

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: P1313224

Luminaire Tested: P3SQAS09R259730DE010 E3SQCA451MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1313224  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS09R259730DE010 E3SQCA451MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQCA451MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

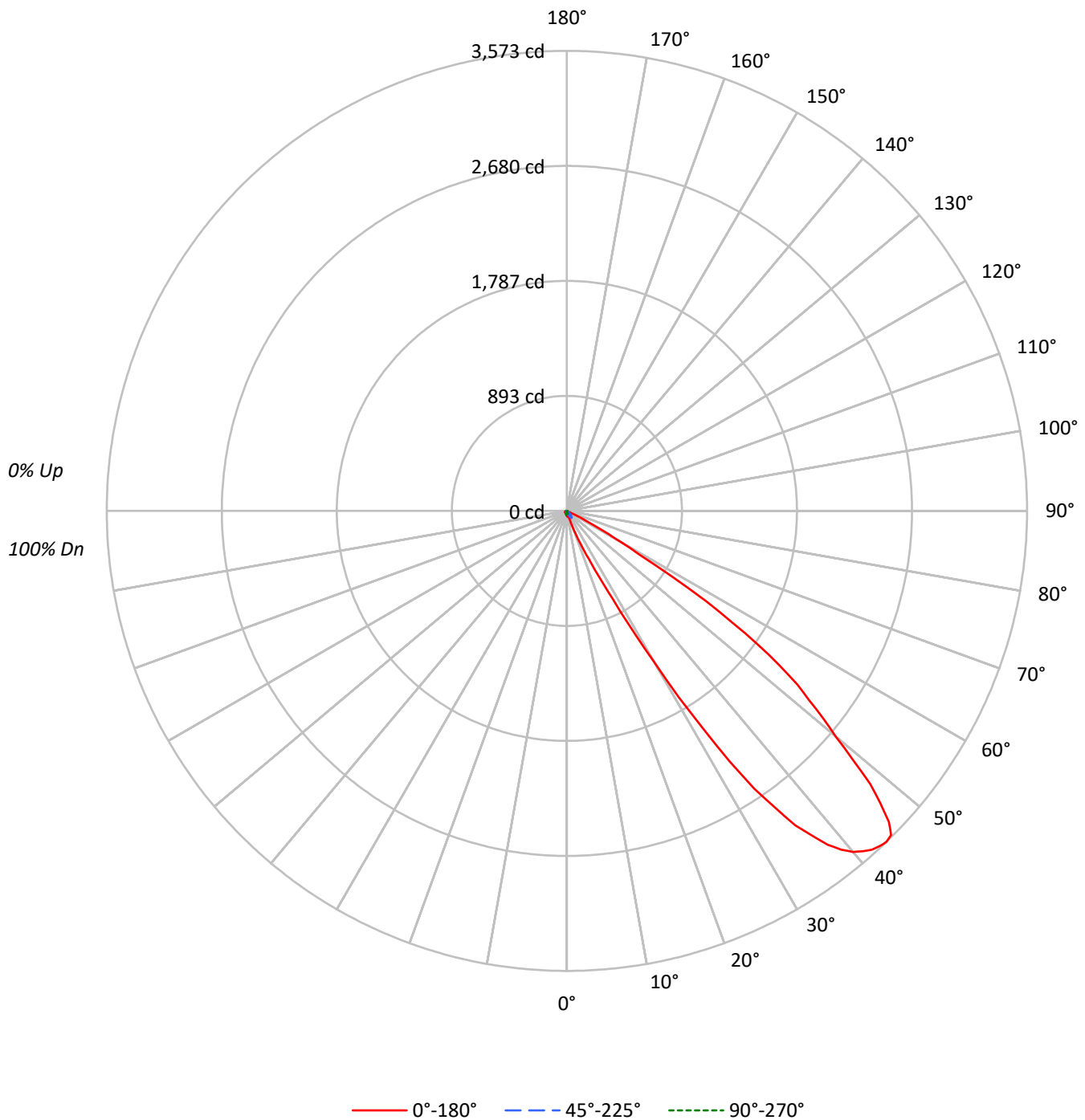
Lumens per Lamp: N/A  
Luminaire Lumens: 745.0 lumens  
Efficiency: N/A  
Efficacy: 67.1 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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

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### Luminous Intensity Polar Plot



TEST NUMBER: P1313224

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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  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 87  | 87  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  | 73  |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  | 61  | 61  |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 51  | 51  |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 42  | 42  |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  | 35  |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 29  | 29  |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 25  | 25  |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 21  | 21  |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 17  | 17  |

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

|     | 0°     | 45°   | 90°  | 135° | 180°  |
|-----|--------|-------|------|------|-------|
| 0°  | 6544   | 6544  | 6544 | 6544 | 6544  |
| 5°  | 7486   | 7140  | 6345 | 5670 | 5549  |
| 10° | 7450   | 6768  | 5386 | 4704 | 4704  |
| 15° | 8291   | 5848  | 4208 | 3976 | 4208  |
| 20° | 29324  | 5773  | 3244 | 3372 | 3720  |
| 25° | 84334  | 7354  | 2622 | 3116 | 3611  |
| 30° | 269085 | 11335 | 2088 | 3003 | 3659  |
| 35° | 589380 | 13372 | 1787 | 2901 | 3721  |
| 40° | 777475 | 12095 | 1484 | 2945 | 3979  |
| 45° | 867023 | 8452  | 1437 | 3191 | 4311  |
| 50° | 729817 | 4394  | 1393 | 3349 | 4742  |
| 55° | 545664 | 1772  | 1381 | 3753 | 5315  |
| 60° | 168916 | 448   | 1343 | 4064 | 5856  |
| 65° | 14426  | 0     | 1589 | 4279 | 6398  |
| 70° | 1007   | 352   | 1662 | 4935 | 7251  |
| 75° | 865    | 466   | 2196 | 5257 | 8318  |
| 80° | 694    | 694   | 3273 | 5852 | 9720  |
| 85° | 1383   | 1383  | 5138 | 6521 | 10275 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 867023 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.4    | 0.5       |
| 10°-20°   | 8.8    | 1.2       |
| 20°-30°   | 41.2   | 5.5       |
| 30°-40°   | 198.4  | 26.6      |
| 40°-50°   | 311.1  | 41.8      |
| 50°-60°   | 159.5  | 21.4      |
| 60°-70°   | 15.0   | 2.0       |
| 70°-80°   | 5.1    | 0.7       |
| 80°-90°   | 2.5    | 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°    | 53.4   | 7.2       |
| 0°-40°    | 251.8  | 33.8      |
| 0°-60°    | 722.4  | 97.0      |
| 0°-90°    | 745.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 745.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 38   | 38  | 38  | 38   | 38   |      |
| 5°  | 43   | 41  | 37  | 33   | 32   | 4    |
| 15° | 46   | 33  | 24  | 22   | 24   | 20   |
| 25° | 444  | 39  | 14  | 16   | 19   | 275  |
| 35° | 2803 | 64  | 8   | 14   | 18   | 1702 |
| 45° | 3560 | 35  | 6   | 13   | 18   | 2605 |
| 55° | 1817 | 6   | 5   | 12   | 18   | 1513 |
| 65° | 35   | 0   | 4   | 10   | 16   | 111  |
| 75° | 1    | 1   | 3   | 8    | 12   | 2    |
| 85° | 1    | 1   | 3   | 3    | 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°    | 38.0   | 38.0   | 38.0   | 38.0   | 38.0   | 38.0   | 38.0   | 38.0   | 38.0   | 38.0   | 38.0 |
| 2.5°  | 41.3   | 41.3   | 41.3   | 41.3   | 41.3   | 41.3   | 40.6   | 40.6   | 41.3   | 40.6   | 40.6 |
| 5°    | 43.3   | 43.3   | 43.3   | 43.3   | 43.3   | 43.3   | 43.3   | 42.6   | 42.6   | 42.6   | 41.3 |
| 7.5°  | 43.9   | 43.3   | 43.3   | 43.3   | 43.3   | 43.3   | 43.3   | 43.3   | 42.6   | 42.6   | 40.6 |
| 10°   | 42.6   | 42.6   | 42.6   | 42.6   | 42.0   | 42.0   | 42.0   | 41.3   | 41.3   | 41.3   | 38.7 |
| 12.5° | 42.6   | 42.6   | 42.6   | 42.6   | 42.0   | 42.0   | 41.3   | 41.3   | 40.6   | 40.0   | 35.4 |
| 15°   | 46.5   | 46.5   | 46.5   | 45.9   | 45.2   | 44.6   | 43.9   | 43.3   | 42.6   | 41.3   | 32.8 |
| 17.5° | 68.2   | 66.2   | 65.6   | 62.9   | 59.7   | 56.4   | 53.8   | 51.1   | 48.5   | 46.5   | 31.5 |
| 20°   | 160.0  | 159.3  | 156.0  | 148.2  | 139.6  | 129.8  | 120.0  | 108.8  | 93.1   | 82.6   | 31.5 |
| 22.5° | 277.3  | 273.4  | 267.5  | 261.6  | 246.5  | 228.8  | 210.4  | 189.5  | 169.1  | 147.5  | 33.4 |
| 25°   | 443.8  | 453.0  | 433.3  | 417.6  | 391.4  | 359.3  | 324.5  | 295.7  | 259.0  | 224.9  | 38.7 |
| 27.5° | 771.6  | 777.5  | 738.8  | 687.7  | 626.7  | 559.2  | 493.7  | 444.5  | 382.9  | 326.5  | 48.5 |
| 30°   | 1353.1 | 1359.0 | 1294.1 | 1185.3 | 1059.4 | 948.6  | 798.5  | 666.7  | 545.4  | 451.7  | 57.0 |
| 31°   | 1688.8 | 1642.9 | 1567.5 | 1461.9 | 1302.6 | 1135.5 | 955.2  | 795.9  | 642.5  | 519.2  | 59.7 |
| 32°   | 1980.5 | 1976.6 | 1888.7 | 1728.8 | 1568.8 | 1362.3 | 1138.7 | 930.9  | 742.8  | 587.4  | 61.6 |
| 33°   | 2324.7 | 2298.5 | 2174.6 | 2023.8 | 1812.0 | 1604.2 | 1315.8 | 1078.4 | 845.7  | 663.4  | 62.9 |
| 34°   | 2600.7 | 2529.9 | 2478.8 | 2306.3 | 2082.8 | 1817.9 | 1509.2 | 1234.5 | 974.2  | 736.9  | 63.6 |
| 35°   | 2803.3 | 2788.2 | 2688.5 | 2527.9 | 2300.4 | 2029.7 | 1717.6 | 1396.4 | 1081.7 | 822.1  | 63.6 |
| 36°   | 3017.6 | 2971.1 | 2874.1 | 2728.5 | 2506.9 | 2227.0 | 1876.9 | 1536.7 | 1206.9 | 898.8  | 62.9 |
| 37°   | 3152.0 | 3124.5 | 3028.1 | 2878.0 | 2661.0 | 2393.5 | 2055.3 | 1684.8 | 1306.6 | 975.5  | 61.6 |
| 38°   | 3290.4 | 3234.6 | 3139.6 | 2996.0 | 2782.9 | 2531.9 | 2184.4 | 1798.9 | 1398.4 | 1043.0 | 59.7 |
| 39°   | 3386.1 | 3328.4 | 3231.4 | 3088.4 | 2880.0 | 2630.9 | 2286.7 | 1895.9 | 1478.3 | 1093.5 | 57.0 |
| 40°   | 3458.2 | 3402.5 | 3304.1 | 3157.3 | 2951.4 | 2708.9 | 2371.9 | 1981.8 | 1545.2 | 1137.4 | 53.8 |
| 41°   | 3502.8 | 3451.0 | 3353.3 | 3207.1 | 3000.6 | 2753.4 | 2427.6 | 2037.6 | 1590.4 | 1166.9 | 50.5 |
| 42°   | 3540.1 | 3487.0 | 3387.4 | 3237.9 | 3030.8 | 2791.5 | 2461.7 | 2073.0 | 1621.3 | 1182.0 | 47.9 |
| 43°   | 3561.1 | 3508.0 | 3411.0 | 3258.2 | 3049.1 | 2809.2 | 2480.1 | 2089.3 | 1631.7 | 1180.0 | 43.3 |
| 44°   | 3572.9 | 3517.9 | 3420.2 | 3267.4 | 3057.0 | 2813.8 | 2481.4 | 2086.1 | 1624.5 | 1164.3 | 39.3 |
| 45°   | 3559.8 | 3505.4 | 3411.0 | 3258.2 | 3043.2 | 2799.3 | 2468.3 | 2068.4 | 1597.0 | 1133.5 | 34.7 |
| 46°   | 3474.6 | 3432.6 | 3346.1 | 3205.8 | 2999.9 | 2762.6 | 2434.8 | 2034.3 | 1554.4 | 1095.5 | 29.5 |
| 47°   | 3324.5 | 3291.0 | 3207.1 | 3102.9 | 2916.7 | 2695.1 | 2373.2 | 1969.4 | 1494.7 | 1038.4 | 23.6 |
| 48°   | 3167.8 | 3118.6 | 3040.6 | 2933.7 | 2776.4 | 2573.8 | 2271.6 | 1874.3 | 1404.3 | 963.7  | 21.0 |
| 49°   | 2936.4 | 2907.5 | 2838.7 | 2719.4 | 2588.9 | 2410.6 | 2128.0 | 1752.4 | 1293.5 | 882.4  | 18.4 |
| 50°   | 2723.9 | 2704.3 | 2607.9 | 2520.1 | 2381.7 | 2215.2 | 1933.3 | 1591.8 | 1155.8 | 781.5  | 16.4 |
| 51°   | 2558.1 | 2534.5 | 2465.0 | 2355.5 | 2208.0 | 2014.6 | 1749.1 | 1383.3 | 997.8  | 661.5  | 13.1 |
| 52°   | 2385.0 | 2371.9 | 2310.3 | 2197.5 | 2052.6 | 1859.9 | 1570.1 | 1206.3 | 844.4  | 559.2  | 10.5 |
| 53°   | 2243.4 | 2224.4 | 2149.0 | 2048.7 | 1892.0 | 1692.7 | 1376.1 | 1041.7 | 715.2  | 470.1  | 9.2  |
| 54°   | 2036.9 | 2029.0 | 1980.5 | 1875.6 | 1705.8 | 1488.8 | 1200.4 | 877.2  | 596.6  | 398.6  | 7.9  |
| 55°   | 1817.3 | 1791.1 | 1741.9 | 1658.6 | 1502.6 | 1300.0 | 997.1  | 727.0  | 482.5  | 335.7  | 5.9  |
| 56°   | 1549.8 | 1548.5 | 1460.6 | 1391.1 | 1252.8 | 1037.8 | 796.5  | 567.7  | 392.0  | 279.9  | 5.2  |
| 57°   | 1294.1 | 1252.8 | 1168.2 | 1099.4 | 950.6  | 787.4  | 591.3  | 425.5  | 306.8  | 226.8  | 3.9  |
| 58°   | 957.2  | 935.5  | 913.2  | 812.3  | 674.6  | 557.9  | 422.2  | 298.9  | 226.8  | 173.1  | 2.6  |
| 59°   | 649.7  | 649.0  | 622.8  | 546.1  | 466.8  | 347.5  | 263.5  | 203.2  | 156.0  | 127.2  | 2.0  |
| 60°   | 490.4  | 478.6  | 426.1  | 375.6  | 293.7  | 219.6  | 156.0  | 120.0  | 97.0   | 81.9   | 1.3  |
| 62.5° | 171.8  | 178.3  | 156.7  | 129.8  | 99.0   | 81.3   | 62.3   | 50.5   | 41.3   | 33.4   | 0.0  |
| 65°   | 35.4   | 38.7   | 33.4   | 31.5   | 24.9   | 21.6   | 19.0   | 16.4   | 13.8   | 11.8   | 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° | 4.6 | 3.9  | 3.9 | 3.9  | 3.3 | 3.3   | 3.3 | 3.3   | 2.6 | 2.6   | 0.7 |
| 70°   | 2.0 | 2.0  | 2.0 | 2.0  | 2.0 | 2.0   | 1.3 | 1.3   | 1.3 | 1.3   | 0.7 |
| 72.5° | 2.0 | 2.0  | 2.0 | 1.3  | 1.3 | 1.3   | 1.3 | 1.3   | 1.3 | 0.7   | 0.7 |
| 75°   | 1.3 | 1.3  | 1.3 | 1.3  | 1.3 | 1.3   | 1.3 | 0.7   | 0.7 | 0.7   | 0.7 |
| 77.5° | 1.3 | 1.3  | 1.3 | 1.3  | 1.3 | 1.3   | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 |
| 80°   | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 |
| 82.5° | 0.7 | 0.7  | 0.7 | 0.7  | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 | 0.7   | 1.3 |
| 85°   | 0.7 | 0.7  | 0.7 | 0.0  | 0.0 | 0.7   | 0.7 | 0.7   | 0.7 | 0.7   | 0.7 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.7 |
| 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°    | 38.0  | 38.0 | 38.0   | 38.0 | 38.0   | 38.0 |
| 2.5°  | 40.0  | 38.7 | 36.7   | 36.1 | 35.4   | 35.4 |
| 5°    | 39.3  | 36.7 | 34.7   | 32.8 | 32.1   | 32.1 |
| 7.5°  | 37.4  | 34.1 | 31.5   | 30.2 | 29.5   | 28.8 |
| 10°   | 35.4  | 30.8 | 28.2   | 26.9 | 26.9   | 26.9 |
| 12.5° | 31.5  | 27.5 | 24.9   | 24.3 | 24.9   | 24.9 |
| 15°   | 28.2  | 23.6 | 22.3   | 22.3 | 22.9   | 23.6 |
| 17.5° | 24.3  | 21.0 | 19.7   | 20.3 | 21.0   | 21.6 |
| 20°   | 21.6  | 17.7 | 17.7   | 18.4 | 20.3   | 20.3 |
| 22.5° | 19.0  | 15.7 | 15.7   | 17.7 | 19.0   | 19.7 |
| 25°   | 17.0  | 13.8 | 14.4   | 16.4 | 18.4   | 19.0 |
| 27.5° | 14.4  | 11.8 | 13.1   | 15.7 | 17.7   | 18.4 |
| 30°   | 12.5  | 10.5 | 12.5   | 15.1 | 17.0   | 18.4 |
| 31°   | 11.8  | 9.8  | 12.5   | 14.4 | 17.0   | 18.4 |
| 32°   | 10.5  | 9.8  | 11.8   | 14.4 | 17.0   | 17.7 |
| 33°   | 9.8   | 9.2  | 11.8   | 14.4 | 17.0   | 17.7 |
| 34°   | 9.2   | 8.5  | 11.1   | 14.4 | 17.0   | 17.7 |
| 35°   | 7.9   | 8.5  | 11.1   | 13.8 | 16.4   | 17.7 |
| 36°   | 7.2   | 7.9  | 11.1   | 13.8 | 16.4   | 17.7 |
| 37°   | 6.6   | 7.9  | 10.5   | 13.8 | 16.4   | 17.7 |
| 38°   | 5.9   | 7.2  | 10.5   | 13.8 | 16.4   | 17.7 |
| 39°   | 5.2   | 7.2  | 9.8    | 13.8 | 16.4   | 17.7 |
| 40°   | 4.6   | 6.6  | 9.8    | 13.1 | 16.4   | 17.7 |
| 41°   | 4.6   | 6.6  | 9.8    | 13.1 | 16.4   | 17.7 |
| 42°   | 3.9   | 6.6  | 9.8    | 13.1 | 16.4   | 17.7 |
| 43°   | 3.3   | 5.9  | 9.8    | 13.1 | 16.4   | 17.7 |
| 44°   | 2.6   | 5.9  | 9.2    | 13.1 | 16.4   | 17.7 |
| 45°   | 2.6   | 5.9  | 9.2    | 13.1 | 16.4   | 17.7 |
| 46°   | 2.0   | 5.2  | 9.2    | 13.1 | 16.4   | 17.7 |
| 47°   | 1.3   | 5.2  | 9.2    | 12.5 | 16.4   | 17.7 |
| 48°   | 1.3   | 5.2  | 9.2    | 12.5 | 16.4   | 17.7 |
| 49°   | 1.3   | 5.2  | 8.5    | 12.5 | 16.4   | 17.7 |
| 50°   | 1.3   | 5.2  | 8.5    | 12.5 | 16.4   | 17.7 |
| 51°   | 0.7   | 4.6  | 8.5    | 12.5 | 16.4   | 17.7 |
| 52°   | 0.7   | 4.6  | 8.5    | 12.5 | 16.4   | 18.4 |
| 53°   | 0.7   | 4.6  | 8.5    | 12.5 | 16.4   | 17.7 |
| 54°   | 0.7   | 4.6  | 7.9    | 12.5 | 16.4   | 17.7 |
| 55°   | 0.7   | 4.6  | 7.9    | 12.5 | 16.4   | 17.7 |
| 56°   | 0.7   | 3.9  | 7.9    | 11.8 | 16.4   | 17.7 |
| 57°   | 1.3   | 3.9  | 7.9    | 11.8 | 16.4   | 17.0 |
| 58°   | 1.3   | 3.9  | 7.9    | 11.8 | 15.7   | 17.0 |
| 59°   | 1.3   | 3.9  | 7.9    | 11.8 | 15.7   | 17.0 |
| 60°   | 1.3   | 3.9  | 7.2    | 11.8 | 15.7   | 17.0 |
| 62.5° | 1.3   | 3.9  | 7.2    | 11.1 | 15.1   | 16.4 |
| 65°   | 1.3   | 3.9  | 6.6    | 10.5 | 15.1   | 15.7 |



TEST NUMBER: P1313224

CATALOG NUMBER: P3SQAS09R259730DE010 E3SQCA451MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.3   | 3.3 | 6.6    | 9.8  | 14.4   | 15.1 |
| 70°   | 2.0   | 3.3 | 5.9    | 9.8  | 13.8   | 14.4 |
| 72.5° | 2.0   | 3.3 | 5.9    | 8.5  | 12.5   | 13.8 |
| 75°   | 2.0   | 3.3 | 5.2    | 7.9  | 11.8   | 12.5 |
| 77.5° | 2.0   | 3.3 | 4.6    | 7.2  | 10.5   | 11.1 |
| 80°   | 2.6   | 3.3 | 3.9    | 5.9  | 9.2    | 9.8  |
| 82.5° | 2.6   | 3.3 | 3.3    | 4.6  | 7.2    | 7.9  |
| 85°   | 2.0   | 2.6 | 2.6    | 3.3  | 4.6    | 5.2  |
| 87.5° | 2.0   | 2.6 | 2.0    | 1.3  | 2.6    | 2.6  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)