

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: P1309733

Luminaire Tested: P3SQAS02R259040DE010 E3SQCA451MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309733  
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: P3SQAS02R259040DE010 E3SQCA451MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQCA451MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

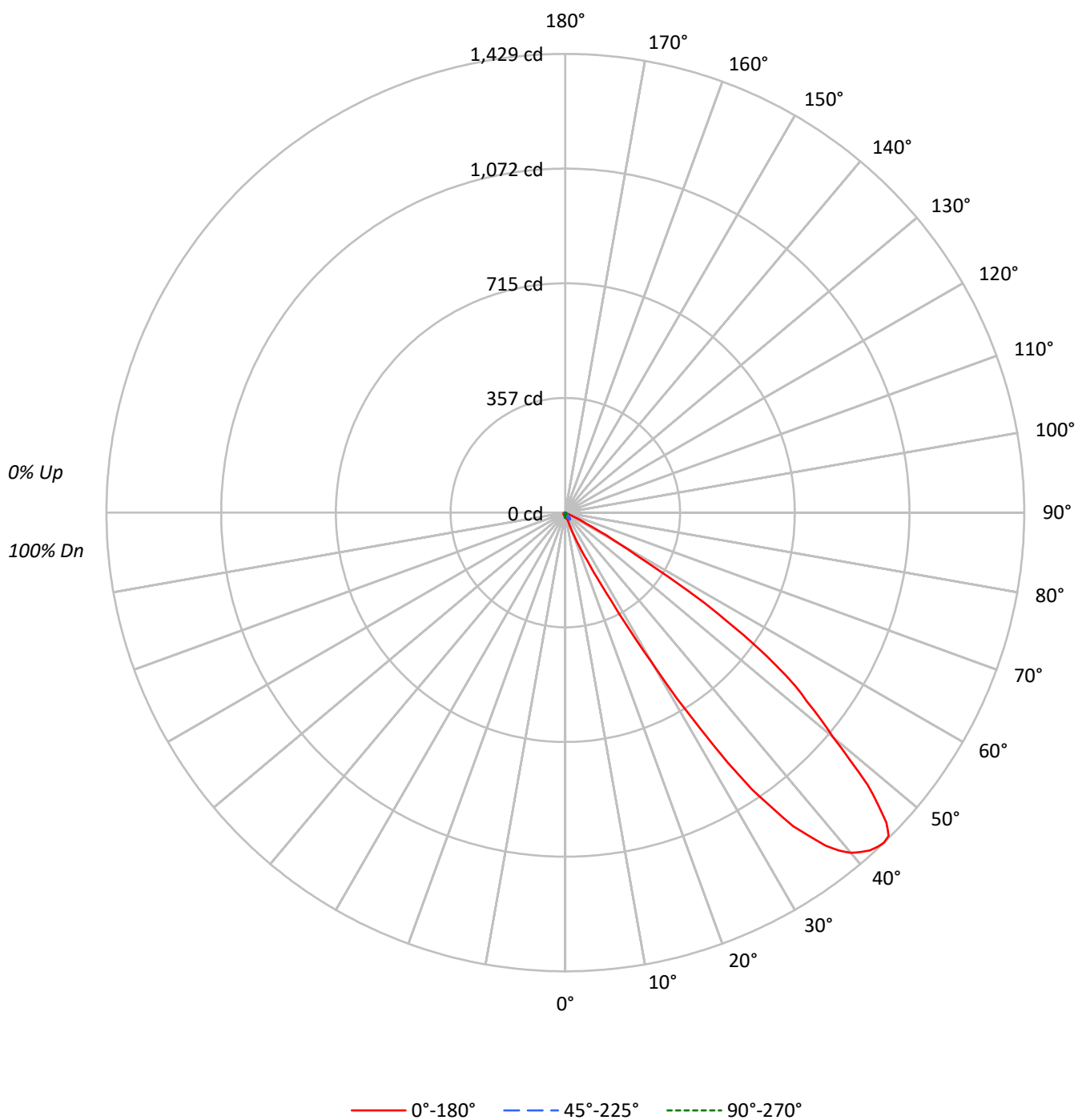
Lumens per Lamp: N/A  
Luminaire Lumens: 298.0 lumens  
Efficiency: N/A  
Efficacy: 82.8 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.61 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1309733

CATALOG NUMBER: P3SQAS02R259040DE010 E3SQCA451MW

### Luminous Intensity Polar Plot



TEST NUMBER: P1309733

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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°  | 2618   | 2618 | 2618 | 2618 | 2618 |
| 5°  | 2991   | 2853 | 2541 | 2265 | 2213 |
| 10° | 2973   | 2711 | 2151 | 1889 | 1889 |
| 15° | 3316   | 2336 | 1676 | 1587 | 1676 |
| 20° | 11730  | 2309 | 1301 | 1338 | 1485 |
| 25° | 33730  | 2945 | 1045 | 1254 | 1444 |
| 30° | 107626 | 4534 | 835  | 1193 | 1452 |
| 35° | 235748 | 5340 | 715  | 1156 | 1493 |
| 40° | 310994 | 4834 | 585  | 1169 | 1596 |
| 45° | 346805 | 3385 | 585  | 1267 | 1729 |
| 50° | 291937 | 1768 | 563  | 1340 | 1902 |
| 55° | 218260 | 721  | 540  | 1501 | 2132 |
| 60° | 67580  | 172  | 551  | 1619 | 2342 |
| 65° | 5787   | 0    | 652  | 1712 | 2567 |
| 70° | 403    | 151  | 655  | 1964 | 2921 |
| 75° | 333    | 200  | 865  | 2063 | 3327 |
| 80° | 298    | 298  | 1289 | 2380 | 3868 |
| 85° | 593    | 593  | 1976 | 2569 | 4150 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 346805 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.4    | 0.5       |
| 10°-20°   | 3.5    | 1.2       |
| 20°-30°   | 16.5   | 5.5       |
| 30°-40°   | 79.4   | 26.6      |
| 40°-50°   | 124.4  | 41.8      |
| 50°-60°   | 63.8   | 21.4      |
| 60°-70°   | 6.0    | 2.0       |
| 70°-80°   | 2.0    | 0.7       |
| 80°-90°   | 1.0    | 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°    | 21.4   | 7.2       |
| 0°-40°    | 100.7  | 33.8      |
| 0°-60°    | 288.9  | 97.0      |
| 0°-90°    | 298.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 298.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 15   | 15  | 15  | 15   | 15   |      |
| 5°  | 17   | 16  | 15  | 13   | 13   | 2    |
| 15° | 19   | 13  | 9   | 9    | 9    | 8    |
| 25° | 178  | 16  | 6   | 7    | 8    | 110  |
| 35° | 1121 | 25  | 3   | 6    | 7    | 681  |
| 45° | 1424 | 14  | 2   | 5    | 7    | 1042 |
| 55° | 727  | 2   | 2   | 5    | 7    | 605  |
| 65° | 14   | 0   | 2   | 4    | 6    | 44   |
| 75° | 0    | 0   | 1   | 3    | 5    | 1    |
| 85° | 0    | 0   | 1   | 1    | 2    | 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°    | 15.2   | 15.2   | 15.2   | 15.2   | 15.2   | 15.2   | 15.2  | 15.2  | 15.2  | 15.2  | 15.2 |
| 2.5°  | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   | 16.3  | 16.3  | 16.5  | 16.3  | 16.3 |
| 5°    | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3  | 17.0  | 17.0  | 17.0  | 16.5 |
| 7.5°  | 17.6   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3   | 17.3  | 17.3  | 17.0  | 17.0  | 16.3 |
| 10°   | 17.0   | 17.0   | 17.0   | 17.0   | 16.8   | 16.8   | 16.8  | 16.5  | 16.5  | 16.5  | 15.5 |
| 12.5° | 17.0   | 17.0   | 17.0   | 17.0   | 16.8   | 16.8   | 16.5  | 16.5  | 16.3  | 16.0  | 14.2 |
| 15°   | 18.6   | 18.6   | 18.6   | 18.4   | 18.1   | 17.8   | 17.6  | 17.3  | 17.0  | 16.5  | 13.1 |
| 17.5° | 27.3   | 26.5   | 26.2   | 25.2   | 23.9   | 22.6   | 21.5  | 20.5  | 19.4  | 18.6  | 12.6 |
| 20°   | 64.0   | 63.7   | 62.4   | 59.3   | 55.9   | 51.9   | 48.0  | 43.5  | 37.2  | 33.0  | 12.6 |
| 22.5° | 110.9  | 109.4  | 107.0  | 104.6  | 98.6   | 91.5   | 84.2  | 75.8  | 67.7  | 59.0  | 13.4 |
| 25°   | 177.5  | 181.2  | 173.3  | 167.0  | 156.6  | 143.7  | 129.8 | 118.3 | 103.6 | 89.9  | 15.5 |
| 27.5° | 308.6  | 311.0  | 295.5  | 275.1  | 250.7  | 223.7  | 197.5 | 177.8 | 153.1 | 130.6 | 19.4 |
| 30°   | 541.2  | 543.6  | 517.6  | 474.1  | 423.8  | 379.5  | 319.4 | 266.7 | 218.2 | 180.7 | 22.8 |
| 31°   | 675.5  | 657.2  | 627.0  | 584.8  | 521.1  | 454.2  | 382.1 | 318.4 | 257.0 | 207.7 | 23.9 |
| 32°   | 792.2  | 790.6  | 755.5  | 691.5  | 627.5  | 544.9  | 455.5 | 372.4 | 297.1 | 235.0 | 24.6 |
| 33°   | 929.9  | 919.4  | 869.8  | 809.5  | 724.8  | 641.7  | 526.3 | 431.4 | 338.3 | 265.4 | 25.2 |
| 34°   | 1040.3 | 1012.0 | 991.5  | 922.5  | 833.1  | 727.2  | 603.7 | 493.8 | 389.7 | 294.7 | 25.4 |
| 35°   | 1121.3 | 1115.3 | 1075.4 | 1011.2 | 920.2  | 811.9  | 687.1 | 558.6 | 432.7 | 328.8 | 25.4 |
| 36°   | 1207.1 | 1188.4 | 1149.6 | 1091.4 | 1002.8 | 890.8  | 750.8 | 614.7 | 482.8 | 359.5 | 25.2 |
| 37°   | 1260.8 | 1249.8 | 1211.3 | 1151.2 | 1064.4 | 957.4  | 822.1 | 673.9 | 522.6 | 390.2 | 24.6 |
| 38°   | 1316.1 | 1293.9 | 1255.8 | 1198.4 | 1113.2 | 1012.7 | 873.8 | 719.6 | 559.3 | 417.2 | 23.9 |
| 39°   | 1354.4 | 1331.4 | 1292.5 | 1235.4 | 1152.0 | 1052.3 | 914.7 | 758.4 | 591.3 | 437.4 | 22.8 |
| 40°   | 1383.3 | 1361.0 | 1321.7 | 1262.9 | 1180.6 | 1083.5 | 948.8 | 792.7 | 618.1 | 455.0 | 21.5 |
| 41°   | 1401.1 | 1380.4 | 1341.3 | 1282.8 | 1200.2 | 1101.4 | 971.0 | 815.0 | 636.2 | 466.8 | 20.2 |
| 42°   | 1416.1 | 1394.8 | 1355.0 | 1295.2 | 1212.3 | 1116.6 | 984.7 | 829.2 | 648.5 | 472.8 | 19.1 |
| 43°   | 1424.4 | 1403.2 | 1364.4 | 1303.3 | 1219.6 | 1123.7 | 992.0 | 835.7 | 652.7 | 472.0 | 17.3 |
| 44°   | 1429.2 | 1407.1 | 1368.1 | 1307.0 | 1222.8 | 1125.5 | 992.6 | 834.4 | 649.8 | 465.7 | 15.7 |
| 45°   | 1423.9 | 1402.2 | 1364.4 | 1303.3 | 1217.3 | 1119.7 | 987.3 | 827.3 | 638.8 | 453.4 | 13.9 |
| 46°   | 1389.8 | 1373.1 | 1338.4 | 1282.3 | 1200.0 | 1105.0 | 973.9 | 813.7 | 621.8 | 438.2 | 11.8 |
| 47°   | 1329.8 | 1316.4 | 1282.8 | 1241.1 | 1166.7 | 1078.0 | 949.3 | 787.7 | 597.9 | 415.4 | 9.4  |
| 48°   | 1267.1 | 1247.4 | 1216.2 | 1173.5 | 1110.6 | 1029.5 | 908.6 | 749.7 | 561.7 | 385.5 | 8.4  |
| 49°   | 1174.5 | 1163.0 | 1135.5 | 1087.7 | 1035.6 | 964.2  | 851.2 | 700.9 | 517.4 | 353.0 | 7.3  |
| 50°   | 1089.6 | 1081.7 | 1043.2 | 1008.0 | 952.7  | 886.1  | 773.3 | 636.7 | 462.3 | 312.6 | 6.6  |
| 51°   | 1023.2 | 1013.8 | 986.0  | 942.2  | 883.2  | 805.8  | 699.6 | 553.3 | 399.1 | 264.6 | 5.2  |
| 52°   | 954.0  | 948.8  | 924.1  | 879.0  | 821.1  | 744.0  | 628.0 | 482.5 | 337.8 | 223.7 | 4.2  |
| 53°   | 897.4  | 889.8  | 859.6  | 819.5  | 756.8  | 677.1  | 550.4 | 416.7 | 286.1 | 188.0 | 3.7  |
| 54°   | 814.8  | 811.6  | 792.2  | 750.2  | 682.3  | 595.5  | 480.1 | 350.9 | 238.6 | 159.4 | 3.1  |
| 55°   | 726.9  | 716.4  | 696.8  | 663.4  | 601.0  | 520.0  | 398.9 | 290.8 | 193.0 | 134.3 | 2.4  |
| 56°   | 619.9  | 619.4  | 584.3  | 556.5  | 501.1  | 415.1  | 318.6 | 227.1 | 156.8 | 112.0 | 2.1  |
| 57°   | 517.6  | 501.1  | 467.3  | 439.8  | 380.2  | 314.9  | 236.5 | 170.2 | 122.7 | 90.7  | 1.6  |
| 58°   | 382.9  | 374.2  | 365.3  | 324.9  | 269.8  | 223.2  | 168.9 | 119.6 | 90.7  | 69.2  | 1.0  |
| 59°   | 259.9  | 259.6  | 249.1  | 218.4  | 186.7  | 139.0  | 105.4 | 81.3  | 62.4  | 50.9  | 0.8  |
| 60°   | 196.2  | 191.4  | 170.5  | 150.3  | 117.5  | 87.8   | 62.4  | 48.0  | 38.8  | 32.8  | 0.5  |
| 62.5° | 68.7   | 71.3   | 62.7   | 51.9   | 39.6   | 32.5   | 24.9  | 20.2  | 16.5  | 13.4  | 0.0  |
| 65°   | 14.2   | 15.5   | 13.4   | 12.6   | 10.0   | 8.7    | 7.6   | 6.6   | 5.5   | 4.7   | 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° | 1.8 | 1.6  | 1.6 | 1.6  | 1.3 | 1.3   | 1.3 | 1.3   | 1.0 | 1.0   | 0.3 |
| 70°   | 0.8 | 0.8  | 0.8 | 0.8  | 0.8 | 0.8   | 0.5 | 0.5   | 0.5 | 0.5   | 0.3 |
| 72.5° | 0.8 | 0.8  | 0.8 | 0.5  | 0.5 | 0.5   | 0.5 | 0.5   | 0.5 | 0.3   | 0.3 |
| 75°   | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.5 | 0.3   | 0.3 | 0.3   | 0.3 |
| 77.5° | 0.5 | 0.5  | 0.5 | 0.5  | 0.5 | 0.5   | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 |
| 80°   | 0.3 | 0.3  | 0.3 | 0.3  | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 |
| 82.5° | 0.3 | 0.3  | 0.3 | 0.3  | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 | 0.3   | 0.5 |
| 85°   | 0.3 | 0.3  | 0.3 | 0.0  | 0.0 | 0.3   | 0.3 | 0.3   | 0.3 | 0.3   | 0.3 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.3 |
| 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°    | 15.2  | 15.2 | 15.2   | 15.2 | 15.2   | 15.2 |
| 2.5°  | 16.0  | 15.5 | 14.7   | 14.4 | 14.2   | 14.2 |
| 5°    | 15.7  | 14.7 | 13.9   | 13.1 | 12.8   | 12.8 |
| 7.5°  | 14.9  | 13.6 | 12.6   | 12.1 | 11.8   | 11.5 |
| 10°   | 14.2  | 12.3 | 11.3   | 10.8 | 10.8   | 10.8 |
| 12.5° | 12.6  | 11.0 | 10.0   | 9.7  | 10.0   | 10.0 |
| 15°   | 11.3  | 9.4  | 8.9    | 8.9  | 9.2    | 9.4  |
| 17.5° | 9.7   | 8.4  | 7.9    | 8.1  | 8.4    | 8.7  |
| 20°   | 8.7   | 7.1  | 7.1    | 7.3  | 8.1    | 8.1  |
| 22.5° | 7.6   | 6.3  | 6.3    | 7.1  | 7.6    | 7.9  |
| 25°   | 6.8   | 5.5  | 5.8    | 6.6  | 7.3    | 7.6  |
| 27.5° | 5.8   | 4.7  | 5.2    | 6.3  | 7.1    | 7.3  |
| 30°   | 5.0   | 4.2  | 5.0    | 6.0  | 6.8    | 7.3  |
| 31°   | 4.7   | 3.9  | 5.0    | 5.8  | 6.8    | 7.3  |
| 32°   | 4.2   | 3.9  | 4.7    | 5.8  | 6.8    | 7.1  |
| 33°   | 3.9   | 3.7  | 4.7    | 5.8  | 6.8    | 7.1  |
| 34°   | 3.7   | 3.4  | 4.5    | 5.8  | 6.8    | 7.1  |
| 35°   | 3.1   | 3.4  | 4.5    | 5.5  | 6.6    | 7.1  |
| 36°   | 2.9   | 3.1  | 4.5    | 5.5  | 6.6    | 7.1  |
| 37°   | 2.6   | 3.1  | 4.2    | 5.5  | 6.6    | 7.1  |
| 38°   | 2.4   | 2.9  | 4.2    | 5.5  | 6.6    | 7.1  |
| 39°   | 2.1   | 2.9  | 3.9    | 5.5  | 6.6    | 7.1  |
| 40°   | 1.8   | 2.6  | 3.9    | 5.2  | 6.6    | 7.1  |
| 41°   | 1.8   | 2.6  | 3.9    | 5.2  | 6.6    | 7.1  |
| 42°   | 1.6   | 2.6  | 3.9    | 5.2  | 6.6    | 7.1  |
| 43°   | 1.3   | 2.4  | 3.9    | 5.2  | 6.6    | 7.1  |
| 44°   | 1.0   | 2.4  | 3.7    | 5.2  | 6.6    | 7.1  |
| 45°   | 1.0   | 2.4  | 3.7    | 5.2  | 6.6    | 7.1  |
| 46°   | 0.8   | 2.1  | 3.7    | 5.2  | 6.6    | 7.1  |
| 47°   | 0.5   | 2.1  | 3.7    | 5.0  | 6.6    | 7.1  |
| 48°   | 0.5   | 2.1  | 3.7    | 5.0  | 6.6    | 7.1  |
| 49°   | 0.5   | 2.1  | 3.4    | 5.0  | 6.6    | 7.1  |
| 50°   | 0.5   | 2.1  | 3.4    | 5.0  | 6.6    | 7.1  |
| 51°   | 0.3   | 1.8  | 3.4    | 5.0  | 6.6    | 7.1  |
| 52°   | 0.3   | 1.8  | 3.4    | 5.0  | 6.6    | 7.3  |
| 53°   | 0.3   | 1.8  | 3.4    | 5.0  | 6.6    | 7.1  |
| 54°   | 0.3   | 1.8  | 3.1    | 5.0  | 6.6    | 7.1  |
| 55°   | 0.3   | 1.8  | 3.1    | 5.0  | 6.6    | 7.1  |
| 56°   | 0.3   | 1.6  | 3.1    | 4.7  | 6.6    | 7.1  |
| 57°   | 0.5   | 1.6  | 3.1    | 4.7  | 6.6    | 6.8  |
| 58°   | 0.5   | 1.6  | 3.1    | 4.7  | 6.3    | 6.8  |
| 59°   | 0.5   | 1.6  | 3.1    | 4.7  | 6.3    | 6.8  |
| 60°   | 0.5   | 1.6  | 2.9    | 4.7  | 6.3    | 6.8  |
| 62.5° | 0.5   | 1.6  | 2.9    | 4.5  | 6.0    | 6.6  |
| 65°   | 0.5   | 1.6  | 2.6    | 4.2  | 6.0    | 6.3  |



TEST NUMBER: P1309733

CATALOG NUMBER: P3SQAS02R259040DE010 E3SQCA451MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.5   | 1.3 | 2.6    | 3.9  | 5.8    | 6.0  |
| 70°   | 0.8   | 1.3 | 2.4    | 3.9  | 5.5    | 5.8  |
| 72.5° | 0.8   | 1.3 | 2.4    | 3.4  | 5.0    | 5.5  |
| 75°   | 0.8   | 1.3 | 2.1    | 3.1  | 4.7    | 5.0  |
| 77.5° | 0.8   | 1.3 | 1.8    | 2.9  | 4.2    | 4.5  |
| 80°   | 1.0   | 1.3 | 1.6    | 2.4  | 3.7    | 3.9  |
| 82.5° | 1.0   | 1.3 | 1.3    | 1.8  | 2.9    | 3.1  |
| 85°   | 0.8   | 1.0 | 1.0    | 1.3  | 1.8    | 2.1  |
| 87.5° | 0.8   | 1.0 | 0.8    | 0.5  | 1.0    | 1.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)