

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: P1316077

Luminaire Tested: P3SQAS09R259827DE010 E3SQCA451MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1316077  
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: P3SQAS09R259827DE010 E3SQCA451MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3SQCA451MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

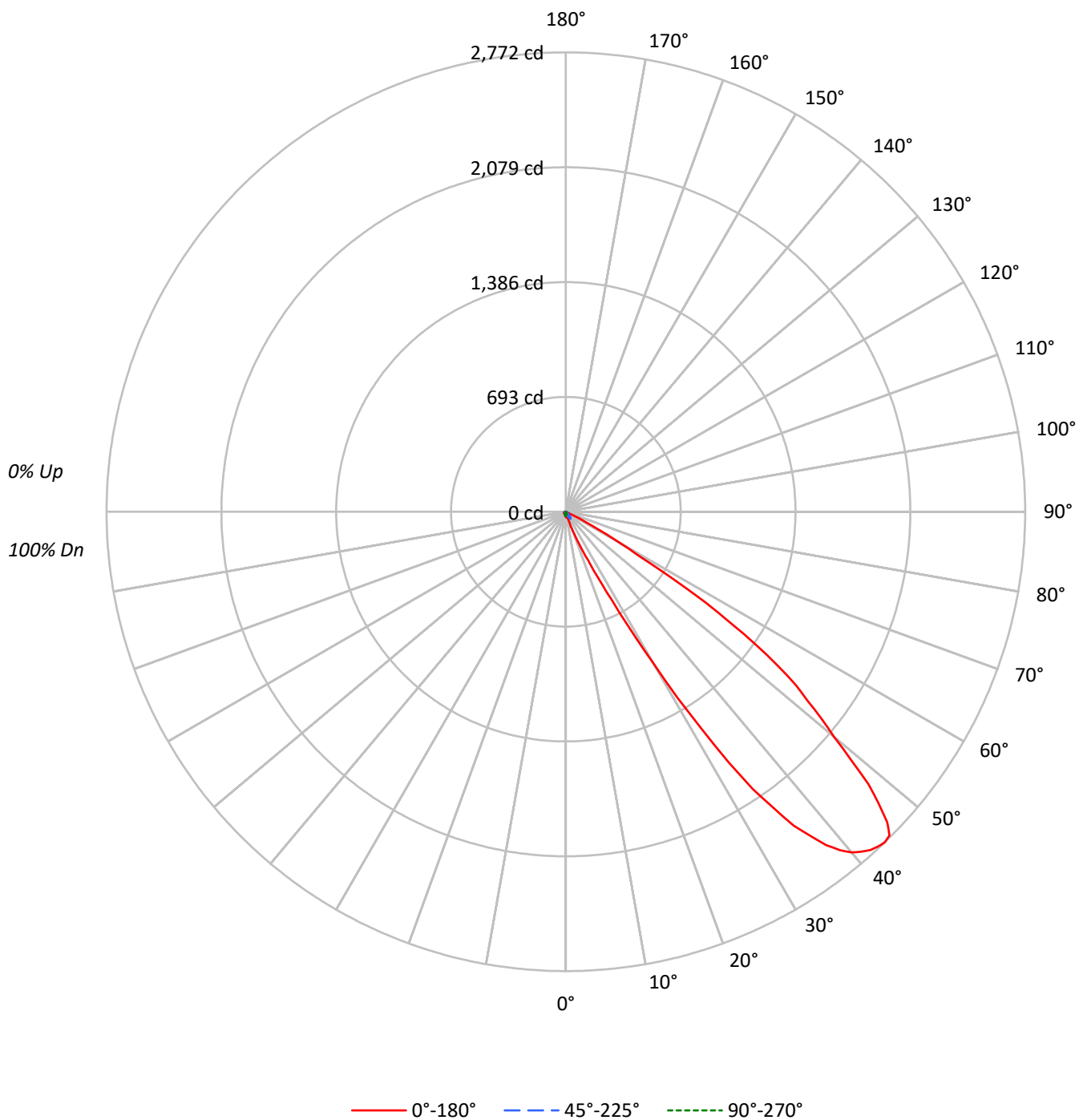
Lumens per Lamp: N/A  
Luminaire Lumens: 578.0 lumens  
Efficiency: N/A  
Efficacy: 52.5 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11  
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   | 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°  | 5081   | 5081  | 5081 | 5081 | 5081 |
| 5°  | 5809   | 5532  | 4927 | 4391 | 4305 |
| 10° | 5789   | 5246  | 4180 | 3655 | 3655 |
| 15° | 6437   | 4529  | 3263 | 3085 | 3263 |
| 20° | 22744  | 4472  | 2511 | 2603 | 2896 |
| 25° | 65426  | 5701  | 2033 | 2413 | 2812 |
| 30° | 208769 | 8810  | 1611 | 2327 | 2824 |
| 35° | 457262 | 10365 | 1388 | 2250 | 2880 |
| 40° | 603194 | 9375  | 1147 | 2293 | 3080 |
| 45° | 672663 | 6576  | 1120 | 2484 | 3337 |
| 50° | 566218 | 3403  | 1099 | 2599 | 3671 |
| 55° | 423338 | 1381  | 1081 | 2913 | 4114 |
| 60° | 131061 | 344   | 1068 | 3169 | 4547 |
| 65° | 11207  | 0     | 1263 | 3301 | 4972 |
| 70° | 755    | 252   | 1259 | 3827 | 5640 |
| 75° | 665    | 333   | 1664 | 4059 | 6455 |
| 80° | 496    | 496   | 2479 | 4562 | 7538 |
| 85° | 988    | 988   | 3952 | 4940 | 8102 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 672663 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.6    | 0.5       |
| 10°-20°   | 6.8    | 1.2       |
| 20°-30°   | 32.0   | 5.5       |
| 30°-40°   | 154.0  | 26.6      |
| 40°-50°   | 241.3  | 41.8      |
| 50°-60°   | 123.7  | 21.4      |
| 60°-70°   | 11.7   | 2.0       |
| 70°-80°   | 3.9    | 0.7       |
| 80°-90°   | 2.0    | 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°    | 41.4   | 7.2       |
| 0°-40°    | 195.4  | 33.8      |
| 0°-60°    | 560.4  | 97.0      |
| 0°-90°    | 578.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 578.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 30   | 30  | 30  | 30   | 30   |      |
| 5°  | 34   | 32  | 28  | 25   | 25   | 3    |
| 15° | 36   | 25  | 18  | 17   | 18   | 15   |
| 25° | 344  | 30  | 11  | 13   | 15   | 214  |
| 35° | 2175 | 49  | 7   | 11   | 14   | 1320 |
| 45° | 2762 | 27  | 5   | 10   | 14   | 2021 |
| 55° | 1410 | 5   | 4   | 10   | 14   | 1174 |
| 65° | 28   | 0   | 3   | 8    | 12   | 86   |
| 75° | 1    | 0   | 2   | 6    | 10   | 1    |
| 85° | 0    | 0   | 2   | 2    | 4    | 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°    | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5   | 29.5  | 29.5 |
| 2.5°  | 32.0   | 32.0   | 32.0   | 32.0   | 32.0   | 32.0   | 31.5   | 31.5   | 32.0   | 31.5  | 31.5 |
| 5°    | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 33.1   | 33.1   | 33.1  | 32.0 |
| 7.5°  | 34.1   | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 33.6   | 33.1   | 33.1  | 31.5 |
| 10°   | 33.1   | 33.1   | 33.1   | 33.1   | 32.6   | 32.6   | 32.6   | 32.0   | 32.0   | 32.0  | 30.0 |
| 12.5° | 33.1   | 33.1   | 33.1   | 33.1   | 32.6   | 32.6   | 32.0   | 32.0   | 31.5   | 31.0  | 27.5 |
| 15°   | 36.1   | 36.1   | 36.1   | 35.6   | 35.1   | 34.6   | 34.1   | 33.6   | 33.1   | 32.0  | 25.4 |
| 17.5° | 52.9   | 51.4   | 50.9   | 48.8   | 46.3   | 43.7   | 41.7   | 39.7   | 37.6   | 36.1  | 24.4 |
| 20°   | 124.1  | 123.6  | 121.1  | 114.9  | 108.3  | 100.7  | 93.1   | 84.4   | 72.2   | 64.1  | 24.4 |
| 22.5° | 215.1  | 212.1  | 207.5  | 202.9  | 191.2  | 177.5  | 163.3  | 147.0  | 131.2  | 114.4 | 25.9 |
| 25°   | 344.3  | 351.5  | 336.2  | 324.0  | 303.6  | 278.7  | 251.8  | 229.4  | 200.9  | 174.5 | 30.0 |
| 27.5° | 598.7  | 603.2  | 573.2  | 533.5  | 486.2  | 433.9  | 383.0  | 344.8  | 297.0  | 253.3 | 37.6 |
| 30°   | 1049.8 | 1054.4 | 1004.0 | 919.6  | 821.9  | 736.0  | 619.5  | 517.3  | 423.2  | 350.4 | 44.3 |
| 31°   | 1310.2 | 1274.6 | 1216.1 | 1134.2 | 1010.6 | 880.9  | 741.1  | 617.5  | 498.5  | 402.8 | 46.3 |
| 32°   | 1536.6 | 1533.5 | 1465.4 | 1341.2 | 1217.1 | 1056.9 | 883.5  | 722.2  | 576.3  | 455.7 | 47.8 |
| 33°   | 1803.6 | 1783.2 | 1687.1 | 1570.1 | 1405.8 | 1244.6 | 1020.8 | 836.7  | 656.1  | 514.7 | 48.8 |
| 34°   | 2017.7 | 1962.8 | 1923.1 | 1789.3 | 1615.9 | 1410.4 | 1170.9 | 957.7  | 755.8  | 571.7 | 49.3 |
| 35°   | 2174.9 | 2163.2 | 2085.9 | 1961.3 | 1784.8 | 1574.7 | 1332.6 | 1083.4 | 839.2  | 637.8 | 49.3 |
| 36°   | 2341.2 | 2305.1 | 2229.8 | 2116.9 | 1945.0 | 1727.8 | 1456.2 | 1192.2 | 936.4  | 697.3 | 48.8 |
| 37°   | 2445.5 | 2424.1 | 2349.3 | 2232.9 | 2064.5 | 1857.0 | 1594.5 | 1307.2 | 1013.7 | 756.8 | 47.8 |
| 38°   | 2552.8 | 2509.6 | 2435.8 | 2324.4 | 2159.1 | 1964.3 | 1694.7 | 1395.7 | 1084.9 | 809.2 | 46.3 |
| 39°   | 2627.1 | 2582.3 | 2507.0 | 2396.1 | 2234.4 | 2041.1 | 1774.1 | 1470.9 | 1147.0 | 848.4 | 44.3 |
| 40°   | 2683.0 | 2639.8 | 2563.5 | 2449.5 | 2289.8 | 2101.6 | 1840.2 | 1537.6 | 1198.8 | 882.5 | 41.7 |
| 41°   | 2717.6 | 2677.4 | 2601.6 | 2488.2 | 2328.0 | 2136.2 | 1883.4 | 1580.8 | 1233.9 | 905.4 | 39.2 |
| 42°   | 2746.6 | 2705.4 | 2628.1 | 2512.1 | 2351.4 | 2165.7 | 1909.9 | 1608.3 | 1257.8 | 917.1 | 37.1 |
| 43°   | 2762.9 | 2721.7 | 2646.4 | 2527.9 | 2365.6 | 2179.5 | 1924.1 | 1621.0 | 1266.0 | 915.5 | 33.6 |
| 44°   | 2772.0 | 2729.3 | 2653.5 | 2535.0 | 2371.7 | 2183.0 | 1925.2 | 1618.4 | 1260.4 | 903.3 | 30.5 |
| 45°   | 2761.8 | 2719.6 | 2646.4 | 2527.9 | 2361.0 | 2171.8 | 1915.0 | 1604.7 | 1239.0 | 879.4 | 27.0 |
| 46°   | 2695.7 | 2663.2 | 2596.0 | 2487.2 | 2327.5 | 2143.4 | 1889.0 | 1578.3 | 1206.0 | 849.9 | 22.9 |
| 47°   | 2579.2 | 2553.3 | 2488.2 | 2407.3 | 2262.9 | 2091.0 | 1841.2 | 1527.9 | 1159.7 | 805.7 | 18.3 |
| 48°   | 2457.7 | 2419.5 | 2359.0 | 2276.1 | 2154.0 | 1996.9 | 1762.4 | 1454.2 | 1089.5 | 747.7 | 16.3 |
| 49°   | 2278.1 | 2255.8 | 2202.4 | 2109.8 | 2008.6 | 1870.2 | 1651.0 | 1359.6 | 1003.5 | 684.6 | 14.2 |
| 50°   | 2113.3 | 2098.1 | 2023.3 | 1955.2 | 1847.8 | 1718.6 | 1499.9 | 1234.9 | 896.7  | 606.3 | 12.7 |
| 51°   | 1984.7 | 1966.3 | 1912.4 | 1827.5 | 1713.1 | 1563.0 | 1357.0 | 1073.2 | 774.1  | 513.2 | 10.2 |
| 52°   | 1850.4 | 1840.2 | 1792.4 | 1704.9 | 1592.5 | 1443.0 | 1218.2 | 935.9  | 655.1  | 433.9 | 8.1  |
| 53°   | 1740.5 | 1725.8 | 1667.3 | 1589.5 | 1467.9 | 1313.3 | 1067.6 | 808.2  | 554.9  | 364.7 | 7.1  |
| 54°   | 1580.3 | 1574.2 | 1536.6 | 1455.2 | 1323.4 | 1155.1 | 931.3  | 680.5  | 462.9  | 309.2 | 6.1  |
| 55°   | 1409.9 | 1389.6 | 1351.4 | 1286.8 | 1165.8 | 1008.6 | 773.6  | 564.1  | 374.3  | 260.4 | 4.6  |
| 56°   | 1202.4 | 1201.4 | 1133.2 | 1079.3 | 972.0  | 805.2  | 618.0  | 440.5  | 304.2  | 217.2 | 4.1  |
| 57°   | 1004.0 | 972.0  | 906.4  | 853.0  | 737.5  | 610.9  | 458.8  | 330.1  | 238.0  | 176.0 | 3.1  |
| 58°   | 742.6  | 725.8  | 708.5  | 630.2  | 523.4  | 432.8  | 327.6  | 231.9  | 176.0  | 134.3 | 2.0  |
| 59°   | 504.0  | 503.5  | 483.2  | 423.7  | 362.1  | 269.6  | 204.5  | 157.7  | 121.1  | 98.7  | 1.5  |
| 60°   | 380.5  | 371.3  | 330.6  | 291.4  | 227.9  | 170.4  | 121.1  | 93.1   | 75.3   | 63.6  | 1.0  |
| 62.5° | 133.3  | 138.3  | 121.6  | 100.7  | 76.8   | 63.1   | 48.3   | 39.2   | 32.0   | 25.9  | 0.0  |
| 65°   | 27.5   | 30.0   | 25.9   | 24.4   | 19.3   | 16.8   | 14.8   | 12.7   | 10.7   | 9.2   | 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° | 3.6 | 3.1  | 3.1 | 3.1  | 2.5 | 2.5   | 2.5 | 2.5   | 2.0 | 2.0   | 0.5 |
| 70°   | 1.5 | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.0 | 1.0   | 1.0 | 1.0   | 0.5 |
| 72.5° | 1.5 | 1.5  | 1.5 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 0.5   | 0.5 |
| 75°   | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 0.5   | 0.5 | 0.5   | 0.5 |
| 77.5° | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 80°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 |
| 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 | 0.0  | 0.0 | 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°    | 29.5  | 29.5 | 29.5   | 29.5 | 29.5   | 29.5 |
| 2.5°  | 31.0  | 30.0 | 28.5   | 28.0 | 27.5   | 27.5 |
| 5°    | 30.5  | 28.5 | 27.0   | 25.4 | 24.9   | 24.9 |
| 7.5°  | 29.0  | 26.4 | 24.4   | 23.4 | 22.9   | 22.4 |
| 10°   | 27.5  | 23.9 | 21.9   | 20.9 | 20.9   | 20.9 |
| 12.5° | 24.4  | 21.4 | 19.3   | 18.8 | 19.3   | 19.3 |
| 15°   | 21.9  | 18.3 | 17.3   | 17.3 | 17.8   | 18.3 |
| 17.5° | 18.8  | 16.3 | 15.3   | 15.8 | 16.3   | 16.8 |
| 20°   | 16.8  | 13.7 | 13.7   | 14.2 | 15.8   | 15.8 |
| 22.5° | 14.8  | 12.2 | 12.2   | 13.7 | 14.8   | 15.3 |
| 25°   | 13.2  | 10.7 | 11.2   | 12.7 | 14.2   | 14.8 |
| 27.5° | 11.2  | 9.2  | 10.2   | 12.2 | 13.7   | 14.2 |
| 30°   | 9.7   | 8.1  | 9.7    | 11.7 | 13.2   | 14.2 |
| 31°   | 9.2   | 7.6  | 9.7    | 11.2 | 13.2   | 14.2 |
| 32°   | 8.1   | 7.6  | 9.2    | 11.2 | 13.2   | 13.7 |
| 33°   | 7.6   | 7.1  | 9.2    | 11.2 | 13.2   | 13.7 |
| 34°   | 7.1   | 6.6  | 8.6    | 11.2 | 13.2   | 13.7 |
| 35°   | 6.1   | 6.6  | 8.6    | 10.7 | 12.7   | 13.7 |
| 36°   | 5.6   | 6.1  | 8.6    | 10.7 | 12.7   | 13.7 |
| 37°   | 5.1   | 6.1  | 8.1    | 10.7 | 12.7   | 13.7 |
| 38°   | 4.6   | 5.6  | 8.1    | 10.7 | 12.7   | 13.7 |
| 39°   | 4.1   | 5.6  | 7.6    | 10.7 | 12.7   | 13.7 |
| 40°   | 3.6   | 5.1  | 7.6    | 10.2 | 12.7   | 13.7 |
| 41°   | 3.6   | 5.1  | 7.6    | 10.2 | 12.7   | 13.7 |
| 42°   | 3.1   | 5.1  | 7.6    | 10.2 | 12.7   | 13.7 |
| 43°   | 2.5   | 4.6  | 7.6    | 10.2 | 12.7   | 13.7 |
| 44°   | 2.0   | 4.6  | 7.1    | 10.2 | 12.7   | 13.7 |
| 45°   | 2.0   | 4.6  | 7.1    | 10.2 | 12.7   | 13.7 |
| 46°   | 1.5   | 4.1  | 7.1    | 10.2 | 12.7   | 13.7 |
| 47°   | 1.0   | 4.1  | 7.1    | 9.7  | 12.7   | 13.7 |
| 48°   | 1.0   | 4.1  | 7.1    | 9.7  | 12.7   | 13.7 |
| 49°   | 1.0   | 4.1  | 6.6    | 9.7  | 12.7   | 13.7 |
| 50°   | 1.0   | 4.1  | 6.6    | 9.7  | 12.7   | 13.7 |
| 51°   | 0.5   | 3.6  | 6.6    | 9.7  | 12.7   | 13.7 |
| 52°   | 0.5   | 3.6  | 6.6    | 9.7  | 12.7   | 14.2 |
| 53°   | 0.5   | 3.6  | 6.6    | 9.7  | 12.7   | 13.7 |
| 54°   | 0.5   | 3.6  | 6.1    | 9.7  | 12.7   | 13.7 |
| 55°   | 0.5   | 3.6  | 6.1    | 9.7  | 12.7   | 13.7 |
| 56°   | 0.5   | 3.1  | 6.1    | 9.2  | 12.7   | 13.7 |
| 57°   | 1.0   | 3.1  | 6.1    | 9.2  | 12.7   | 13.2 |
| 58°   | 1.0   | 3.1  | 6.1    | 9.2  | 12.2   | 13.2 |
| 59°   | 1.0   | 3.1  | 6.1    | 9.2  | 12.2   | 13.2 |
| 60°   | 1.0   | 3.1  | 5.6    | 9.2  | 12.2   | 13.2 |
| 62.5° | 1.0   | 3.1  | 5.6    | 8.6  | 11.7   | 12.7 |
| 65°   | 1.0   | 3.1  | 5.1    | 8.1  | 11.7   | 12.2 |



TEST NUMBER: P1316077

CATALOG NUMBER: P3SQAS09R259827DE010 E3SQCA451MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.0   | 2.5 | 5.1    | 7.6  | 11.2   | 11.7 |
| 70°   | 1.5   | 2.5 | 4.6    | 7.6  | 10.7   | 11.2 |
| 72.5° | 1.5   | 2.5 | 4.6    | 6.6  | 9.7    | 10.7 |
| 75°   | 1.5   | 2.5 | 4.1    | 6.1  | 9.2    | 9.7  |
| 77.5° | 1.5   | 2.5 | 3.6    | 5.6  | 8.1    | 8.6  |
| 80°   | 2.0   | 2.5 | 3.1    | 4.6  | 7.1    | 7.6  |
| 82.5° | 2.0   | 2.5 | 2.5    | 3.6  | 5.6    | 6.1  |
| 85°   | 1.5   | 2.0 | 2.0    | 2.5  | 3.6    | 4.1  |
| 87.5° | 1.5   | 2.0 | 1.5    | 1.0  | 2.0    | 2.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)