

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: P1306040

Luminaire Tested: P3SQAS17R209024DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1306040  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-74)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS17R209024DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

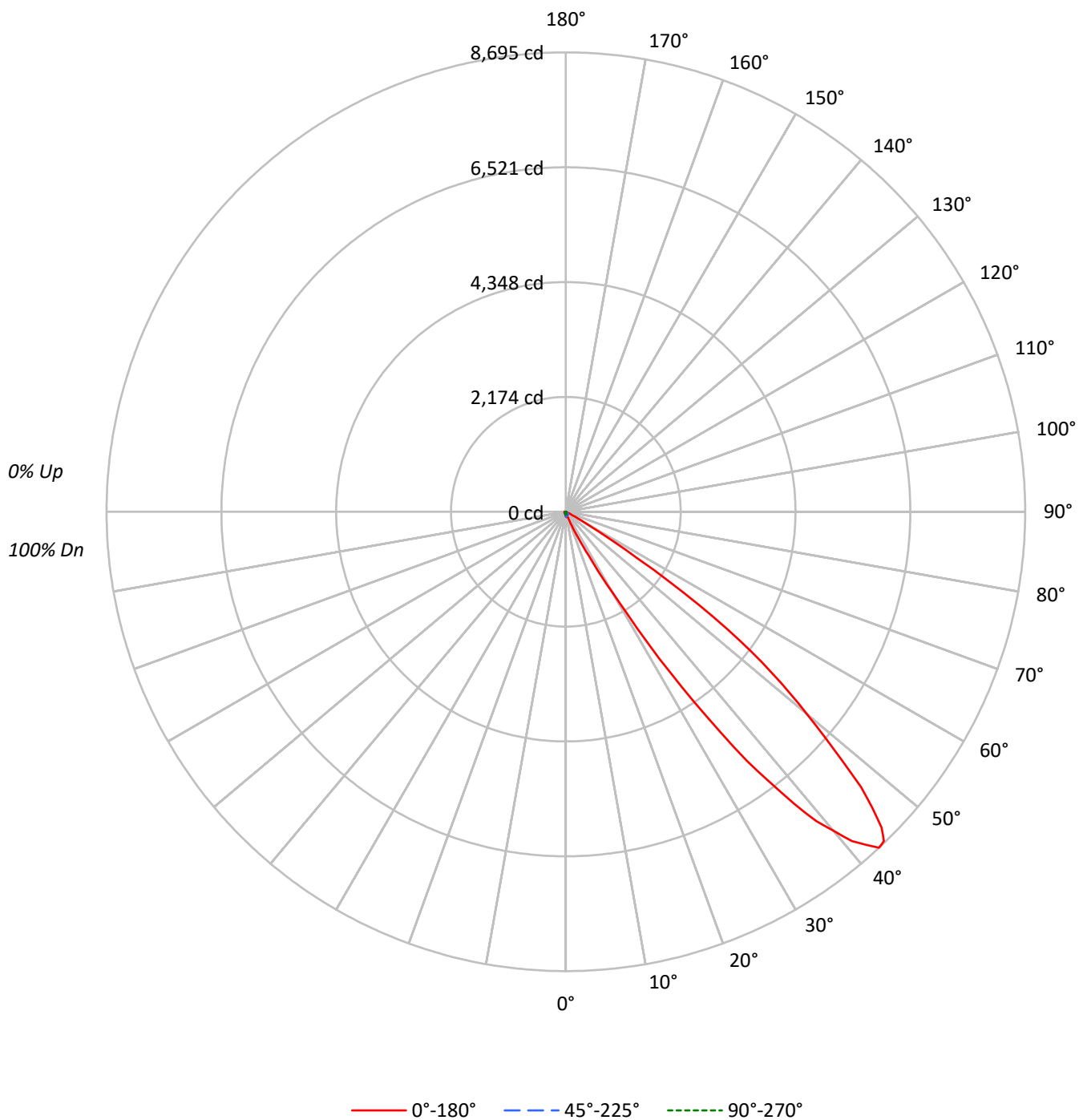
Lumens per Lamp: N/A  
Luminaire Lumens: 1208.0 lumens  
Efficiency: N/A  
Efficacy: 57.0 lumens/watt  
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.13  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.2  
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: P1306040

CATALOG NUMBER: P3SQAS17R209024DE010 E3SQCA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1306040

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

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 14467   | 14467 | 14467 | 14467 | 14467 |
| 5°  | 16873   | 15698 | 13537 | 11773 | 11376 |
| 10° | 16683   | 14288 | 10720 | 9129  | 8936  |
| 15° | 14567   | 10930 | 7899  | 7292  | 7685  |
| 20° | 21645   | 9164  | 5828  | 6250  | 6873  |
| 25° | 93189   | 9501  | 4523  | 5606  | 6689  |
| 30° | 352410  | 11514 | 3838  | 5409  | 6543  |
| 35° | 1068318 | 13834 | 3574  | 5487  | 6917  |
| 40° | 1771520 | 13782 | 3058  | 5868  | 7397  |
| 45° | 2059077 | 9401  | 2777  | 6089  | 8013  |
| 50° | 1598395 | 5171  | 2733  | 6377  | 9136  |
| 55° | 925104  | 3423  | 2732  | 7146  | 9879  |
| 60° | 156413  | 792   | 2342  | 7440  | 10953 |
| 65° | 12022   | 0     | 2771  | 8313  | 12511 |
| 70° | 1712    | 0     | 3424  | 9165  | 14301 |
| 75° | 1530    | 732   | 3793  | 10580 | 16635 |
| 80° | 1091    | 1091  | 5653  | 11306 | 19142 |
| 85° | 2174    | 2174  | 8892  | 11263 | 20156 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2059077 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 7.2    | 0.6       |
| 10°-20°   | 15.1   | 1.3       |
| 20°-30°   | 48.2   | 4.0       |
| 30°-40°   | 308.0  | 25.5      |
| 40°-50°   | 563.9  | 46.7      |
| 50°-60°   | 231.7  | 19.2      |
| 60°-70°   | 19.5   | 1.6       |
| 70°-80°   | 9.7    | 0.8       |
| 80°-90°   | 4.6    | 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°    | 70.6   | 5.8       |
| 0°-40°    | 378.6  | 31.3      |
| 0°-60°    | 1174.1 | 97.2      |
| 0°-90°    | 1208.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1208.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 84   | 84  | 84  | 84   | 84   |      |
| 5°  | 98   | 91  | 78  | 68   | 66   | 9    |
| 15° | 82   | 61  | 44  | 41   | 43   | 26   |
| 25° | 490  | 50  | 24  | 30   | 35   | 322  |
| 35° | 5081 | 66  | 17  | 26   | 33   | 3216 |
| 45° | 8454 | 39  | 11  | 25   | 33   | 6070 |
| 55° | 3081 | 11  | 9   | 24   | 33   | 2693 |
| 65° | 30   | 0   | 7   | 20   | 31   | 96   |
| 75° | 2    | 1   | 6   | 16   | 25   | 3    |
| 85° | 1    | 1   | 4   | 6    | 10   | 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°    | 84.0   | 84.0   | 84.0   | 84.0   | 84.0   | 84.0   | 84.0   | 84.0   | 84.0   | 84.0   | 84.0 |
| 2.5°  | 92.0   | 92.0   | 92.0   | 90.8   | 90.8   | 92.0   | 90.8   | 90.8   | 90.8   | 90.8   | 89.7 |
| 5°    | 97.6   | 97.6   | 97.6   | 97.6   | 97.6   | 97.6   | 97.6   | 96.5   | 96.5   | 95.4   | 90.8 |
| 7.5°  | 99.9   | 99.9   | 99.9   | 99.9   | 98.8   | 98.8   | 98.8   | 98.8   | 97.6   | 96.5   | 88.5 |
| 10°   | 95.4   | 95.4   | 95.4   | 94.2   | 94.2   | 94.2   | 93.1   | 93.1   | 92.0   | 90.8   | 81.7 |
| 12.5° | 86.3   | 86.3   | 86.3   | 86.3   | 85.1   | 85.1   | 84.0   | 84.0   | 82.9   | 81.7   | 71.5 |
| 15°   | 81.7   | 81.7   | 81.7   | 80.6   | 80.6   | 79.5   | 78.3   | 77.2   | 76.1   | 73.8   | 61.3 |
| 17.5° | 88.5   | 88.5   | 87.4   | 87.4   | 85.1   | 82.9   | 81.7   | 78.3   | 76.1   | 72.7   | 54.5 |
| 20°   | 118.1  | 119.2  | 114.7  | 111.3  | 109.0  | 102.2  | 98.8   | 93.1   | 88.5   | 82.9   | 50.0 |
| 22.5° | 238.4  | 233.9  | 225.9  | 213.4  | 198.7  | 186.2  | 163.5  | 145.3  | 132.8  | 115.8  | 48.8 |
| 25°   | 490.4  | 485.9  | 464.3  | 446.1  | 400.7  | 365.5  | 316.7  | 277.0  | 236.1  | 196.4  | 50.0 |
| 27.5° | 932.0  | 901.4  | 895.7  | 812.8  | 749.3  | 658.4  | 564.2  | 484.7  | 412.1  | 331.5  | 53.4 |
| 30°   | 1772.1 | 1736.9 | 1613.2 | 1488.3 | 1316.9 | 1122.7 | 937.7  | 765.1  | 621.0  | 490.4  | 57.9 |
| 31°   | 2248.9 | 2283.0 | 2137.7 | 1886.8 | 1633.6 | 1385.0 | 1131.8 | 912.7  | 726.6  | 564.2  | 60.2 |
| 32°   | 2956.2 | 2807.4 | 2654.2 | 2396.5 | 2028.7 | 1710.8 | 1392.9 | 1077.3 | 832.1  | 643.7  | 62.4 |
| 33°   | 3624.8 | 3537.4 | 3303.5 | 2982.3 | 2540.7 | 2094.5 | 1682.4 | 1271.5 | 961.5  | 740.2  | 63.6 |
| 34°   | 4337.7 | 4241.2 | 4051.7 | 3590.8 | 3106.0 | 2521.4 | 1971.9 | 1495.1 | 1115.9 | 834.4  | 64.7 |
| 35°   | 5081.3 | 5040.4 | 4674.9 | 4275.3 | 3679.3 | 2974.3 | 2320.4 | 1740.3 | 1266.9 | 920.7  | 65.8 |
| 36°   | 5829.4 | 5697.8 | 5411.7 | 4828.2 | 4206.1 | 3393.2 | 2686.0 | 1968.5 | 1420.2 | 1022.8 | 65.8 |
| 37°   | 6392.5 | 6363.0 | 5983.8 | 5415.1 | 4684.0 | 3840.5 | 3001.6 | 2221.7 | 1574.6 | 1110.3 | 65.8 |
| 38°   | 7013.5 | 6896.6 | 6511.7 | 5932.7 | 5133.5 | 4250.3 | 3331.9 | 2441.9 | 1721.0 | 1189.7 | 64.7 |
| 39°   | 7536.8 | 7363.1 | 6974.9 | 6402.7 | 5526.3 | 4561.4 | 3594.2 | 2655.3 | 1850.4 | 1255.6 | 63.6 |
| 40°   | 7879.7 | 7759.3 | 7354.1 | 6710.4 | 5882.8 | 4855.4 | 3859.8 | 2831.3 | 1946.9 | 1305.5 | 61.3 |
| 41°   | 8257.7 | 8057.9 | 7657.2 | 7010.1 | 6141.6 | 5114.2 | 4026.7 | 2947.1 | 2021.9 | 1338.4 | 59.0 |
| 42°   | 8483.6 | 8320.1 | 7844.5 | 7211.0 | 6326.7 | 5261.8 | 4162.9 | 3035.6 | 2067.3 | 1355.5 | 54.5 |
| 43°   | 8694.8 | 8472.3 | 8009.1 | 7328.0 | 6449.3 | 5366.3 | 4225.4 | 3076.5 | 2077.5 | 1355.5 | 48.8 |
| 44°   | 8666.4 | 8455.2 | 7975.0 | 7343.8 | 6476.5 | 5396.9 | 4251.5 | 3077.6 | 2061.6 | 1338.4 | 43.1 |
| 45°   | 8454.1 | 8244.1 | 7811.6 | 7205.3 | 6378.9 | 5336.7 | 4199.2 | 3032.2 | 2017.3 | 1308.9 | 38.6 |
| 46°   | 8064.7 | 7855.8 | 7524.3 | 6973.8 | 6197.3 | 5200.5 | 4077.8 | 2933.5 | 1943.5 | 1261.2 | 34.1 |
| 47°   | 7641.3 | 7438.1 | 7098.6 | 6600.3 | 5887.3 | 4957.6 | 3901.8 | 2795.0 | 1840.2 | 1192.0 | 30.7 |
| 48°   | 7027.1 | 6900.0 | 6559.4 | 6133.7 | 5457.1 | 4577.3 | 3593.0 | 2569.0 | 1701.7 | 1102.3 | 26.1 |
| 49°   | 6484.5 | 6350.5 | 6051.9 | 5594.4 | 4896.3 | 4134.5 | 3224.1 | 2294.3 | 1521.2 | 1002.4 | 22.7 |
| 50°   | 5965.7 | 5848.7 | 5572.9 | 5056.3 | 4390.0 | 3599.8 | 2725.7 | 1948.1 | 1294.2 | 878.7  | 19.3 |
| 51°   | 5458.2 | 5370.8 | 5089.3 | 4614.7 | 3938.1 | 3188.9 | 2361.3 | 1622.3 | 1069.4 | 728.8  | 18.2 |
| 52°   | 4948.5 | 4938.3 | 4632.9 | 4152.7 | 3498.8 | 2779.1 | 2007.1 | 1369.1 | 907.1  | 611.9  | 17.0 |
| 53°   | 4400.2 | 4334.3 | 4067.6 | 3636.2 | 3008.4 | 2352.2 | 1701.7 | 1154.5 | 781.0  | 521.1  | 14.8 |
| 54°   | 3775.8 | 3702.0 | 3415.9 | 3026.5 | 2457.8 | 1926.5 | 1371.4 | 933.2  | 650.5  | 440.5  | 13.6 |
| 55°   | 3081.0 | 2955.0 | 2747.3 | 2347.7 | 1919.7 | 1470.1 | 1059.2 | 739.0  | 519.9  | 366.7  | 11.4 |
| 56°   | 2337.5 | 2211.4 | 2094.5 | 1800.5 | 1408.8 | 1096.6 | 789.0  | 566.5  | 406.4  | 289.5  | 10.2 |
| 57°   | 1625.7 | 1618.8 | 1427.0 | 1201.1 | 942.2  | 747.0  | 540.4  | 399.6  | 287.2  | 224.8  | 7.9  |
| 58°   | 1054.6 | 1019.4 | 896.8  | 766.3  | 616.4  | 466.6  | 347.4  | 271.3  | 195.3  | 153.3  | 6.8  |
| 59°   | 739.0  | 668.7  | 602.8  | 510.9  | 388.3  | 294.0  | 223.6  | 173.7  | 135.1  | 106.7  | 4.5  |
| 60°   | 454.1  | 439.3  | 395.1  | 311.1  | 252.0  | 207.7  | 166.9  | 128.3  | 98.8   | 76.1   | 2.3  |
| 62.5° | 129.4  | 131.7  | 119.2  | 105.6  | 90.8   | 78.3   | 70.4   | 60.2   | 50.0   | 39.7   | 0.0  |
| 65°   | 29.5   | 28.4   | 30.7   | 28.4   | 26.1   | 26.1   | 22.7   | 20.4   | 18.2   | 17.0   | 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° | 9.1 | 9.1  | 7.9 | 7.9  | 7.9 | 6.8   | 6.8 | 5.7   | 5.7 | 4.5   | 0.0 |
| 70°   | 3.4 | 3.4  | 3.4 | 3.4  | 3.4 | 2.3   | 2.3 | 2.3   | 1.1 | 1.1   | 0.0 |
| 72.5° | 3.4 | 3.4  | 3.4 | 2.3  | 2.3 | 2.3   | 2.3 | 2.3   | 1.1 | 1.1   | 1.1 |
| 75°   | 2.3 | 2.3  | 2.3 | 2.3  | 2.3 | 2.3   | 2.3 | 1.1   | 1.1 | 1.1   | 1.1 |
| 77.5° | 2.3 | 2.3  | 2.3 | 2.3  | 2.3 | 1.1   | 2.3 | 1.1   | 1.1 | 1.1   | 1.1 |
| 80°   | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 |
| 82.5° | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 |
| 85°   | 1.1 | 1.1  | 1.1 | 1.1  | 0.0 | 0.0   | 1.1 | 1.1   | 1.1 | 0.0   | 1.1 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.1 |
| 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°    | 84.0  | 84.0 | 84.0   | 84.0 | 84.0   | 84.0 |
| 2.5°  | 87.4  | 82.9 | 79.5   | 76.1 | 74.9   | 74.9 |
| 5°    | 85.1  | 78.3 | 71.5   | 68.1 | 65.8   | 65.8 |
| 7.5°  | 78.3  | 70.4 | 63.6   | 60.2 | 59.0   | 59.0 |
| 10°   | 70.4  | 61.3 | 54.5   | 52.2 | 52.2   | 51.1 |
| 12.5° | 61.3  | 52.2 | 47.7   | 46.5 | 46.5   | 46.5 |
| 15°   | 51.1  | 44.3 | 40.9   | 40.9 | 42.0   | 43.1 |
| 17.5° | 43.1  | 36.3 | 35.2   | 37.5 | 39.7   | 39.7 |
| 20°   | 36.3  | 31.8 | 31.8   | 34.1 | 36.3   | 37.5 |
| 22.5° | 30.7  | 27.2 | 28.4   | 31.8 | 35.2   | 36.3 |
| 25°   | 27.2  | 23.8 | 26.1   | 29.5 | 32.9   | 35.2 |
| 27.5° | 22.7  | 21.6 | 23.8   | 28.4 | 32.9   | 34.1 |
| 30°   | 19.3  | 19.3 | 22.7   | 27.2 | 31.8   | 32.9 |
| 31°   | 18.2  | 18.2 | 22.7   | 27.2 | 31.8   | 32.9 |
| 32°   | 17.0  | 18.2 | 21.6   | 27.2 | 31.8   | 32.9 |
| 33°   | 15.9  | 17.0 | 21.6   | 26.1 | 31.8   | 32.9 |
| 34°   | 14.8  | 17.0 | 21.6   | 26.1 | 31.8   | 32.9 |
| 35°   | 13.6  | 17.0 | 21.6   | 26.1 | 31.8   | 32.9 |
| 36°   | 12.5  | 15.9 | 20.4   | 26.1 | 31.8   | 32.9 |
| 37°   | 11.4  | 15.9 | 20.4   | 26.1 | 31.8   | 32.9 |
| 38°   | 10.2  | 14.8 | 20.4   | 26.1 | 31.8   | 32.9 |
| 39°   | 10.2  | 14.8 | 19.3   | 26.1 | 30.7   | 32.9 |
| 40°   | 9.1   | 13.6 | 19.3   | 26.1 | 30.7   | 32.9 |
| 41°   | 7.9   | 13.6 | 19.3   | 25.0 | 30.7   | 32.9 |
| 42°   | 6.8   | 12.5 | 18.2   | 25.0 | 30.7   | 32.9 |
| 43°   | 5.7   | 12.5 | 18.2   | 25.0 | 30.7   | 32.9 |
| 44°   | 5.7   | 11.4 | 18.2   | 25.0 | 30.7   | 32.9 |
| 45°   | 4.5   | 11.4 | 18.2   | 25.0 | 30.7   | 32.9 |
| 46°   | 3.4   | 11.4 | 18.2   | 25.0 | 30.7   | 32.9 |
| 47°   | 3.4   | 10.2 | 17.0   | 25.0 | 30.7   | 32.9 |
| 48°   | 2.3   | 10.2 | 17.0   | 25.0 | 30.7   | 32.9 |
| 49°   | 2.3   | 10.2 | 17.0   | 25.0 | 30.7   | 34.1 |
| 50°   | 2.3   | 10.2 | 17.0   | 23.8 | 30.7   | 34.1 |
| 51°   | 1.1   | 10.2 | 17.0   | 23.8 | 30.7   | 34.1 |
| 52°   | 1.1   | 10.2 | 15.9   | 23.8 | 31.8   | 34.1 |
| 53°   | 1.1   | 9.1  | 15.9   | 23.8 | 31.8   | 34.1 |
| 54°   | 1.1   | 9.1  | 15.9   | 23.8 | 31.8   | 32.9 |
| 55°   | 1.1   | 9.1  | 15.9   | 23.8 | 30.7   | 32.9 |
| 56°   | 1.1   | 7.9  | 15.9   | 23.8 | 30.7   | 32.9 |
| 57°   | 1.1   | 7.9  | 14.8   | 22.7 | 30.7   | 31.8 |
| 58°   | 1.1   | 7.9  | 14.8   | 22.7 | 30.7   | 31.8 |
| 59°   | 1.1   | 7.9  | 14.8   | 22.7 | 29.5   | 31.8 |
| 60°   | 2.3   | 6.8  | 13.6   | 21.6 | 29.5   | 31.8 |
| 62.5° | 2.3   | 6.8  | 13.6   | 21.6 | 28.4   | 30.7 |
| 65°   | 2.3   | 6.8  | 12.5   | 20.4 | 28.4   | 30.7 |



TEST NUMBER: P1306040

CATALOG NUMBER: P3SQAS17R209024DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.3   | 5.7 | 11.4   | 19.3 | 27.2   | 29.5 |
| 70°   | 2.3   | 6.8 | 11.4   | 18.2 | 26.1   | 28.4 |
| 72.5° | 3.4   | 5.7 | 10.2   | 17.0 | 25.0   | 27.2 |
| 75°   | 3.4   | 5.7 | 10.2   | 15.9 | 23.8   | 25.0 |
| 77.5° | 4.5   | 5.7 | 9.1    | 13.6 | 21.6   | 22.7 |
| 80°   | 4.5   | 5.7 | 7.9    | 11.4 | 18.2   | 19.3 |
| 82.5° | 4.5   | 5.7 | 5.7    | 9.1  | 13.6   | 14.8 |
| 85°   | 3.4   | 4.5 | 4.5    | 5.7  | 9.1    | 10.2 |
| 87.5° | 3.4   | 4.5 | 3.4    | 2.3  | 4.5    | 4.5  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)