

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: P1308907

Luminaire Tested: P3SQAS09R159035DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1308907  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-73)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS09R159035DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

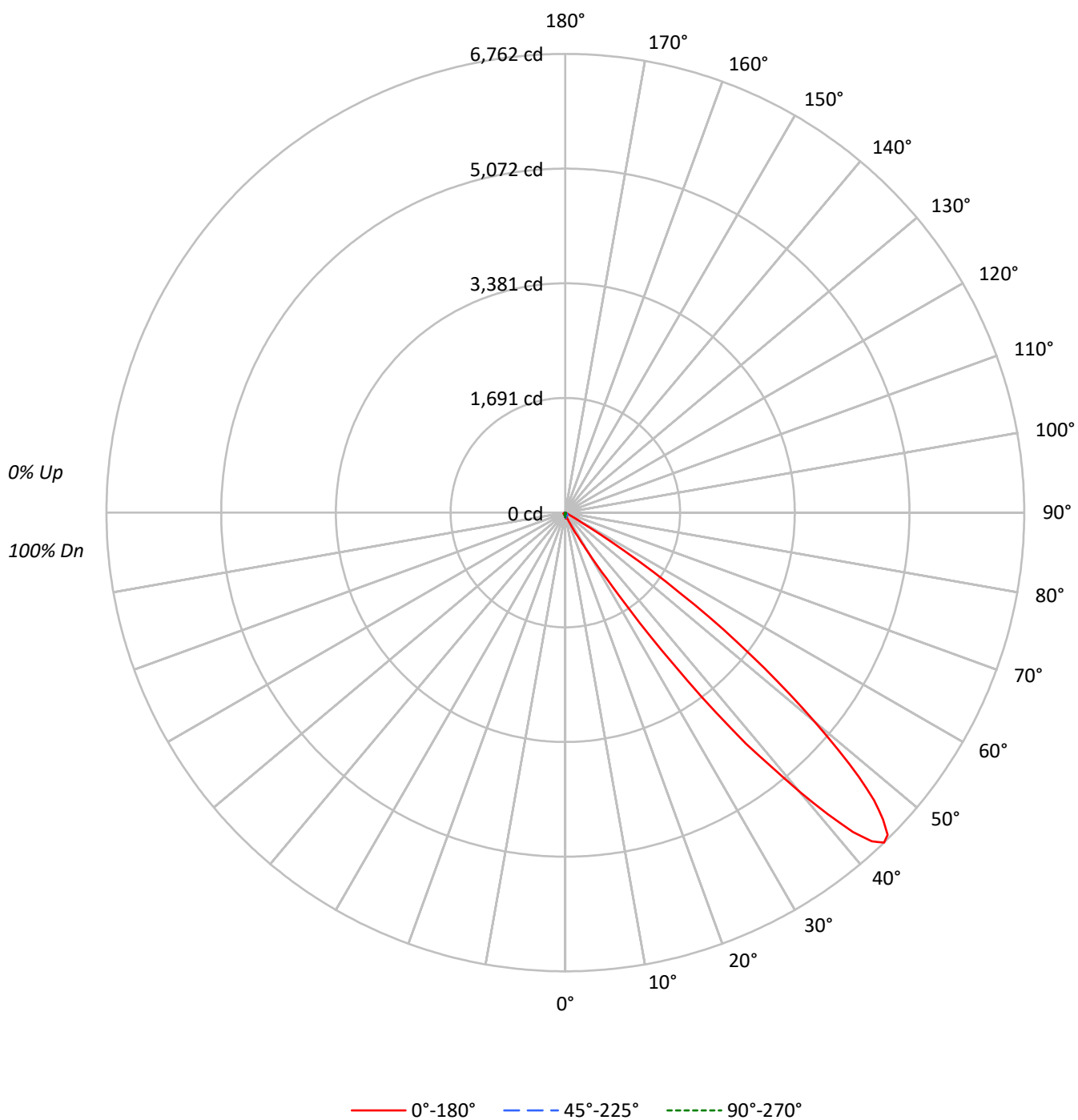
Lumens per Lamp: N/A  
Luminaire Lumens: 755.0 lumens  
Efficiency: N/A  
Efficacy: 68.0 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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: P1308907

CATALOG NUMBER: P3SQAS09R159035DE010 E3SQCA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1308907

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

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 11539   | 11539 | 11539 | 11539 | 11539 |
| 5°  | 14315   | 12759 | 10407 | 9111  | 8972  |
| 10° | 14095   | 10930 | 8027  | 7118  | 7240  |
| 15° | 11679   | 7792  | 5777  | 5902  | 6312  |
| 20° | 20289   | 6213  | 4417  | 5113  | 5792  |
| 25° | 45207   | 7430  | 3573  | 4713  | 5435  |
| 30° | 135189  | 9128  | 3142  | 4634  | 5688  |
| 35° | 520398  | 10281 | 2859  | 4752  | 6013  |
| 40° | 1207917 | 8970  | 2698  | 4901  | 6430  |
| 45° | 1636063 | 6795  | 2387  | 5310  | 6966  |
| 50° | 1282799 | 4046  | 2411  | 5653  | 7663  |
| 55° | 615715  | 1802  | 2252  | 6095  | 8377  |
| 60° | 56282   | 276   | 2067  | 6476  | 9334  |
| 65° | 6153    | 0     | 1834  | 6765  | 10106 |
| 70° | 1511    | 0     | 2266  | 7201  | 10977 |
| 75° | 1530    | 532   | 2994  | 7985  | 12510 |
| 80° | 1488    | 1488  | 3769  | 8232  | 13488 |
| 85° | 1581    | 1581  | 5928  | 7509  | 14820 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1636063 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 5.7    | 0.8       |
| 10°-20°   | 11.9   | 1.6       |
| 20°-30°   | 28.5   | 3.8       |
| 30°-40°   | 156.2  | 20.7      |
| 40°-50°   | 378.2  | 50.1      |
| 50°-60°   | 150.9  | 20.0      |
| 60°-70°   | 13.0   | 1.7       |
| 70°-80°   | 7.4    | 1.0       |
| 80°-90°   | 3.3    | 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°    | 46.2   | 6.1       |
| 0°-40°    | 202.3  | 26.8      |
| 0°-60°    | 731.4  | 96.9      |
| 0°-90°    | 755.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 755.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 67   | 67  | 67  | 67   | 67   |      |
| 5°  | 83   | 74  | 60  | 53   | 52   | 8    |
| 15° | 66   | 44  | 32  | 33   | 35   | 23   |
| 25° | 238  | 39  | 19  | 25   | 29   | 143  |
| 35° | 2475 | 49  | 14  | 23   | 29   | 1749 |
| 45° | 6717 | 28  | 10  | 22   | 29   | 4739 |
| 55° | 2051 | 6   | 8   | 20   | 28   | 1910 |
| 65° | 15   | 0   | 4   | 17   | 25   | 39   |
| 75° | 2    | 1   | 4   | 12   | 19   | 2    |
| 85° | 1    | 1   | 3   | 4    | 8    | 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°    | 67.0   | 67.0   | 67.0   | 67.0   | 67.0   | 67.0   | 67.0   | 67.0   | 67.0  | 67.0  | 67.0 |
| 2.5°  | 75.3   | 75.3   | 76.0   | 75.3   | 75.3   | 75.3   | 75.3   | 74.5   | 74.5  | 74.5  | 72.3 |
| 5°    | 82.8   | 82.8   | 82.8   | 82.8   | 82.1   | 82.1   | 82.1   | 81.3   | 81.3  | 80.6  | 73.8 |
| 7.5°  | 85.8   | 85.8   | 85.1   | 85.1   | 84.3   | 84.3   | 83.6   | 82.8   | 82.1  | 81.3  | 70.8 |
| 10°   | 80.6   | 80.6   | 80.6   | 79.8   | 79.8   | 79.0   | 78.3   | 77.5   | 76.8  | 75.3  | 62.5 |
| 12.5° | 71.5   | 71.5   | 72.3   | 71.5   | 70.8   | 70.0   | 68.5   | 67.8   | 67.0  | 65.5  | 51.9 |
| 15°   | 65.5   | 65.5   | 65.5   | 64.7   | 64.0   | 62.5   | 61.7   | 60.2   | 59.5  | 57.2  | 43.7 |
| 17.5° | 83.6   | 83.6   | 82.8   | 81.3   | 78.3   | 76.0   | 72.3   | 69.3   | 65.5  | 61.0  | 37.6 |
| 20°   | 110.7  | 110.7  | 109.2  | 107.7  | 103.9  | 100.1  | 94.1   | 88.8   | 82.8  | 77.5  | 33.9 |
| 22.5° | 160.3  | 162.6  | 158.1  | 152.8  | 147.5  | 138.5  | 130.2  | 122.0  | 111.4 | 102.4 | 34.6 |
| 25°   | 237.9  | 240.1  | 237.9  | 225.8  | 216.1  | 204.0  | 188.2  | 171.6  | 153.6 | 137.0 | 39.1 |
| 27.5° | 385.4  | 386.9  | 383.2  | 353.8  | 338.0  | 306.4  | 278.5  | 251.4  | 221.3 | 191.2 | 42.9 |
| 30°   | 679.8  | 680.5  | 656.4  | 597.7  | 545.8  | 476.5  | 417.8  | 361.3  | 313.9 | 265.7 | 45.9 |
| 31°   | 895.1  | 874.0  | 822.8  | 752.1  | 669.2  | 575.9  | 495.3  | 422.3  | 351.6 | 299.6 | 46.7 |
| 32°   | 1136.7 | 1133.7 | 1048.7 | 926.0  | 815.3  | 698.6  | 577.4  | 484.1  | 402.8 | 332.0 | 47.4 |
| 33°   | 1456.7 | 1458.2 | 1324.2 | 1179.6 | 998.2  | 841.6  | 682.8  | 554.8  | 457.0 | 370.4 | 48.9 |
| 34°   | 1956.5 | 1839.1 | 1681.8 | 1486.0 | 1239.1 | 1003.5 | 797.2  | 636.9  | 505.9 | 407.3 | 48.9 |
| 35°   | 2475.2 | 2357.0 | 2183.9 | 1887.3 | 1548.5 | 1218.8 | 933.5  | 725.0  | 564.6 | 447.2 | 48.9 |
| 36°   | 3056.4 | 2956.3 | 2694.3 | 2315.6 | 1883.5 | 1422.1 | 1078.0 | 826.6  | 622.6 | 483.3 | 48.2 |
| 37°   | 3684.2 | 3537.4 | 3246.9 | 2833.6 | 2255.4 | 1708.1 | 1254.2 | 927.5  | 680.5 | 522.4 | 46.7 |
| 38°   | 4321.9 | 4189.4 | 3822.7 | 3322.1 | 2699.6 | 2010.0 | 1430.3 | 1024.6 | 734.0 | 551.8 | 44.4 |
| 39°   | 4805.2 | 4732.9 | 4369.3 | 3810.0 | 3054.1 | 2296.1 | 1611.8 | 1128.5 | 790.4 | 581.2 | 42.2 |
| 40°   | 5372.8 | 5256.1 | 4911.3 | 4219.5 | 3473.4 | 2587.4 | 1789.4 | 1220.3 | 837.1 | 604.5 | 39.9 |
| 41°   | 5890.7 | 5743.2 | 5308.0 | 4639.5 | 3809.2 | 2849.4 | 1958.0 | 1315.2 | 874.8 | 618.1 | 38.4 |
| 42°   | 6334.9 | 6163.2 | 5708.5 | 4999.4 | 4090.0 | 3058.7 | 2092.8 | 1382.9 | 910.1 | 629.3 | 36.1 |
| 43°   | 6622.4 | 6474.1 | 6027.0 | 5269.6 | 4330.1 | 3250.6 | 2218.5 | 1453.7 | 932.0 | 636.9 | 33.1 |
| 44°   | 6762.5 | 6612.6 | 6179.8 | 5439.0 | 4477.7 | 3365.8 | 2299.8 | 1502.6 | 956.1 | 646.7 | 30.9 |
| 45°   | 6717.3 | 6565.2 | 6146.7 | 5442.0 | 4523.6 | 3407.2 | 2334.5 | 1524.4 | 968.9 | 655.7 | 27.9 |
| 46°   | 6510.3 | 6403.4 | 5981.8 | 5300.5 | 4436.3 | 3362.8 | 2314.9 | 1507.9 | 964.3 | 655.7 | 24.8 |
| 47°   | 6219.7 | 6097.7 | 5696.5 | 5057.4 | 4224.7 | 3248.4 | 2235.8 | 1457.4 | 936.5 | 640.6 | 21.8 |
| 48°   | 5823.7 | 5719.8 | 5298.2 | 4671.2 | 3900.3 | 2999.2 | 2057.4 | 1375.4 | 892.8 | 611.3 | 18.8 |
| 49°   | 5326.9 | 5182.3 | 4790.1 | 4177.3 | 3477.2 | 2645.4 | 1823.3 | 1236.9 | 822.8 | 569.9 | 16.6 |
| 50°   | 4787.8 | 4609.4 | 4306.8 | 3682.7 | 3039.8 | 2268.2 | 1515.4 | 1045.6 | 724.2 | 515.7 | 15.1 |
| 51°   | 4260.1 | 4078.7 | 3790.4 | 3259.7 | 2573.1 | 1882.0 | 1222.6 | 834.9  | 596.2 | 441.1 | 12.8 |
| 52°   | 3712.8 | 3560.8 | 3237.8 | 2820.8 | 2202.7 | 1525.2 | 1018.5 | 706.1  | 495.3 | 370.4 | 10.5 |
| 53°   | 3167.8 | 3063.9 | 2756.8 | 2334.5 | 1769.8 | 1245.9 | 831.9  | 604.5  | 432.1 | 316.9 | 8.3  |
| 54°   | 2622.0 | 2508.3 | 2275.0 | 1898.6 | 1426.6 | 983.2  | 705.4  | 505.9  | 374.9 | 276.3 | 7.5  |
| 55°   | 2050.6 | 1991.9 | 1776.6 | 1447.6 | 1081.0 | 784.4  | 572.1  | 435.1  | 313.9 | 231.1 | 6.0  |
| 56°   | 1579.4 | 1513.1 | 1316.7 | 1050.2 | 803.2  | 614.3  | 463.0  | 355.3  | 265.7 | 193.5 | 4.5  |
| 57°   | 1034.4 | 966.6  | 836.4  | 733.2  | 584.9  | 447.9  | 353.8  | 280.0  | 216.1 | 160.3 | 3.8  |
| 58°   | 611.3  | 549.5  | 529.2  | 451.7  | 390.0  | 304.1  | 261.2  | 208.5  | 159.6 | 126.5 | 2.3  |
| 59°   | 280.8  | 285.3  | 253.7  | 237.9  | 216.1  | 193.5  | 158.8  | 139.3  | 109.2 | 91.1  | 1.5  |
| 60°   | 163.4  | 154.3  | 150.6  | 134.8  | 119.7  | 106.1  | 95.6   | 84.3   | 68.5  | 58.7  | 0.8  |
| 62.5° | 55.7   | 53.4   | 55.0   | 49.7   | 46.7   | 45.2   | 41.4   | 35.4   | 29.4  | 24.1  | 0.0  |
| 65°   | 15.1   | 15.1   | 14.3   | 13.6   | 12.8   | 12.0   | 11.3   | 9.8    | 9.0   | 7.5   | 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° | 5.3 | 5.3  | 4.5 | 4.5  | 3.8 | 3.8   | 3.0 | 3.0   | 2.3 | 2.3   | 0.0 |
| 70°   | 3.0 | 3.0  | 3.0 | 2.3  | 2.3 | 2.3   | 1.5 | 1.5   | 1.5 | 0.8   | 0.0 |
| 72.5° | 2.3 | 2.3  | 2.3 | 2.3  | 2.3 | 2.3   | 1.5 | 1.5   | 1.5 | 0.8   | 0.8 |
| 75°   | 2.3 | 2.3  | 2.3 | 1.5  | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 | 1.5   | 0.8 |
| 77.5° | 1.5 | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 |
| 80°   | 1.5 | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 | 0.8   | 1.5 |
| 82.5° | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 | 0.8   | 1.5 |
| 85°   | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 | 0.8   | 0.8 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.8 |
| 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°    | 67.0  | 67.0 | 67.0   | 67.0 | 67.0   | 67.0 |
| 2.5°  | 69.3  | 66.2 | 62.5   | 60.2 | 59.5   | 58.7 |
| 5°    | 66.2  | 60.2 | 55.7   | 52.7 | 51.9   | 51.9 |
| 7.5°  | 59.5  | 52.7 | 48.2   | 46.7 | 45.9   | 45.9 |
| 10°   | 51.9  | 45.9 | 42.2   | 40.7 | 41.4   | 41.4 |
| 12.5° | 43.7  | 38.4 | 36.9   | 36.9 | 37.6   | 38.4 |
| 15°   | 35.4  | 32.4 | 32.4   | 33.1 | 34.6   | 35.4 |
| 17.5° | 29.4  | 27.9 | 28.6   | 30.1 | 31.6   | 33.1 |
| 20°   | 24.1  | 24.1 | 25.6   | 27.9 | 30.1   | 31.6 |
| 22.5° | 20.3  | 21.1 | 23.3   | 25.6 | 28.6   | 30.1 |
| 25°   | 17.3  | 18.8 | 21.1   | 24.8 | 27.9   | 28.6 |
| 27.5° | 15.1  | 17.3 | 20.3   | 24.1 | 27.1   | 28.6 |
| 30°   | 12.8  | 15.8 | 19.6   | 23.3 | 27.1   | 28.6 |
| 31°   | 12.0  | 15.1 | 18.8   | 23.3 | 27.1   | 28.6 |
| 32°   | 11.3  | 15.1 | 18.8   | 23.3 | 27.1   | 28.6 |
| 33°   | 10.5  | 14.3 | 18.8   | 22.6 | 27.1   | 28.6 |
| 34°   | 9.8   | 14.3 | 18.8   | 23.3 | 27.1   | 28.6 |
| 35°   | 9.0   | 13.6 | 18.1   | 22.6 | 26.3   | 28.6 |
| 36°   | 8.3   | 13.6 | 18.1   | 22.6 | 27.1   | 28.6 |
| 37°   | 7.5   | 13.6 | 18.1   | 22.6 | 26.3   | 28.6 |
| 38°   | 7.5   | 12.8 | 17.3   | 22.6 | 26.3   | 28.6 |
| 39°   | 6.8   | 12.0 | 17.3   | 22.6 | 26.3   | 28.6 |
| 40°   | 6.0   | 12.0 | 16.6   | 21.8 | 26.3   | 28.6 |
| 41°   | 5.3   | 11.3 | 16.6   | 21.8 | 26.3   | 28.6 |
| 42°   | 4.5   | 11.3 | 16.6   | 21.8 | 26.3   | 28.6 |
| 43°   | 3.8   | 10.5 | 15.8   | 21.8 | 26.3   | 28.6 |
| 44°   | 3.8   | 10.5 | 15.8   | 21.8 | 26.3   | 28.6 |
| 45°   | 3.0   | 9.8  | 15.1   | 21.8 | 26.3   | 28.6 |
| 46°   | 3.0   | 9.8  | 15.1   | 21.1 | 26.3   | 28.6 |
| 47°   | 2.3   | 9.8  | 15.1   | 21.1 | 26.3   | 28.6 |
| 48°   | 2.3   | 9.0  | 15.1   | 21.1 | 26.3   | 28.6 |
| 49°   | 1.5   | 9.0  | 15.1   | 21.1 | 26.3   | 28.6 |
| 50°   | 1.5   | 9.0  | 14.3   | 21.1 | 26.3   | 28.6 |
| 51°   | 1.5   | 9.0  | 14.3   | 21.1 | 26.3   | 28.6 |
| 52°   | 1.5   | 8.3  | 14.3   | 21.1 | 26.3   | 28.6 |
| 53°   | 1.5   | 8.3  | 14.3   | 21.1 | 26.3   | 28.6 |
| 54°   | 1.5   | 8.3  | 13.6   | 21.1 | 26.3   | 28.6 |
| 55°   | 1.5   | 7.5  | 13.6   | 20.3 | 26.3   | 27.9 |
| 56°   | 1.5   | 7.5  | 13.6   | 20.3 | 26.3   | 27.9 |
| 57°   | 1.5   | 7.5  | 12.8   | 20.3 | 26.3   | 27.9 |
| 58°   | 1.5   | 6.8  | 12.8   | 19.6 | 25.6   | 27.9 |
| 59°   | 1.5   | 6.8  | 12.0   | 19.6 | 25.6   | 27.1 |
| 60°   | 1.5   | 6.0  | 12.0   | 18.8 | 24.8   | 27.1 |
| 62.5° | 1.5   | 5.3  | 10.5   | 18.1 | 24.1   | 25.6 |
| 65°   | 1.5   | 4.5  | 9.8    | 16.6 | 23.3   | 24.8 |



TEST NUMBER: P1308907

CATALOG NUMBER: P3SQAS09R159035DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.5   | 4.5 | 9.0    | 15.8 | 21.8   | 24.1 |
| 70°   | 1.5   | 4.5 | 8.3    | 14.3 | 21.1   | 21.8 |
| 72.5° | 2.3   | 4.5 | 7.5    | 13.6 | 19.6   | 20.3 |
| 75°   | 3.0   | 4.5 | 6.8    | 12.0 | 18.1   | 18.8 |
| 77.5° | 3.0   | 4.5 | 6.0    | 10.5 | 15.8   | 16.6 |
| 80°   | 3.0   | 3.8 | 5.3    | 8.3  | 12.8   | 13.6 |
| 82.5° | 3.0   | 3.8 | 3.8    | 6.8  | 9.8    | 10.5 |
| 85°   | 2.3   | 3.0 | 3.0    | 3.8  | 6.8    | 7.5  |
| 87.5° | 2.3   | 3.0 | 1.5    | 2.3  | 3.0    | 3.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)