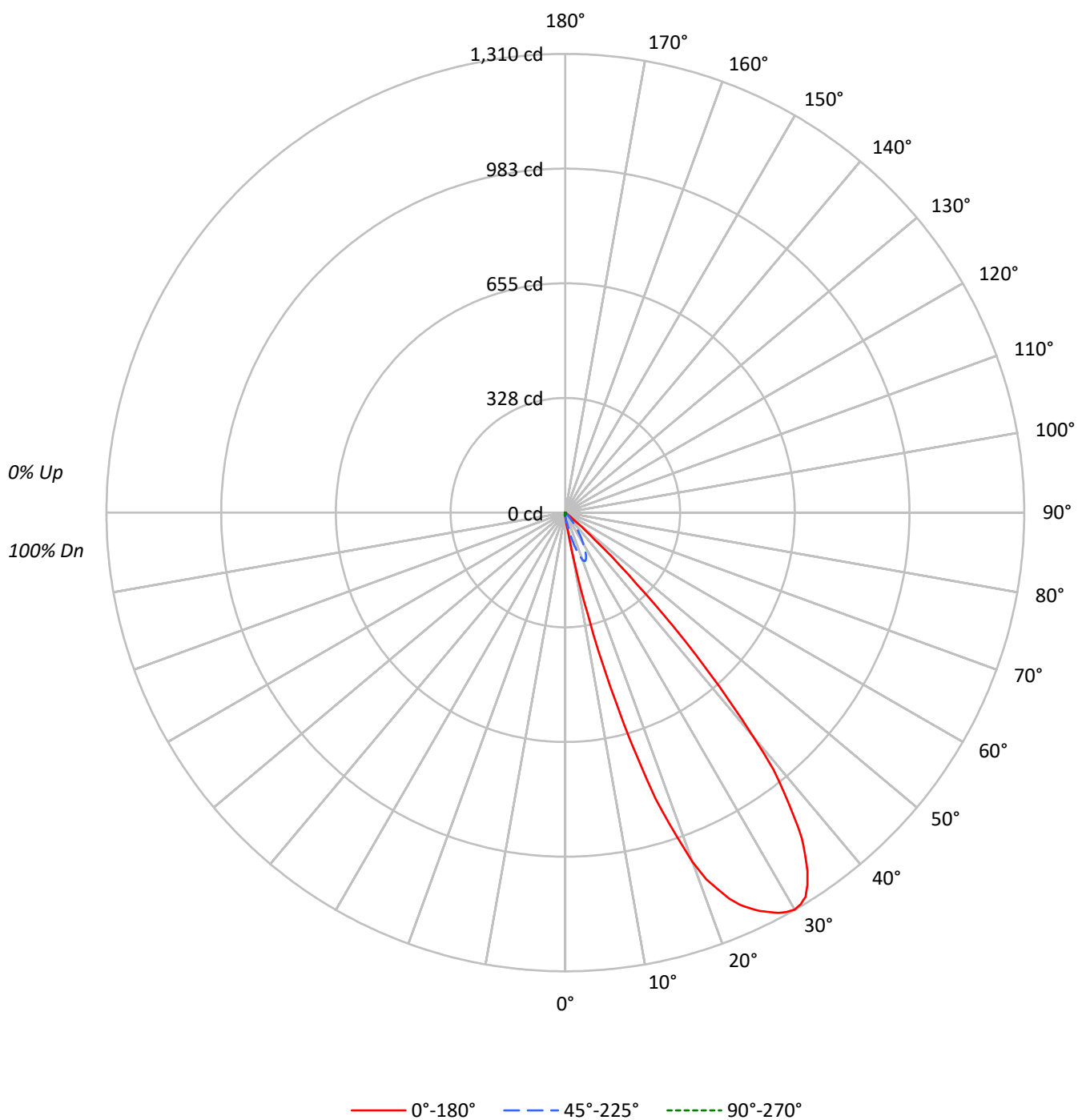
Lumens per Lamp: N/A  
Luminaire Lumens: 261.9 lumens  
Efficiency: N/A  
Efficacy: 23.6 lumens/watt  
Spacing Criteria (0/90/45): 2.36 / 0.52 / 1.27  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11.1  
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  | 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°  | 2456   | 2456  | 2456 | 2456 | 2456 |
| 5°  | 6185   | 4578  | 2311 | 1189 | 924  |
| 10° | 27054  | 7793  | 1915 | 534  | 379  |
| 15° | 128627 | 20976 | 1339 | 227  | 159  |
| 20° | 247635 | 33603 | 863  | 47   | 47   |
| 25° | 301566 | 33897 | 484  | 0    | 0    |
| 30° | 331570 | 25928 | 177  | 0    | 0    |
| 35° | 319518 | 16490 | 54   | 0    | 0    |
| 40° | 238762 | 7128  | 0    | 0    | 57   |
| 45° | 88381  | 1892  | 62   | 62   | 217  |
| 50° | 10439  | 239   | 171  | 171  | 341  |
| 55° | 1032   | 0     | 191  | 268  | 459  |
| 60° | 88     | 0     | 307  | 439  | 526  |
| 65° | 104    | 104   | 519  | 623  | 778  |
| 70° | 128    | 128   | 641  | 641  | 962  |
| 75° | 169    | 169   | 593  | 593  | 847  |
| 80° | 0      | 253   | 884  | 631  | 884  |
| 85° | 0      | 503   | 1761 | 503  | 503  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 88381 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.6    | 0.6       |
| 10°-20°   | 30.5   | 11.7      |
| 20°-30°   | 95.9   | 36.6      |
| 30°-40°   | 100.9  | 38.5      |
| 40°-50°   | 29.6   | 11.3      |
| 50°-60°   | 1.6    | 0.6       |
| 60°-70°   | 0.8    | 0.3       |
| 70°-80°   | 0.6    | 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°    | 128.1  | 48.9      |
| 0°-40°    | 229.0  | 87.4      |
| 0°-60°    | 260.2  | 99.3      |
| 0°-90°    | 261.9  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 261.9  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 11   | 11  | 11  | 11   | 11   |      |
| 5°  | 28   | 21  | 10  | 5    | 4    | 5    |
| 15° | 567  | 92  | 6   | 1    | 1    | 179  |
| 25° | 1246 | 140 | 2   | 0    | 0    | 572  |
| 35° | 1194 | 62  | 0   | 0    | 0    | 720  |
| 45° | 285  | 6   | 0   | 0    | 1    | 259  |
| 55° | 3    | 0   | 0   | 1    | 1    | 7    |
| 65° | 0    | 0   | 1   | 1    | 2    | 0    |
| 75° | 0    | 0   | 1   | 1    | 1    | 0    |
| 85° | 0    | 0   | 1   | 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°    | 11.2   | 11.2   | 11.2   | 11.2   | 11.2  | 11.2  | 11.2  | 11.2  | 11.2  | 11.2 | 11.2   |
| 2.5°  | 17.4   | 17.6   | 16.9   | 17.4   | 16.9  | 16.6  | 16.4  | 15.2  | 13.2  | 11.2 | 9.3    |
| 5°    | 28.1   | 28.1   | 26.9   | 26.6   | 26.2  | 25.2  | 24.2  | 20.8  | 14.9  | 10.5 | 7.3    |
| 7.5°  | 44.0   | 43.8   | 43.3   | 42.0   | 39.6  | 37.2  | 34.7  | 27.1  | 16.4  | 9.8  | 5.6    |
| 10°   | 121.5  | 119.8  | 117.6  | 104.4  | 89.5  | 76.3  | 64.8  | 35.0  | 17.6  | 8.6  | 4.2    |
| 12.5° | 301.9  | 292.1  | 268.9  | 242.5  | 208.8 | 173.3 | 138.6 | 57.0  | 18.1  | 7.1  | 2.9    |
| 15°   | 566.6  | 546.3  | 510.2  | 457.4  | 388.4 | 310.9 | 244.9 | 92.4  | 17.6  | 5.9  | 2.2    |
| 17.5° | 855.6  | 836.0  | 785.9  | 705.7  | 604.3 | 485.2 | 368.4 | 122.5 | 16.4  | 4.9  | 1.5    |
| 20°   | 1061.2 | 1040.4 | 993.4  | 908.4  | 798.6 | 640.0 | 485.0 | 144.0 | 15.4  | 3.7  | 0.7    |
| 21°   | 1121.3 | 1100.5 | 1050.9 | 968.8  | 853.4 | 694.2 | 522.4 | 147.6 | 14.7  | 3.2  | 0.5    |
| 22°   | 1159.4 | 1147.2 | 1093.9 | 1014.2 | 896.6 | 737.7 | 554.4 | 149.4 | 14.2  | 2.9  | 0.5    |
| 23°   | 1197.8 | 1179.5 | 1129.6 | 1045.5 | 929.6 | 770.0 | 578.1 | 148.1 | 13.7  | 2.4  | 0.2    |
| 24°   | 1226.2 | 1210.8 | 1152.8 | 1069.7 | 952.6 | 789.8 | 592.1 | 145.0 | 13.0  | 2.2  | 0.2    |
| 25°   | 1246.4 | 1232.3 | 1171.9 | 1086.1 | 968.0 | 800.6 | 596.5 | 140.1 | 12.2  | 2.0  | 0.2    |
| 26°   | 1265.8 | 1250.4 | 1187.8 | 1095.6 | 976.1 | 804.0 | 592.3 | 134.7 | 11.5  | 1.7  | 0.0    |
| 27°   | 1279.7 | 1264.0 | 1198.8 | 1101.2 | 976.6 | 799.8 | 581.1 | 127.4 | 10.8  | 1.5  | 0.0    |
| 28°   | 1294.6 | 1276.5 | 1206.4 | 1104.4 | 973.6 | 790.1 | 564.9 | 119.5 | 10.3  | 1.2  | 0.0    |
| 29°   | 1303.6 | 1286.5 | 1214.2 | 1107.8 | 967.5 | 773.7 | 541.5 | 110.2 | 9.0   | 0.7  | 0.0    |
| 30°   | 1309.5 | 1289.2 | 1213.4 | 1104.2 | 959.5 | 756.1 | 513.3 | 102.4 | 7.8   | 0.7  | 0.0    |
| 31°   | 1304.6 | 1283.4 | 1205.6 | 1093.9 | 946.5 | 733.1 | 484.5 | 92.6  | 6.4   | 0.5  | 0.0    |
| 32°   | 1294.1 | 1268.9 | 1191.9 | 1076.1 | 923.3 | 703.5 | 454.7 | 84.6  | 4.6   | 0.5  | 0.0    |
| 33°   | 1268.4 | 1247.2 | 1167.2 | 1052.1 | 893.0 | 663.4 | 415.8 | 76.8  | 3.2   | 0.2  | 0.0    |
| 34°   | 1236.2 | 1214.9 | 1133.5 | 1020.1 | 852.4 | 611.6 | 368.6 | 68.7  | 2.7   | 0.2  | 0.0    |
| 35°   | 1193.6 | 1172.6 | 1095.4 | 975.4  | 798.6 | 549.3 | 320.0 | 61.6  | 2.2   | 0.2  | 0.0    |
| 36°   | 1148.9 | 1121.0 | 1047.2 | 927.7  | 726.5 | 478.4 | 267.9 | 53.5  | 1.7   | 0.2  | 0.0    |
| 37°   | 1083.2 | 1064.3 | 982.4  | 855.1  | 648.5 | 410.4 | 230.0 | 46.2  | 1.2   | 0.2  | 0.0    |
| 38°   | 1015.0 | 997.6  | 917.7  | 782.0  | 561.5 | 343.2 | 192.6 | 39.1  | 1.0   | 0.0  | 0.0    |
| 39°   | 944.6  | 915.7  | 836.8  | 688.4  | 470.3 | 287.5 | 162.1 | 32.8  | 0.5   | 0.0  | 0.0    |
| 40°   | 834.1  | 812.1  | 727.7  | 575.9  | 389.2 | 233.0 | 138.1 | 24.9  | 0.5   | 0.0  | 0.0    |
| 42.5° | 552.9  | 532.4  | 443.9  | 312.4  | 206.8 | 136.2 | 91.2  | 9.8   | 0.0   | 0.2  | 0.0    |
| 45°   | 285.0  | 272.1  | 221.0  | 163.5  | 117.3 | 83.6  | 58.7  | 6.1   | 0.0   | 0.2  | 0.2    |
| 47.5° | 113.2  | 111.0  | 100.2  | 86.5   | 66.7  | 49.6  | 32.0  | 2.7   | 0.0   | 0.2  | 0.2    |
| 50°   | 30.6   | 30.8   | 28.8   | 26.6   | 24.2  | 22.7  | 13.4  | 0.7   | 0.0   | 0.5  | 0.2    |
| 52.5° | 13.0   | 13.2   | 12.7   | 12.0   | 10.8  | 8.1   | 5.4   | 0.2   | 0.2   | 0.5  | 0.5    |
| 55°   | 2.7    | 2.9    | 3.2    | 3.4    | 3.9   | 3.4   | 2.2   | 0.0   | 0.2   | 0.5  | 0.5    |
| 57.5° | 0.5    | 0.5    | 0.5    | 0.5    | 0.7   | 0.7   | 0.5   | 0.0   | 0.2   | 0.5  | 0.7    |
| 60°   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.0   | 0.0   | 0.0   | 0.5   | 0.7  | 0.7    |
| 62.5° | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.5   | 0.7  | 1.0    |
| 65°   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.5   | 1.0  | 1.0    |
| 67.5° | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.7   | 1.0  | 1.0    |
| 70°   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.7   | 1.0  | 1.0    |
| 72.5° | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.7   | 1.0  | 0.7    |
| 75°   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.2   | 0.2   | 0.2   | 0.7   | 0.7  | 0.7    |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.2   | 0.2   | 0.2   | 0.5   | 0.7  | 0.7    |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.2   | 0.2   | 0.2   | 0.5   | 0.7  | 0.5    |



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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 | 0.5   | 0.7 | 0.5    |
| 85°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5   | 0.7 | 0.5    |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5   | 0.7 | 0.5    |
| 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°    | 11.2 | 11.2   | 11.2 |
| 2.5°  | 7.8  | 7.1    | 6.8  |
| 5°    | 5.4  | 4.6    | 4.2  |
| 7.5°  | 3.7  | 2.9    | 2.7  |
| 10°   | 2.4  | 2.0    | 1.7  |
| 12.5° | 1.7  | 1.0    | 1.0  |
| 15°   | 1.0  | 0.7    | 0.7  |
| 17.5° | 0.5  | 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    | 0.5  |
| 45°   | 0.2  | 0.5    | 0.7  |
| 47.5° | 0.5  | 0.7    | 1.0  |
| 50°   | 0.5  | 1.0    | 1.0  |
| 52.5° | 0.7  | 1.0    | 1.2  |
| 55°   | 0.7  | 1.2    | 1.2  |
| 57.5° | 1.0  | 1.2    | 1.5  |
| 60°   | 1.0  | 1.2    | 1.2  |
| 62.5° | 1.0  | 1.5    | 1.5  |
| 65°   | 1.2  | 1.5    | 1.5  |
| 67.5° | 1.2  | 1.5    | 1.5  |
| 70°   | 1.0  | 1.2    | 1.5  |
| 72.5° | 1.0  | 1.2    | 1.2  |
| 75°   | 0.7  | 1.0    | 1.0  |
| 77.5° | 0.7  | 0.7    | 1.0  |
| 80°   | 0.5  | 0.7    | 0.7  |

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**CANDELA DISTRIBUTION (continued):**

|       | 135° | 157.5° | 180° |
|-------|------|--------|------|
| 82.5° | 0.5  | 0.5    | 0.5  |
| 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)