

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: P1344520

Luminaire Tested: P3A13R259735DE010 E3CA451MB

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1344520  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R259735DE010 E3CA451MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3CA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

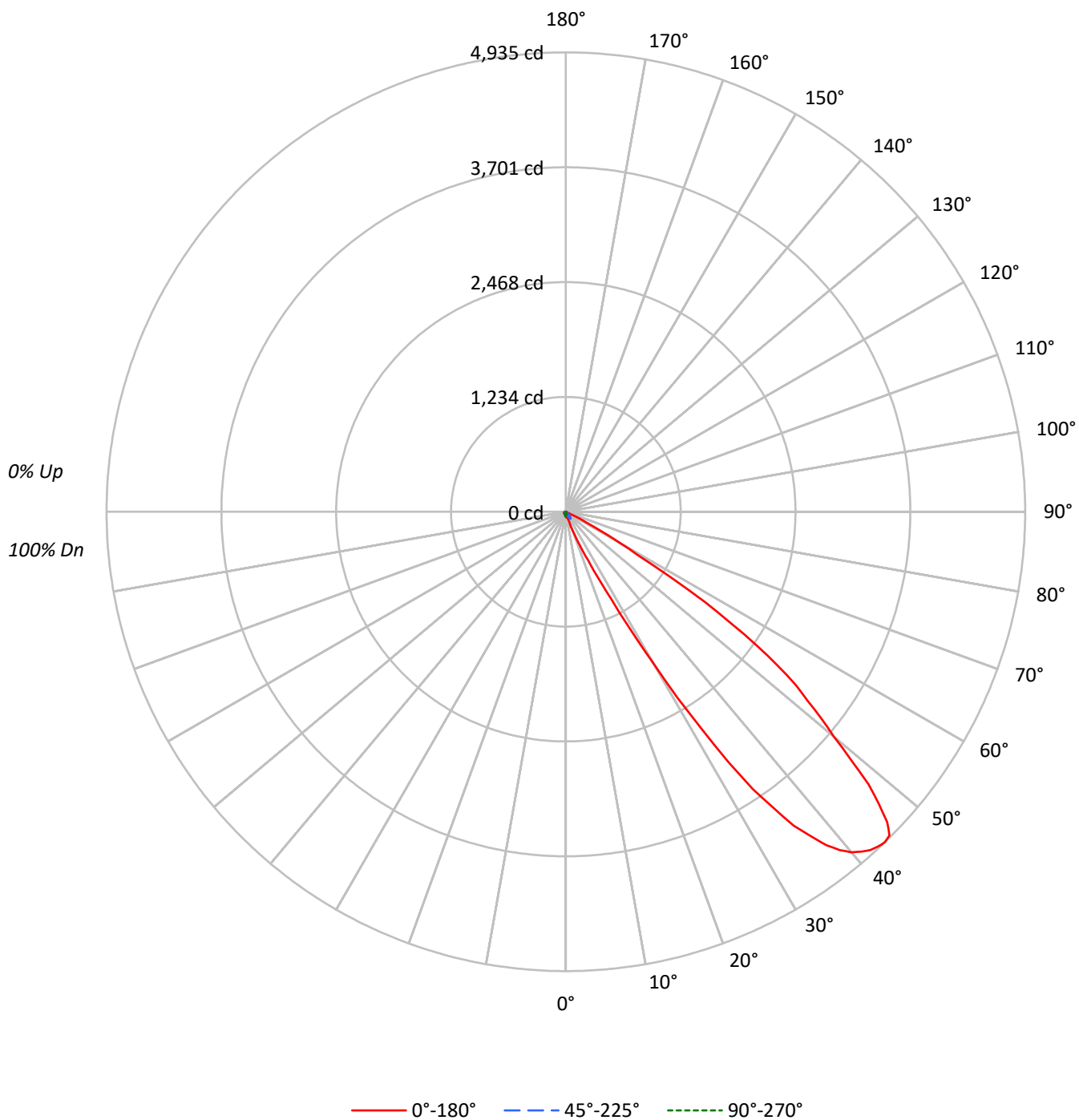
Lumens per Lamp: N/A  
Luminaire Lumens: 1028.9 lumens  
Efficiency: N/A  
Efficacy: 70.5 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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

TEST NUMBER: P1344520

CATALOG NUMBER: P3A13R259735DE010 E3CA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1344520

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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   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 87  |    |    |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |    |    |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  | 61  |    |    |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 51  |    |    |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 42  |    |    |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 29  |    |    |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 25  |    |    |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 21  |    |    |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 11512   | 11512 | 11512 | 11512 | 11512 |
| 5°  | 13163   | 12547 | 11160 | 9971  | 9773  |
| 10° | 13115   | 11890 | 9485  | 8261  | 8261  |
| 15° | 14597   | 10284 | 7401  | 6992  | 7401  |
| 20° | 51548   | 10151 | 5694  | 5927  | 6557  |
| 25° | 148315  | 12920 | 4597  | 5468  | 6363  |
| 30° | 473212  | 19952 | 3671  | 5267  | 6431  |
| 35° | 1036478 | 23503 | 3159  | 5086  | 6532  |
| 40° | 1367276 | 21268 | 2605  | 5181  | 6985  |
| 45° | 1524747 | 14885 | 2512  | 5613  | 7567  |
| 50° | 1283472 | 7710  | 2456  | 5868  | 8324  |
| 55° | 959584  | 3097  | 2409  | 6576  | 9328  |
| 60° | 297038  | 789   | 2368  | 7149  | 10306 |
| 65° | 25372   | 0     | 2802  | 7524  | 11259 |
| 70° | 1731    | 577   | 2885  | 8719  | 12759 |
| 75° | 1525    | 763   | 3813  | 9235  | 14572 |
| 80° | 1137    | 1137  | 5683  | 10229 | 17174 |
| 85° | 2264    | 2264  | 9057  | 11322 | 18115 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1524747 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.7    | 0.5       |
| 10°-20°   | 12.1   | 1.2       |
| 20°-30°   | 56.9   | 5.5       |
| 30°-40°   | 274.1  | 26.6      |
| 40°-50°   | 429.6  | 41.8      |
| 50°-60°   | 220.2  | 21.4      |
| 60°-70°   | 20.8   | 2.0       |
| 70°-80°   | 7.0    | 0.7       |
| 80°-90°   | 3.5    | 0.3       |
| 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°    | 73.8   | 7.2       |
| 0°-40°    | 347.8  | 33.8      |
| 0°-60°    | 997.7  | 97.0      |
| 0°-90°    | 1028.9 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1028.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 52   | 52  | 52  | 52   | 52   |      |
| 5°  | 60   | 57  | 51  | 45   | 44   | 6    |
| 15° | 64   | 45  | 33  | 31   | 33   | 27   |
| 25° | 613  | 53  | 19  | 23   | 26   | 380  |
| 35° | 3872 | 88  | 12  | 19   | 24   | 2350 |
| 45° | 4917 | 48  | 8   | 18   | 24   | 3598 |
| 55° | 2510 | 8   | 6   | 17   | 24   | 2090 |
| 65° | 49   | 0   | 5   | 14   | 22   | 153  |
| 75° | 2    | 1   | 4   | 11   | 17   | 2    |
| 85° | 1    | 1   | 4   | 4    | 7    | 1    |
| 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°    | 52.5   | 52.5   | 52.5   | 52.5   | 52.5   | 52.5   | 52.5   | 52.5   | 52.5   | 52.5   | 52.5 |
| 2.5°  | 57.0   | 57.0   | 57.0   | 57.0   | 57.0   | 57.0   | 56.1   | 56.1   | 57.0   | 56.1   | 56.1 |
| 5°    | 59.8   | 59.8   | 59.8   | 59.8   | 59.8   | 59.8   | 59.8   | 58.9   | 58.9   | 58.9   | 57.0 |
| 7.5°  | 60.7   | 59.8   | 59.8   | 59.8   | 59.8   | 59.8   | 59.8   | 59.8   | 58.9   | 58.9   | 56.1 |
| 10°   | 58.9   | 58.9   | 58.9   | 58.9   | 58.0   | 58.0   | 58.0   | 57.0   | 57.0   | 57.0   | 53.4 |
| 12.5° | 58.9   | 58.9   | 58.9   | 58.9   | 58.0   | 58.0   | 57.0   | 57.0   | 56.1   | 55.2   | 48.9 |
| 15°   | 64.3   | 64.3   | 64.3   | 63.4   | 62.5   | 61.6   | 60.7   | 59.8   | 58.9   | 57.0   | 45.3 |
| 17.5° | 94.2   | 91.5   | 90.5   | 86.9   | 82.4   | 77.9   | 74.3   | 70.6   | 67.0   | 64.3   | 43.5 |
| 20°   | 220.9  | 220.0  | 215.5  | 204.6  | 192.9  | 179.3  | 165.7  | 150.3  | 128.6  | 114.1  | 43.5 |
| 22.5° | 383.0  | 377.6  | 369.4  | 361.3  | 340.5  | 316.0  | 290.7  | 261.7  | 233.6  | 203.7  | 46.2 |
| 25°   | 613.0  | 625.7  | 598.5  | 576.8  | 540.6  | 496.2  | 448.2  | 408.4  | 357.7  | 310.6  | 53.4 |
| 27.5° | 1065.8 | 1073.9 | 1020.5 | 949.9  | 865.7  | 772.4  | 681.8  | 613.9  | 528.8  | 450.9  | 67.0 |
| 30°   | 1868.9 | 1877.1 | 1787.4 | 1637.1 | 1463.3 | 1310.3 | 1102.9 | 920.9  | 753.4  | 623.9  | 78.8 |
| 31°   | 2332.6 | 2269.2 | 2165.0 | 2019.3 | 1799.2 | 1568.3 | 1319.3 | 1099.3 | 887.4  | 717.2  | 82.4 |
| 32°   | 2735.5 | 2730.1 | 2608.7 | 2387.8 | 2166.9 | 1881.6 | 1572.8 | 1285.8 | 1025.9 | 811.3  | 85.1 |
| 33°   | 3210.9 | 3174.7 | 3003.5 | 2795.3 | 2502.8 | 2215.7 | 1817.3 | 1489.5 | 1168.1 | 916.4  | 86.9 |
| 34°   | 3592.1 | 3494.3 | 3423.7 | 3185.5 | 2876.8 | 2510.9 | 2084.5 | 1705.0 | 1345.6 | 1017.8 | 87.8 |
| 35°   | 3871.9 | 3851.1 | 3713.4 | 3491.6 | 3177.4 | 2803.4 | 2372.4 | 1928.7 | 1494.1 | 1135.5 | 87.8 |
| 36°   | 4168.0 | 4103.7 | 3969.7 | 3768.7 | 3462.6 | 3076.0 | 2592.4 | 2122.5 | 1667.0 | 1241.4 | 86.9 |
| 37°   | 4353.6 | 4315.6 | 4182.5 | 3975.1 | 3675.4 | 3306.0 | 2838.7 | 2327.1 | 1804.7 | 1347.4 | 85.1 |
| 38°   | 4544.7 | 4467.7 | 4336.4 | 4138.1 | 3843.8 | 3497.0 | 3017.1 | 2484.7 | 1931.4 | 1440.6 | 82.4 |
| 39°   | 4676.9 | 4597.2 | 4463.2 | 4265.8 | 3977.8 | 3633.8 | 3158.4 | 2618.7 | 2041.9 | 1510.4 | 78.8 |
| 40°   | 4776.5 | 4699.5 | 4563.7 | 4360.9 | 4076.5 | 3741.5 | 3276.1 | 2737.3 | 2134.3 | 1571.0 | 74.3 |
| 41°   | 4838.1 | 4766.5 | 4631.6 | 4429.7 | 4144.5 | 3803.1 | 3353.1 | 2814.3 | 2196.7 | 1611.8 | 69.7 |
| 42°   | 4889.7 | 4816.3 | 4678.7 | 4472.2 | 4186.1 | 3855.6 | 3400.1 | 2863.2 | 2239.3 | 1632.6 | 66.1 |
| 43°   | 4918.7 | 4845.3 | 4711.3 | 4500.3 | 4211.5 | 3880.0 | 3425.5 | 2885.8 | 2253.8 | 1629.9 | 59.8 |
| 44°   | 4935.0 | 4858.9 | 4724.0 | 4513.0 | 4222.3 | 3886.4 | 3427.3 | 2881.3 | 2243.8 | 1608.2 | 54.3 |
| 45°   | 4916.8 | 4841.7 | 4711.3 | 4500.3 | 4203.3 | 3866.5 | 3409.2 | 2856.8 | 2205.8 | 1565.6 | 48.0 |
| 46°   | 4799.1 | 4741.2 | 4621.7 | 4427.9 | 4143.5 | 3815.8 | 3363.0 | 2809.8 | 2146.9 | 1513.1 | 40.7 |
| 47°   | 4591.8 | 4545.6 | 4429.7 | 4285.7 | 4028.6 | 3722.5 | 3277.9 | 2720.1 | 2064.5 | 1434.3 | 32.6 |
| 48°   | 4375.4 | 4307.4 | 4199.7 | 4052.1 | 3834.8 | 3555.0 | 3137.5 | 2588.8 | 1939.6 | 1331.1 | 29.0 |
| 49°   | 4055.7 | 4015.9 | 3920.8 | 3756.0 | 3575.8 | 3329.5 | 2939.2 | 2420.4 | 1786.5 | 1218.8 | 25.4 |
| 50°   | 3762.3 | 3735.2 | 3602.1 | 3480.7 | 3289.7 | 3059.7 | 2670.3 | 2198.5 | 1596.4 | 1079.4 | 22.6 |
| 51°   | 3533.2 | 3500.6 | 3404.7 | 3253.4 | 3049.7 | 2782.6 | 2415.9 | 1910.6 | 1378.2 | 913.6  | 18.1 |
| 52°   | 3294.2 | 3276.1 | 3191.0 | 3035.2 | 2835.1 | 2568.9 | 2168.7 | 1666.1 | 1166.3 | 772.4  | 14.5 |
| 53°   | 3098.6 | 3072.3 | 2968.2 | 2829.7 | 2613.3 | 2338.0 | 1900.6 | 1438.8 | 987.9  | 649.2  | 12.7 |
| 54°   | 2813.4 | 2802.5 | 2735.5 | 2590.6 | 2356.1 | 2056.4 | 1658.0 | 1211.6 | 824.0  | 550.5  | 10.9 |
| 55°   | 2510.0 | 2473.8 | 2405.9 | 2290.9 | 2075.4 | 1795.6 | 1377.3 | 1004.2 | 666.4  | 463.6  | 8.1  |
| 56°   | 2140.6 | 2138.8 | 2017.4 | 1921.5 | 1730.4 | 1433.4 | 1100.2 | 784.2  | 541.5  | 386.6  | 7.2  |
| 57°   | 1787.4 | 1730.4 | 1613.6 | 1518.5 | 1313.0 | 1087.5 | 816.8  | 587.7  | 423.8  | 313.3  | 5.4  |
| 58°   | 1322.0 | 1292.1 | 1261.4 | 1121.9 | 931.8  | 770.6  | 583.1  | 412.9  | 313.3  | 239.1  | 3.6  |
| 59°   | 897.3  | 896.4  | 860.2  | 754.3  | 644.7  | 479.9  | 364.0  | 280.7  | 215.5  | 175.7  | 2.7  |
| 60°   | 677.3  | 661.0  | 588.6  | 518.8  | 405.7  | 303.3  | 215.5  | 165.7  | 134.0  | 113.2  | 1.8  |
| 62.5° | 237.2  | 246.3  | 216.4  | 179.3  | 136.7  | 112.3  | 86.0   | 69.7   | 57.0   | 46.2   | 0.0  |
| 65°   | 48.9   | 53.4   | 46.2   | 43.5   | 34.4   | 29.9   | 26.3   | 22.6   | 19.0   | 16.3   | 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° | 6.3 | 5.4  | 5.4 | 5.4  | 4.5 | 4.5   | 4.5 | 4.5   | 3.6 | 3.6   | 0.9 |
| 70°   | 2.7 | 2.7  | 2.7 | 2.7  | 2.7 | 2.7   | 1.8 | 1.8   | 1.8 | 1.8   | 0.9 |
| 72.5° | 2.7 | 2.7  | 2.7 | 1.8  | 1.8 | 1.8   | 1.8 | 1.8   | 1.8 | 0.9   | 0.9 |
| 75°   | 1.8 | 1.8  | 1.8 | 1.8  | 1.8 | 1.8   | 1.8 | 0.9   | 0.9 | 0.9   | 0.9 |
| 77.5° | 1.8 | 1.8  | 1.8 | 1.8  | 1.8 | 1.8   | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 |
| 80°   | 0.9 | 0.9  | 0.9 | 0.9  | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 |
| 82.5° | 0.9 | 0.9  | 0.9 | 0.9  | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 | 0.9   | 1.8 |
| 85°   | 0.9 | 0.9  | 0.9 | 0.0  | 0.0 | 0.9   | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.9 |
| 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°    | 52.5  | 52.5 | 52.5   | 52.5 | 52.5   | 52.5 |
| 2.5°  | 55.2  | 53.4 | 50.7   | 49.8 | 48.9   | 48.9 |
| 5°    | 54.3  | 50.7 | 48.0   | 45.3 | 44.4   | 44.4 |
| 7.5°  | 51.6  | 47.1 | 43.5   | 41.7 | 40.7   | 39.8 |
| 10°   | 48.9  | 42.6 | 38.9   | 37.1 | 37.1   | 37.1 |
| 12.5° | 43.5  | 38.0 | 34.4   | 33.5 | 34.4   | 34.4 |
| 15°   | 38.9  | 32.6 | 30.8   | 30.8 | 31.7   | 32.6 |
| 17.5° | 33.5  | 29.0 | 27.2   | 28.1 | 29.0   | 29.9 |
| 20°   | 29.9  | 24.4 | 24.4   | 25.4 | 28.1   | 28.1 |
| 22.5° | 26.3  | 21.7 | 21.7   | 24.4 | 26.3   | 27.2 |
| 25°   | 23.5  | 19.0 | 19.9   | 22.6 | 25.4   | 26.3 |
| 27.5° | 19.9  | 16.3 | 18.1   | 21.7 | 24.4   | 25.4 |
| 30°   | 17.2  | 14.5 | 17.2   | 20.8 | 23.5   | 25.4 |
| 31°   | 16.3  | 13.6 | 17.2   | 19.9 | 23.5   | 25.4 |
| 32°   | 14.5  | 13.6 | 16.3   | 19.9 | 23.5   | 24.4 |
| 33°   | 13.6  | 12.7 | 16.3   | 19.9 | 23.5   | 24.4 |
| 34°   | 12.7  | 11.8 | 15.4   | 19.9 | 23.5   | 24.4 |
| 35°   | 10.9  | 11.8 | 15.4   | 19.0 | 22.6   | 24.4 |
| 36°   | 10.0  | 10.9 | 15.4   | 19.0 | 22.6   | 24.4 |
| 37°   | 9.1   | 10.9 | 14.5   | 19.0 | 22.6   | 24.4 |
| 38°   | 8.1   | 10.0 | 14.5   | 19.0 | 22.6   | 24.4 |
| 39°   | 7.2   | 10.0 | 13.6   | 19.0 | 22.6   | 24.4 |
| 40°   | 6.3   | 9.1  | 13.6   | 18.1 | 22.6   | 24.4 |
| 41°   | 6.3   | 9.1  | 13.6   | 18.1 | 22.6   | 24.4 |
| 42°   | 5.4   | 9.1  | 13.6   | 18.1 | 22.6   | 24.4 |
| 43°   | 4.5   | 8.1  | 13.6   | 18.1 | 22.6   | 24.4 |
| 44°   | 3.6   | 8.1  | 12.7   | 18.1 | 22.6   | 24.4 |
| 45°   | 3.6   | 8.1  | 12.7   | 18.1 | 22.6   | 24.4 |
| 46°   | 2.7   | 7.2  | 12.7   | 18.1 | 22.6   | 24.4 |
| 47°   | 1.8   | 7.2  | 12.7   | 17.2 | 22.6   | 24.4 |
| 48°   | 1.8   | 7.2  | 12.7   | 17.2 | 22.6   | 24.4 |
| 49°   | 1.8   | 7.2  | 11.8   | 17.2 | 22.6   | 24.4 |
| 50°   | 1.8   | 7.2  | 11.8   | 17.2 | 22.6   | 24.4 |
| 51°   | 0.9   | 6.3  | 11.8   | 17.2 | 22.6   | 24.4 |
| 52°   | 0.9   | 6.3  | 11.8   | 17.2 | 22.6   | 25.4 |
| 53°   | 0.9   | 6.3  | 11.8   | 17.2 | 22.6   | 24.4 |
| 54°   | 0.9   | 6.3  | 10.9   | 17.2 | 22.6   | 24.4 |
| 55°   | 0.9   | 6.3  | 10.9   | 17.2 | 22.6   | 24.4 |
| 56°   | 0.9   | 5.4  | 10.9   | 16.3 | 22.6   | 24.4 |
| 57°   | 1.8   | 5.4  | 10.9   | 16.3 | 22.6   | 23.5 |
| 58°   | 1.8   | 5.4  | 10.9   | 16.3 | 21.7   | 23.5 |
| 59°   | 1.8   | 5.4  | 10.9   | 16.3 | 21.7   | 23.5 |
| 60°   | 1.8   | 5.4  | 10.0   | 16.3 | 21.7   | 23.5 |
| 62.5° | 1.8   | 5.4  | 10.0   | 15.4 | 20.8   | 22.6 |
| 65°   | 1.8   | 5.4  | 9.1    | 14.5 | 20.8   | 21.7 |



TEST NUMBER: P1344520

CATALOG NUMBER: P3A13R259735DE010 E3CA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.8   | 4.5 | 9.1    | 13.6 | 19.9   | 20.8 |
| 70°   | 2.7   | 4.5 | 8.1    | 13.6 | 19.0   | 19.9 |
| 72.5° | 2.7   | 4.5 | 8.1    | 11.8 | 17.2   | 19.0 |
| 75°   | 2.7   | 4.5 | 7.2    | 10.9 | 16.3   | 17.2 |
| 77.5° | 2.7   | 4.5 | 6.3    | 10.0 | 14.5   | 15.4 |
| 80°   | 3.6   | 4.5 | 5.4    | 8.1  | 12.7   | 13.6 |
| 82.5° | 3.6   | 4.5 | 4.5    | 6.3  | 10.0   | 10.9 |
| 85°   | 2.7   | 3.6 | 3.6    | 4.5  | 6.3    | 7.2  |
| 87.5° | 2.7   | 3.6 | 2.7    | 1.8  | 3.6    | 3.6  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)