

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: P1336324

Luminaire Tested: P3A05R159030D2WDE010 E3CA451MB

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1336324  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-73)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R159030D2WDE010 E3CA451MB  
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3CA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

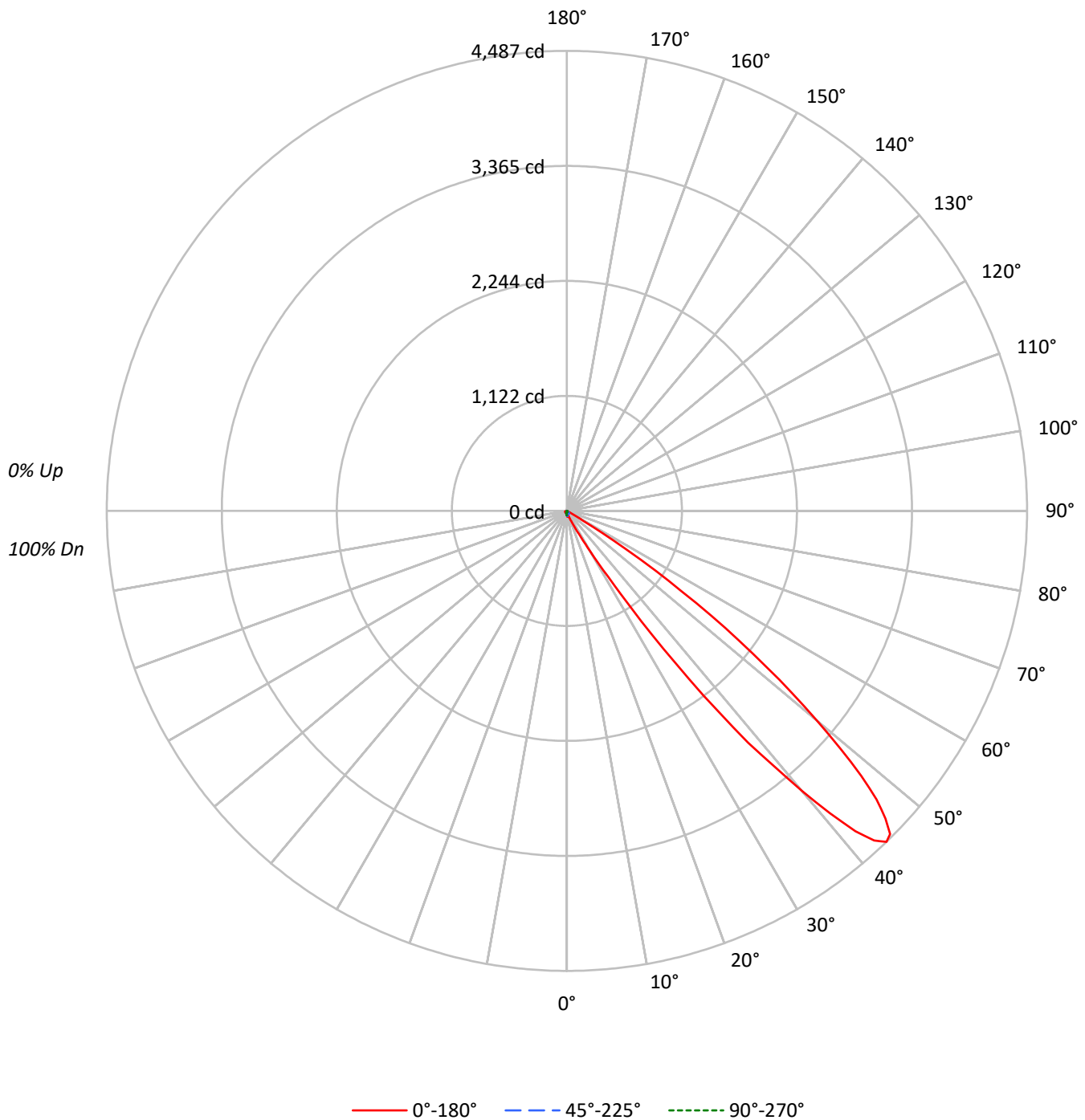
Lumens per Lamp: N/A  
Luminaire Lumens: 501.0 lumens  
Efficiency: N/A  
Efficacy: 45.1 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1336324

CATALOG NUMBER: P3A05R159030D2WDE010 E3CA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1336324

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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   | 110 | 106 | 102 | 99  | 107 | 104 | 100 | 97  | 100 | 97  | 94  |  | 96  | 93  | 91  |  | 92  | 90  | 89  | 87  |
| 2   | 101 | 93  | 87  | 81  | 98  | 91  | 85  | 80  | 87  | 83  | 78  |  | 84  | 80  | 77  |  | 81  | 78  | 75  | 73  |
| 3   | 91  | 81  | 73  | 67  | 89  | 79  | 72  | 66  | 76  | 70  | 65  |  | 74  | 68  | 64  |  | 71  | 67  | 63  | 61  |
| 4   | 83  | 71  | 62  | 55  | 80  | 69  | 61  | 55  | 67  | 60  | 54  |  | 64  | 58  | 53  |  | 62  | 57  | 53  | 50  |
| 5   | 75  | 62  | 52  | 46  | 73  | 61  | 52  | 45  | 58  | 51  | 45  |  | 56  | 50  | 44  |  | 55  | 49  | 44  | 42  |
| 6   | 68  | 54  | 45  | 38  | 66  | 53  | 44  | 38  | 51  | 43  | 37  |  | 49  | 42  | 37  |  | 48  | 42  | 37  | 35  |
| 7   | 62  | 47  | 38  | 32  | 60  | 47  | 38  | 32  | 45  | 37  | 31  |  | 44  | 36  | 31  |  | 42  | 36  | 31  | 29  |
| 8   | 56  | 42  | 33  | 27  | 55  | 41  | 33  | 27  | 40  | 32  | 26  |  | 39  | 31  | 26  |  | 37  | 31  | 26  | 24  |
| 9   | 52  | 37  | 28  | 22  | 50  | 37  | 28  | 22  | 35  | 28  | 22  |  | 34  | 27  | 22  |  | 33  | 27  | 22  | 20  |
| 10  | 48  | 33  | 25  | 19  | 46  | 33  | 25  | 19  | 32  | 24  | 19  |  | 31  | 24  | 19  |  | 30  | 23  | 19  | 17  |

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

|     | 0°      | 45°   | 90°  | 135° | 180°  |
|-----|---------|-------|------|------|-------|
| 0°  | 9758    | 9758  | 9758 | 9758 | 9758  |
| 5°  | 12084   | 10786 | 8805 | 7704 | 7594  |
| 10° | 11912   | 9241  | 6791 | 6012 | 6123  |
| 15° | 9875    | 6583  | 4881 | 4994 | 5335  |
| 20° | 17128   | 5250  | 3734 | 4317 | 4900  |
| 25° | 38204   | 6291  | 3024 | 3992 | 4597  |
| 30° | 114220  | 7723  | 2659 | 3925 | 4811  |
| 35° | 439685  | 8700  | 2409 | 4015 | 5086  |
| 40° | 1020541 | 7586  | 2290 | 4151 | 5439  |
| 45° | 1382283 | 5737  | 2016 | 4497 | 5892  |
| 50° | 1083836 | 3411  | 2047 | 4776 | 6482  |
| 55° | 520240  | 1529  | 1912 | 5161 | 7073  |
| 60° | 47540   | 219   | 1754 | 5482 | 7894  |
| 65° | 5189    | 0     | 1557 | 5707 | 8561  |
| 70° | 1282    | 0     | 1923 | 6091 | 9296  |
| 75° | 1271    | 424   | 2542 | 6778 | 10590 |
| 80° | 1263    | 1263  | 3157 | 6945 | 11365 |
| 85° | 1258    | 1258  | 5032 | 6290 | 12580 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1382283 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.8    | 0.8       |
| 10°-20°   | 7.9    | 1.6       |
| 20°-30°   | 18.9   | 3.8       |
| 30°-40°   | 103.6  | 20.7      |
| 40°-50°   | 250.9  | 50.1      |
| 50°-60°   | 100.1  | 20.0      |
| 60°-70°   | 8.7    | 1.7       |
| 70°-80°   | 4.9    | 1.0       |
| 80°-90°   | 2.2    | 0.4       |
| 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°    | 30.6   | 6.1       |
| 0°-40°    | 134.3  | 26.8      |
| 0°-60°    | 485.3  | 96.9      |
| 0°-90°    | 501.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 501.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 44   | 44  | 44  | 44   | 44   |      |
| 5°  | 55   | 49  | 40  | 35   | 34   | 5    |
| 15° | 44   | 29  | 22  | 22   | 24   | 15   |
| 25° | 158  | 26  | 12  | 16   | 19   | 95   |
| 35° | 1642 | 32  | 9   | 15   | 19   | 1161 |
| 45° | 4457 | 18  | 6   | 14   | 19   | 3144 |
| 55° | 1361 | 4   | 5   | 14   | 18   | 1268 |
| 65° | 10   | 0   | 3   | 11   | 16   | 26   |
| 75° | 2    | 0   | 3   | 8    | 12   | 1    |
| 85° | 0    | 0   | 2   | 2    | 5    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| 0°    | 44.5   | 44.5   | 44.5   | 44.5   | 44.5   | 44.5   | 44.5   | 44.5   | 44.5  | 44.5  | 44.5 |
| 2.5°  | 50.0   | 50.0   | 50.5   | 50.0   | 50.0   | 50.0   | 50.0   | 49.5   | 49.5  | 49.5  | 48.0 |
| 5°    | 54.9   | 54.9   | 54.9   | 54.9   | 54.5   | 54.5   | 54.5   | 54.0   | 54.0  | 53.5  | 49.0 |
| 7.5°  | 56.9   | 56.9   | 56.4   | 56.4   | 55.9   | 55.9   | 55.4   | 54.9   | 54.5  | 54.0  | 47.0 |
| 10°   | 53.5   | 53.5   | 53.5   | 53.0   | 53.0   | 52.5   | 52.0   | 51.5   | 51.0  | 50.0  | 41.5 |
| 12.5° | 47.5   | 47.5   | 48.0   | 47.5   | 47.0   | 46.5   | 45.5   | 45.0   | 44.5  | 43.5  | 34.5 |
| 15°   | 43.5   | 43.5   | 43.5   | 43.0   | 42.5   | 41.5   | 41.0   | 40.0   | 39.5  | 38.0  | 29.0 |
| 17.5° | 55.4   | 55.4   | 54.9   | 54.0   | 52.0   | 50.5   | 48.0   | 46.0   | 43.5  | 40.5  | 25.0 |
| 20°   | 73.4   | 73.4   | 72.4   | 71.4   | 68.9   | 66.4   | 62.4   | 58.9   | 54.9  | 51.5  | 22.5 |
| 22.5° | 106.4  | 107.9  | 104.9  | 101.4  | 97.9   | 91.9   | 86.4   | 80.9   | 73.9  | 67.9  | 23.0 |
| 25°   | 157.9  | 159.4  | 157.9  | 149.9  | 143.4  | 135.4  | 124.9  | 113.9  | 101.9 | 90.9  | 26.0 |
| 27.5° | 255.8  | 256.8  | 254.3  | 234.8  | 224.3  | 203.3  | 184.8  | 166.8  | 146.9 | 126.9 | 28.5 |
| 30°   | 451.1  | 451.6  | 435.6  | 396.6  | 362.2  | 316.2  | 277.2  | 239.8  | 208.3 | 176.3 | 30.5 |
| 31°   | 594.0  | 580.0  | 546.0  | 499.0  | 444.1  | 382.2  | 328.7  | 280.2  | 233.3 | 198.8 | 31.0 |
| 32°   | 754.3  | 752.3  | 695.9  | 614.4  | 541.0  | 463.6  | 383.2  | 321.2  | 267.3 | 220.3 | 31.5 |
| 33°   | 966.6  | 967.6  | 878.7  | 782.8  | 662.4  | 558.5  | 453.1  | 368.2  | 303.2 | 245.8 | 32.5 |
| 34°   | 1298.3 | 1220.4 | 1116.0 | 986.1  | 822.2  | 665.9  | 529.0  | 422.6  | 335.7 | 270.3 | 32.5 |
| 35°   | 1642.5 | 1564.1 | 1449.2 | 1252.4 | 1027.6 | 808.8  | 619.4  | 481.1  | 374.7 | 296.7 | 32.5 |
| 36°   | 2028.1 | 1961.7 | 1787.9 | 1536.6 | 1249.9 | 943.6  | 715.3  | 548.5  | 413.1 | 320.7 | 32.0 |
| 37°   | 2444.8 | 2347.4 | 2154.5 | 1880.3 | 1496.6 | 1133.5 | 832.2  | 615.4  | 451.6 | 346.7 | 31.0 |
| 38°   | 2867.9 | 2780.0 | 2536.7 | 2204.5 | 1791.4 | 1333.8 | 949.1  | 679.9  | 487.1 | 366.2 | 29.5 |
| 39°   | 3188.6 | 3140.6 | 2899.4 | 2528.2 | 2026.7 | 1523.6 | 1069.5 | 748.8  | 524.5 | 385.6 | 28.0 |
| 40°   | 3565.2 | 3487.8 | 3259.0 | 2799.9 | 2304.9 | 1716.9 | 1187.4 | 809.8  | 555.5 | 401.1 | 26.5 |
| 41°   | 3908.9 | 3811.0 | 3522.3 | 3078.7 | 2527.7 | 1890.8 | 1299.3 | 872.7  | 580.5 | 410.1 | 25.5 |
| 42°   | 4203.7 | 4089.8 | 3788.0 | 3317.5 | 2714.0 | 2029.6 | 1388.7 | 917.7  | 603.9 | 417.6 | 24.0 |
| 43°   | 4394.5 | 4296.1 | 3999.4 | 3496.8 | 2873.4 | 2157.0 | 1472.2 | 964.6  | 618.4 | 422.6 | 22.0 |
| 44°   | 4487.4 | 4388.0 | 4100.8 | 3609.2 | 2971.3 | 2233.5 | 1526.1 | 997.1  | 634.4 | 429.1 | 20.5 |
| 45°   | 4457.4 | 4356.5 | 4078.8 | 3611.2 | 3001.8 | 2260.9 | 1549.1 | 1011.6 | 642.9 | 435.1 | 18.5 |
| 46°   | 4320.1 | 4249.1 | 3969.4 | 3517.3 | 2943.8 | 2231.5 | 1536.1 | 1000.6 | 639.9 | 435.1 | 16.5 |
| 47°   | 4127.2 | 4046.3 | 3780.1 | 3355.9 | 2803.4 | 2155.5 | 1483.6 | 967.1  | 621.4 | 425.1 | 14.5 |
| 48°   | 3864.5 | 3795.5 | 3515.8 | 3099.7 | 2588.1 | 1990.2 | 1365.3 | 912.7  | 592.5 | 405.6 | 12.5 |
| 49°   | 3534.8 | 3438.9 | 3178.6 | 2772.0 | 2307.4 | 1755.4 | 1209.9 | 820.8  | 546.0 | 378.2 | 11.0 |
| 50°   | 3177.1 | 3058.7 | 2857.9 | 2443.8 | 2017.2 | 1505.1 | 1005.6 | 693.9  | 480.6 | 342.2 | 10.0 |
| 51°   | 2826.9 | 2706.5 | 2515.2 | 2163.0 | 1707.4 | 1248.9 | 811.3  | 554.0  | 395.6 | 292.7 | 8.5  |
| 52°   | 2463.8 | 2362.8 | 2148.5 | 1871.8 | 1461.7 | 1012.1 | 675.9  | 468.6  | 328.7 | 245.8 | 7.0  |
| 53°   | 2102.1 | 2033.1 | 1829.3 | 1549.1 | 1174.4 | 826.7  | 552.0  | 401.1  | 286.7 | 210.3 | 5.5  |
| 54°   | 1739.9 | 1664.5 | 1509.6 | 1259.9 | 946.6  | 652.4  | 468.1  | 335.7  | 248.8 | 183.3 | 5.0  |
| 55°   | 1360.8 | 1321.8 | 1178.9 | 960.6  | 717.3  | 520.5  | 379.7  | 288.7  | 208.3 | 153.4 | 4.0  |
| 56°   | 1048.0 | 1004.1 | 873.7  | 696.9  | 533.0  | 407.6  | 307.2  | 235.8  | 176.3 | 128.4 | 3.0  |
| 57°   | 686.4  | 641.4  | 555.0  | 486.6  | 388.1  | 297.2  | 234.8  | 185.8  | 143.4 | 106.4 | 2.5  |
| 58°   | 405.6  | 364.7  | 351.2  | 299.7  | 258.8  | 201.8  | 173.3  | 138.4  | 105.9 | 83.9  | 1.5  |
| 59°   | 186.3  | 189.3  | 168.3  | 157.9  | 143.4  | 128.4  | 105.4  | 92.4   | 72.4  | 60.4  | 1.0  |
| 60°   | 108.4  | 102.4  | 99.9   | 89.4   | 79.4   | 70.4   | 63.4   | 55.9   | 45.5  | 39.0  | 0.5  |
| 62.5° | 37.0   | 35.5   | 36.5   | 33.0   | 31.0   | 30.0   | 27.5   | 23.5   | 19.5  | 16.0  | 0.0  |
| 65°   | 10.0   | 10.0   | 9.5    | 9.0    | 8.5    | 8.0    | 7.5    | 6.5    | 6.0   | 5.0   | 0.0  |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 3.5 | 3.5  | 3.0 | 3.0  | 2.5 | 2.5   | 2.0 | 2.0   | 1.5 | 1.5   | 0.0 |
| 70°   | 2.0 | 2.0  | 2.0 | 1.5  | 1.5 | 1.5   | 1.0 | 1.0   | 1.0 | 0.5   | 0.0 |
| 72.5° | 1.5 | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.0 | 1.0   | 1.0 | 0.5   | 0.5 |
| 75°   | 1.5 | 1.5  | 1.5 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 0.5 |
| 77.5° | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 80°   | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 0.5   | 1.0 |
| 82.5° | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 1.0 |
| 85°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 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):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 44.5  | 44.5 | 44.5   | 44.5 | 44.5   | 44.5 |
| 2.5°  | 46.0  | 44.0 | 41.5   | 40.0 | 39.5   | 39.0 |
| 5°    | 44.0  | 40.0 | 37.0   | 35.0 | 34.5   | 34.5 |
| 7.5°  | 39.5  | 35.0 | 32.0   | 31.0 | 30.5   | 30.5 |
| 10°   | 34.5  | 30.5 | 28.0   | 27.0 | 27.5   | 27.5 |
| 12.5° | 29.0  | 25.5 | 24.5   | 24.5 | 25.0   | 25.5 |
| 15°   | 23.5  | 21.5 | 21.5   | 22.0 | 23.0   | 23.5 |
| 17.5° | 19.5  | 18.5 | 19.0   | 20.0 | 21.0   | 22.0 |
| 20°   | 16.0  | 16.0 | 17.0   | 18.5 | 20.0   | 21.0 |
| 22.5° | 13.5  | 14.0 | 15.5   | 17.0 | 19.0   | 20.0 |
| 25°   | 11.5  | 12.5 | 14.0   | 16.5 | 18.5   | 19.0 |
| 27.5° | 10.0  | 11.5 | 13.5   | 16.0 | 18.0   | 19.0 |
| 30°   | 8.5   | 10.5 | 13.0   | 15.5 | 18.0   | 19.0 |
| 31°   | 8.0   | 10.0 | 12.5   | 15.5 | 18.0   | 19.0 |
| 32°   | 7.5   | 10.0 | 12.5   | 15.5 | 18.0   | 19.0 |
| 33°   | 7.0   | 9.5  | 12.5   | 15.0 | 18.0   | 19.0 |
| 34°   | 6.5   | 9.5  | 12.5   | 15.5 | 18.0   | 19.0 |
| 35°   | 6.0   | 9.0  | 12.0   | 15.0 | 17.5   | 19.0 |
| 36°   | 5.5   | 9.0  | 12.0   | 15.0 | 18.0   | 19.0 |
| 37°   | 5.0   | 9.0  | 12.0   | 15.0 | 17.5   | 19.0 |
| 38°   | 5.0   | 8.5  | 11.5   | 15.0 | 17.5   | 19.0 |
| 39°   | 4.5   | 8.0  | 11.5   | 15.0 | 17.5   | 19.0 |
| 40°   | 4.0   | 8.0  | 11.0   | 14.5 | 17.5   | 19.0 |
| 41°   | 3.5   | 7.5  | 11.0   | 14.5 | 17.5   | 19.0 |
| 42°   | 3.0   | 7.5  | 11.0   | 14.5 | 17.5   | 19.0 |
| 43°   | 2.5   | 7.0  | 10.5   | 14.5 | 17.5   | 19.0 |
| 44°   | 2.5   | 7.0  | 10.5   | 14.5 | 17.5   | 19.0 |
| 45°   | 2.0   | 6.5  | 10.0   | 14.5 | 17.5   | 19.0 |
| 46°   | 2.0   | 6.5  | 10.0   | 14.0 | 17.5   | 19.0 |
| 47°   | 1.5   | 6.5  | 10.0   | 14.0 | 17.5   | 19.0 |
| 48°   | 1.5   | 6.0  | 10.0   | 14.0 | 17.5   | 19.0 |
| 49°   | 1.0   | 6.0  | 10.0   | 14.0 | 17.5   | 19.0 |
| 50°   | 1.0   | 6.0  | 9.5    | 14.0 | 17.5   | 19.0 |
| 51°   | 1.0   | 6.0  | 9.5    | 14.0 | 17.5   | 19.0 |
| 52°   | 1.0   | 5.5  | 9.5    | 14.0 | 17.5   | 19.0 |
| 53°   | 1.0   | 5.5  | 9.5    | 14.0 | 17.5   | 19.0 |
| 54°   | 1.0   | 5.5  | 9.0    | 14.0 | 17.5   | 19.0 |
| 55°   | 1.0   | 5.0  | 9.0    | 13.5 | 17.5   | 18.5 |
| 56°   | 1.0   | 5.0  | 9.0    | 13.5 | 17.5   | 18.5 |
| 57°   | 1.0   | 5.0  | 8.5    | 13.5 | 17.5   | 18.5 |
| 58°   | 1.0   | 4.5  | 8.5    | 13.0 | 17.0   | 18.5 |
| 59°   | 1.0   | 4.5  | 8.0    | 13.0 | 17.0   | 18.0 |
| 60°   | 1.0   | 4.0  | 8.0    | 12.5 | 16.5   | 18.0 |
| 62.5° | 1.0   | 3.5  | 7.0    | 12.0 | 16.0   | 17.0 |
| 65°   | 1.0   | 3.0  | 6.5    | 11.0 | 15.5   | 16.5 |



TEST NUMBER: P1336324

CATALOG NUMBER: P3A05R159030D2WDE010 E3CA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.0   | 3.0 | 6.0    | 10.5 | 14.5   | 16.0 |
| 70°   | 1.0   | 3.0 | 5.5    | 9.5  | 14.0   | 14.5 |
| 72.5° | 1.5   | 3.0 | 5.0    | 9.0  | 13.0   | 13.5 |
| 75°   | 2.0   | 3.0 | 4.5    | 8.0  | 12.0   | 12.5 |
| 77.5° | 2.0   | 3.0 | 4.0    | 7.0  | 10.5   | 11.0 |
| 80°   | 2.0   | 2.5 | 3.5    | 5.5  | 8.5    | 9.0  |
| 82.5° | 2.0   | 2.5 | 2.5    | 4.5  | 6.5    | 7.0  |
| 85°   | 1.5   | 2.0 | 2.0    | 2.5  | 4.5    | 5.0  |
| 87.5° | 1.5   | 2.0 | 1.0    | 1.5  | 2.0    | 2.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)