

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: P1308114

Luminaire Tested: P3SQAS17R159030DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1308114  
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: P3SQAS17R159030DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

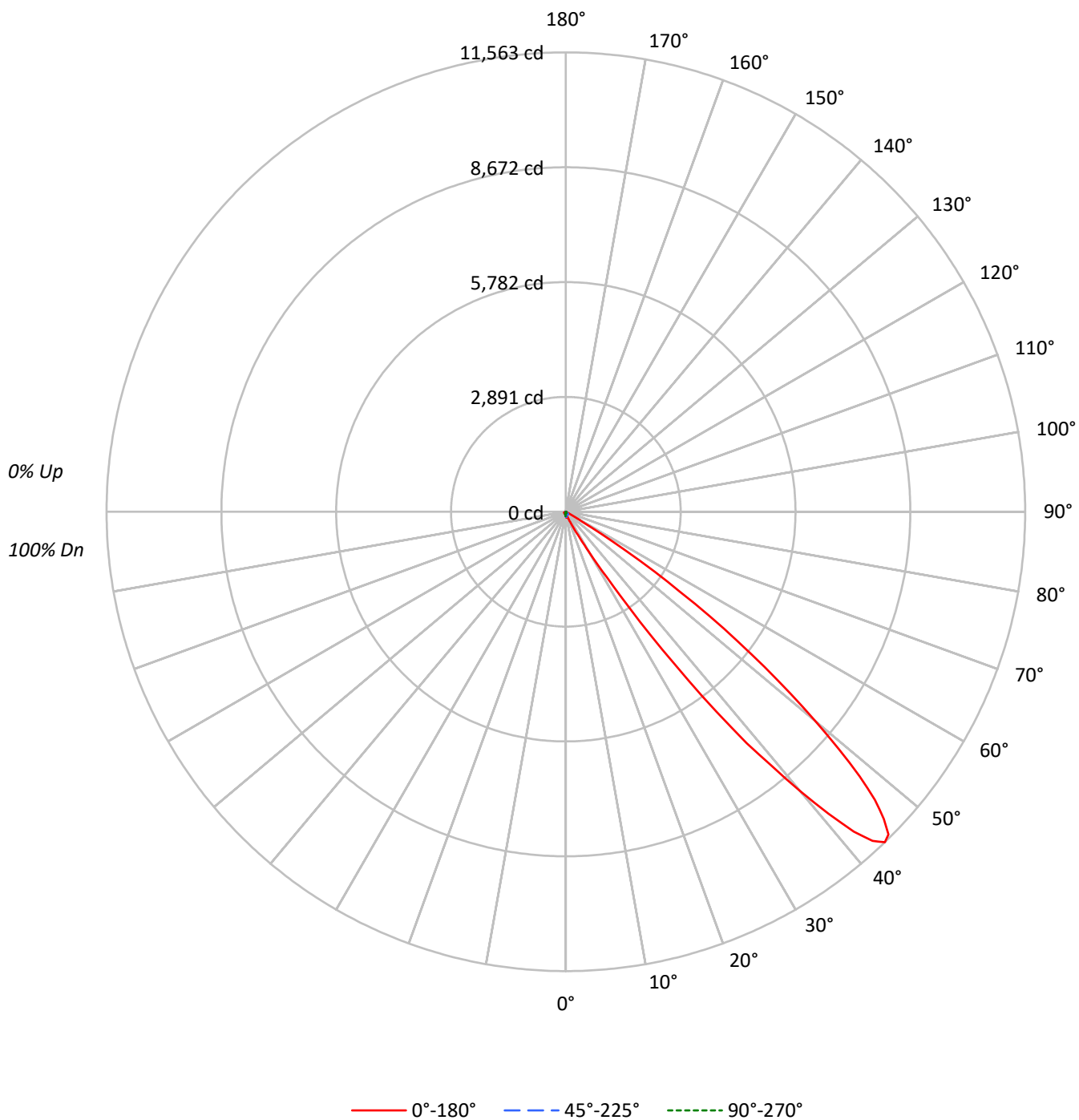
Lumens per Lamp: N/A  
Luminaire Lumens: 1291.0 lumens  
Efficiency: N/A  
Efficacy: 60.9 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P1308114

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

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 19737   | 19737 | 19737 | 19737 | 19737 |
| 5°  | 24480   | 21818 | 17807 | 15577 | 15352 |
| 10° | 24081   | 18677 | 13728 | 12154 | 12381 |
| 15° | 19969   | 13319 | 9878  | 10092 | 10787 |
| 20° | 34676   | 10612 | 7551  | 8724  | 9915  |
| 25° | 77303   | 12713 | 6119  | 8076  | 9292  |
| 30° | 231161  | 15611 | 5369  | 7935  | 9725  |
| 35° | 889862  | 17598 | 4878  | 8115  | 10281 |
| 40° | 2065450 | 15333 | 4631  | 8386  | 10994 |
| 45° | 2797550 | 11593 | 4067  | 9085  | 11910 |
| 50° | 2193523 | 6886  | 4126  | 9646  | 13102 |
| 55° | 1052865 | 3093  | 3873  | 10449 | 14292 |
| 60° | 96204   | 448   | 3548  | 11091 | 15948 |
| 65° | 10473   | 0     | 3138  | 11533 | 17319 |
| 70° | 2568    | 0     | 3877  | 12337 | 18782 |
| 75° | 2595    | 865   | 5124  | 13708 | 21426 |
| 80° | 2579    | 2579  | 6347  | 14083 | 23010 |
| 85° | 2569    | 2569  | 10078 | 12647 | 25491 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2797550 cd/sqm

TEST NUMBER: P1308114

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 9.8    | 0.8       |
| 10°-20°   | 20.4   | 1.6       |
| 20°-30°   | 48.8   | 3.8       |
| 30°-40°   | 267.0  | 20.7      |
| 40°-50°   | 646.6  | 50.1      |
| 50°-60°   | 258.0  | 20.0      |
| 60°-70°   | 22.3   | 1.7       |
| 70°-80°   | 12.6   | 1.0       |
| 80°-90°   | 5.5    | 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°    | 78.9   | 6.1       |
| 0°-40°    | 346.0  | 26.8      |
| 0°-60°    | 1250.6 | 96.9      |
| 0°-90°    | 1291.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1291.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°    | 45° | 90° | 135° | 180° | Flux |
|-----|-------|-----|-----|------|------|------|
| 0°  | 115   | 115 | 115 | 115  | 115  |      |
| 5°  | 142   | 126 | 103 | 90   | 89   | 13   |
| 15° | 112   | 75  | 55  | 57   | 60   | 39   |
| 25° | 407   | 67  | 32  | 42   | 49   | 245  |
| 35° | 4232  | 84  | 23  | 39   | 49   | 2991 |
| 45° | 11486 | 48  | 17  | 37   | 49   | 8103 |
| 55° | 3506  | 10  | 13  | 35   | 48   | 3267 |
| 65° | 26    | 0   | 8   | 28   | 42   | 66   |
| 75° | 4     | 1   | 8   | 21   | 32   | 4    |
| 85° | 1     | 1   | 5   | 6    | 13   | 1    |
| 90° | 0     | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1308114

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 2.5°    | 5°      | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 45°   |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 114.6   | 114.6   | 114.6   | 114.6  | 114.6  | 114.6  | 114.6  | 114.6  | 114.6  | 114.6  | 114.6 |
| 2.5°  | 128.7   | 128.7   | 130.0   | 128.7  | 128.7  | 128.7  | 128.7  | 127.4  | 127.4  | 127.4  | 123.6 |
| 5°    | 141.6   | 141.6   | 141.6   | 141.6  | 140.3  | 140.3  | 140.3  | 139.0  | 139.0  | 137.7  | 126.2 |
| 7.5°  | 146.7   | 146.7   | 145.5   | 145.5  | 144.2  | 144.2  | 142.9  | 141.6  | 140.3  | 139.0  | 121.0 |
| 10°   | 137.7   | 137.7   | 137.7   | 136.4  | 136.4  | 135.2  | 133.9  | 132.6  | 131.3  | 128.7  | 106.8 |
| 12.5° | 122.3   | 122.3   | 123.6   | 122.3  | 121.0  | 119.7  | 117.1  | 115.9  | 114.6  | 112.0  | 88.8  |
| 15°   | 112.0   | 112.0   | 112.0   | 110.7  | 109.4  | 106.8  | 105.6  | 103.0  | 101.7  | 97.8   | 74.7  |
| 17.5° | 142.9   | 142.9   | 141.6   | 139.0  | 133.9  | 130.0  | 123.6  | 118.4  | 112.0  | 104.3  | 64.4  |
| 20°   | 189.2   | 189.2   | 186.7   | 184.1  | 177.6  | 171.2  | 160.9  | 151.9  | 141.6  | 132.6  | 57.9  |
| 22.5° | 274.2   | 278.0   | 270.3   | 261.3  | 252.3  | 236.9  | 222.7  | 208.5  | 190.5  | 175.1  | 59.2  |
| 25°   | 406.8   | 410.6   | 406.8   | 386.2  | 369.4  | 348.8  | 321.8  | 293.5  | 262.6  | 234.3  | 66.9  |
| 27.5° | 659.1   | 661.6   | 655.2   | 605.0  | 578.0  | 523.9  | 476.3  | 429.9  | 378.5  | 327.0  | 73.4  |
| 30°   | 1162.4  | 1163.7  | 1122.5  | 1022.1 | 933.3  | 814.8  | 714.4  | 617.9  | 536.8  | 454.4  | 78.5  |
| 31°   | 1530.5  | 1494.5  | 1407.0  | 1286.0 | 1144.4 | 984.7  | 847.0  | 722.1  | 601.1  | 512.3  | 79.8  |
| 32°   | 1943.7  | 1938.6  | 1793.1  | 1583.3 | 1394.1 | 1194.6 | 987.3  | 827.7  | 688.7  | 567.7  | 81.1  |
| 33°   | 2490.8  | 2493.4  | 2264.3  | 2017.1 | 1706.9 | 1439.1 | 1167.5 | 948.7  | 781.4  | 633.3  | 83.7  |
| 34°   | 3345.6  | 3144.7  | 2875.7  | 2541.0 | 2118.8 | 1715.9 | 1363.2 | 1089.0 | 865.0  | 696.4  | 83.7  |
| 35°   | 4232.5  | 4030.4  | 3734.3  | 3227.1 | 2647.9 | 2084.1 | 1596.2 | 1239.6 | 965.4  | 764.6  | 83.7  |
| 36°   | 5226.2  | 5055.0  | 4607.1  | 3959.6 | 3220.7 | 2431.6 | 1843.3 | 1413.4 | 1064.6 | 826.4  | 82.4  |
| 37°   | 6299.8  | 6048.8  | 5551.9  | 4845.2 | 3856.6 | 2920.8 | 2144.6 | 1585.9 | 1163.7 | 893.4  | 79.8  |
| 38°   | 7390.1  | 7163.5  | 6536.6  | 5680.6 | 4616.1 | 3437.0 | 2445.8 | 1751.9 | 1255.1 | 943.6  | 75.9  |
| 39°   | 8216.5  | 8092.9  | 7471.2  | 6514.8 | 5222.4 | 3926.1 | 2756.0 | 1929.6 | 1351.6 | 993.8  | 72.1  |
| 40°   | 9187.1  | 8987.6  | 8398.0  | 7215.0 | 5939.4 | 4424.3 | 3059.8 | 2086.6 | 1431.4 | 1033.7 | 68.2  |
| 41°   | 10072.7 | 9820.4  | 9076.4  | 7933.3 | 6513.5 | 4872.2 | 3348.1 | 2248.8 | 1495.8 | 1056.8 | 65.6  |
| 42°   | 10832.2 | 10538.7 | 9761.2  | 8548.6 | 6993.6 | 5230.1 | 3578.6 | 2364.7 | 1556.3 | 1076.1 | 61.8  |
| 43°   | 11323.9 | 11070.3 | 10305.7 | 9010.7 | 7404.3 | 5558.3 | 3793.5 | 2485.7 | 1593.6 | 1089.0 | 56.6  |
| 44°   | 11563.4 | 11307.2 | 10567.0 | 9300.4 | 7656.6 | 5755.3 | 3932.5 | 2569.3 | 1634.8 | 1105.7 | 52.8  |
| 45°   | 11486.1 | 11226.1 | 10510.4 | 9305.5 | 7735.1 | 5826.1 | 3991.8 | 2606.7 | 1656.7 | 1121.2 | 47.6  |
| 46°   | 11132.1 | 10949.3 | 10228.5 | 9063.5 | 7585.8 | 5750.1 | 3958.3 | 2578.4 | 1649.0 | 1121.2 | 42.5  |
| 47°   | 10635.2 | 10426.7 | 9740.6  | 8647.7 | 7224.0 | 5554.5 | 3823.1 | 2492.1 | 1601.3 | 1095.4 | 37.3  |
| 48°   | 9958.2  | 9780.5  | 9059.7  | 7987.4 | 6669.2 | 5128.4 | 3518.1 | 2351.8 | 1526.7 | 1045.2 | 32.2  |
| 49°   | 9108.6  | 8861.4  | 8190.8  | 7142.9 | 5945.8 | 4523.4 | 3117.7 | 2114.9 | 1407.0 | 974.4  | 28.3  |
| 50°   | 8186.9  | 7881.8  | 7364.3  | 6297.2 | 5197.9 | 3878.5 | 2591.2 | 1788.0 | 1238.3 | 881.8  | 25.7  |
| 51°   | 7284.5  | 6974.3  | 6481.3  | 5573.8 | 4399.8 | 3218.1 | 2090.5 | 1427.6 | 1019.5 | 754.3  | 21.9  |
| 52°   | 6348.7  | 6088.7  | 5536.5  | 4823.3 | 3766.5 | 2608.0 | 1741.6 | 1207.4 | 847.0  | 633.3  | 18.0  |
| 53°   | 5416.7  | 5239.1  | 4713.9  | 3991.8 | 3026.3 | 2130.4 | 1422.4 | 1033.7 | 738.9  | 541.9  | 14.2  |
| 54°   | 4483.5  | 4289.1  | 3890.1  | 3246.4 | 2439.3 | 1681.1 | 1206.2 | 865.0  | 641.0  | 472.4  | 12.9  |
| 55°   | 3506.5  | 3406.1  | 3037.9  | 2475.4 | 1848.5 | 1341.3 | 978.3  | 744.0  | 536.8  | 395.2  | 10.3  |
| 56°   | 2700.6  | 2587.4  | 2251.4  | 1795.7 | 1373.5 | 1050.4 | 791.7  | 607.6  | 454.4  | 330.8  | 7.7   |
| 57°   | 1768.7  | 1652.8  | 1430.1  | 1253.8 | 1000.2 | 765.9  | 605.0  | 478.9  | 369.4  | 274.2  | 6.4   |
| 58°   | 1045.2  | 939.7   | 904.9   | 772.3  | 666.8  | 520.0  | 446.7  | 356.6  | 272.9  | 216.3  | 3.9   |
| 59°   | 480.1   | 487.9   | 433.8   | 406.8  | 369.4  | 330.8  | 271.6  | 238.1  | 186.7  | 155.8  | 2.6   |
| 60°   | 279.3   | 263.9   | 257.4   | 230.4  | 204.7  | 181.5  | 163.5  | 144.2  | 117.1  | 100.4  | 1.3   |
| 62.5° | 95.3    | 91.4    | 94.0    | 85.0   | 79.8   | 77.2   | 70.8   | 60.5   | 50.2   | 41.2   | 0.0   |
| 65°   | 25.7    | 25.7    | 24.5    | 23.2   | 21.9   | 20.6   | 19.3   | 16.7   | 15.4   | 12.9   | 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° | 9.0 | 9.0  | 7.7 | 7.7  | 6.4 | 6.4   | 5.1 | 5.1   | 3.9 | 3.9   | 0.0 |
| 70°   | 5.1 | 5.1  | 5.1 | 3.9  | 3.9 | 3.9   | 2.6 | 2.6   | 2.6 | 1.3   | 0.0 |
| 72.5° | 3.9 | 3.9  | 3.9 | 3.9  | 3.9 | 3.9   | 2.6 | 2.6   | 2.6 | 1.3   | 1.3 |
| 75°   | 3.9 | 3.9  | 3.9 | 2.6  | 2.6 | 2.6   | 2.6 | 2.6   | 2.6 | 2.6   | 1.3 |
| 77.5° | 2.6 | 2.6  | 2.6 | 2.6  | 2.6 | 2.6   | 2.6 | 2.6   | 2.6 | 2.6   | 2.6 |
| 80°   | 2.6 | 2.6  | 2.6 | 2.6  | 2.6 | 2.6   | 2.6 | 2.6   | 2.6 | 1.3   | 2.6 |
| 82.5° | 1.3 | 1.3  | 1.3 | 1.3  | 1.3 | 1.3   | 1.3 | 1.3   | 1.3 | 1.3   | 2.6 |
| 85°   | 1.3 | 1.3  | 1.3 | 1.3  | 1.3 | 1.3   | 1.3 | 1.3   | 1.3 | 1.3   | 1.3 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.3 |
| 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°    | 114.6 | 114.6 | 114.6  | 114.6 | 114.6  | 114.6 |
| 2.5°  | 118.4 | 113.3 | 106.8  | 103.0 | 101.7  | 100.4 |
| 5°    | 113.3 | 103.0 | 95.3   | 90.1  | 88.8   | 88.8  |
| 7.5°  | 101.7 | 90.1  | 82.4   | 79.8  | 78.5   | 78.5  |
| 10°   | 88.8  | 78.5  | 72.1   | 69.5  | 70.8   | 70.8  |
| 12.5° | 74.7  | 65.6  | 63.1   | 63.1  | 64.4   | 65.6  |
| 15°   | 60.5  | 55.4  | 55.4   | 56.6  | 59.2   | 60.5  |
| 17.5° | 50.2  | 47.6  | 48.9   | 51.5  | 54.1   | 56.6  |
| 20°   | 41.2  | 41.2  | 43.8   | 47.6  | 51.5   | 54.1  |
| 22.5° | 34.8  | 36.0  | 39.9   | 43.8  | 48.9   | 51.5  |
| 25°   | 29.6  | 32.2  | 36.0   | 42.5  | 47.6   | 48.9  |
| 27.5° | 25.7  | 29.6  | 34.8   | 41.2  | 46.3   | 48.9  |
| 30°   | 21.9  | 27.0  | 33.5   | 39.9  | 46.3   | 48.9  |
| 31°   | 20.6  | 25.7  | 32.2   | 39.9  | 46.3   | 48.9  |
| 32°   | 19.3  | 25.7  | 32.2   | 39.9  | 46.3   | 48.9  |
| 33°   | 18.0  | 24.5  | 32.2   | 38.6  | 46.3   | 48.9  |
| 34°   | 16.7  | 24.5  | 32.2   | 39.9  | 46.3   | 48.9  |
| 35°   | 15.4  | 23.2  | 30.9   | 38.6  | 45.1   | 48.9  |
| 36°   | 14.2  | 23.2  | 30.9   | 38.6  | 46.3   | 48.9  |
| 37°   | 12.9  | 23.2  | 30.9   | 38.6  | 45.1   | 48.9  |
| 38°   | 12.9  | 21.9  | 29.6   | 38.6  | 45.1   | 48.9  |
| 39°   | 11.6  | 20.6  | 29.6   | 38.6  | 45.1   | 48.9  |
| 40°   | 10.3  | 20.6  | 28.3   | 37.3  | 45.1   | 48.9  |
| 41°   | 9.0   | 19.3  | 28.3   | 37.3  | 45.1   | 48.9  |
| 42°   | 7.7   | 19.3  | 28.3   | 37.3  | 45.1   | 48.9  |
| 43°   | 6.4   | 18.0  | 27.0   | 37.3  | 45.1   | 48.9  |
| 44°   | 6.4   | 18.0  | 27.0   | 37.3  | 45.1   | 48.9  |
| 45°   | 5.1   | 16.7  | 25.7   | 37.3  | 45.1   | 48.9  |
| 46°   | 5.1   | 16.7  | 25.7   | 36.0  | 45.1   | 48.9  |
| 47°   | 3.9   | 16.7  | 25.7   | 36.0  | 45.1   | 48.9  |
| 48°   | 3.9   | 15.4  | 25.7   | 36.0  | 45.1   | 48.9  |
| 49°   | 2.6   | 15.4  | 25.7   | 36.0  | 45.1   | 48.9  |
| 50°   | 2.6   | 15.4  | 24.5   | 36.0  | 45.1   | 48.9  |
| 51°   | 2.6   | 15.4  | 24.5   | 36.0  | 45.1   | 48.9  |
| 52°   | 2.6   | 14.2  | 24.5   | 36.0  | 45.1   | 48.9  |
| 53°   | 2.6   | 14.2  | 24.5   | 36.0  | 45.1   | 48.9  |
| 54°   | 2.6   | 14.2  | 23.2   | 36.0  | 45.1   | 48.9  |
| 55°   | 2.6   | 12.9  | 23.2   | 34.8  | 45.1   | 47.6  |
| 56°   | 2.6   | 12.9  | 23.2   | 34.8  | 45.1   | 47.6  |
| 57°   | 2.6   | 12.9  | 21.9   | 34.8  | 45.1   | 47.6  |
| 58°   | 2.6   | 11.6  | 21.9   | 33.5  | 43.8   | 47.6  |
| 59°   | 2.6   | 11.6  | 20.6   | 33.5  | 43.8   | 46.3  |
| 60°   | 2.6   | 10.3  | 20.6   | 32.2  | 42.5   | 46.3  |
| 62.5° | 2.6   | 9.0   | 18.0   | 30.9  | 41.2   | 43.8  |
| 65°   | 2.6   | 7.7   | 16.7   | 28.3  | 39.9   | 42.5  |



TEST NUMBER: P1308114

CATALOG NUMBER: P3SQAS17R159030DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.6   | 7.7 | 15.4   | 27.0 | 37.3   | 41.2 |
| 70°   | 2.6   | 7.7 | 14.2   | 24.5 | 36.0   | 37.3 |
| 72.5° | 3.9   | 7.7 | 12.9   | 23.2 | 33.5   | 34.8 |
| 75°   | 5.1   | 7.7 | 11.6   | 20.6 | 30.9   | 32.2 |
| 77.5° | 5.1   | 7.7 | 10.3   | 18.0 | 27.0   | 28.3 |
| 80°   | 5.1   | 6.4 | 9.0    | 14.2 | 21.9   | 23.2 |
| 82.5° | 5.1   | 6.4 | 6.4    | 11.6 | 16.7   | 18.0 |
| 85°   | 3.9   | 5.1 | 5.1    | 6.4  | 11.6   | 12.9 |
| 87.5° | 3.9   | 5.1 | 2.6    | 3.9  | 5.1    | 5.1  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)