

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: P1313522

Luminaire Tested: P3SQAS17R209730DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1313522  
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: P3SQAS17R209730DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

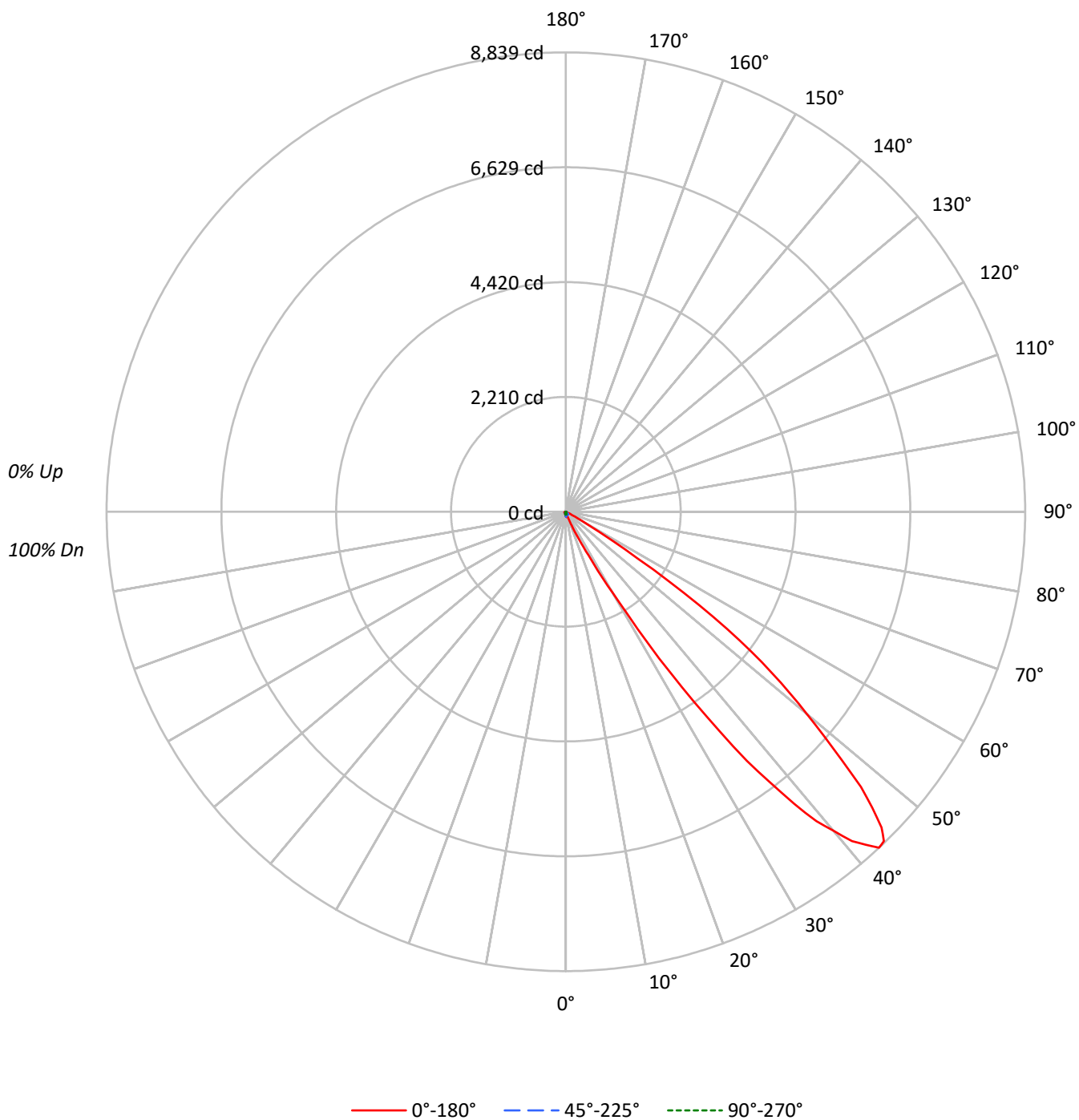
Lumens per Lamp: N/A  
Luminaire Lumens: 1228.0 lumens  
Efficiency: N/A  
Efficacy: 57.9 lumens/watt  
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.13  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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: P1313522

CATALOG NUMBER: P3SQAS17R209730DE010 E3SQCA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1313522

CATALOG NUMBER: P3SQAS17R209730DE010 E3SQCA451MB

**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 | 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  | 65  | 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  | 38  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 38  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 31  | 29  |    |    |
| 8   | 57  | 42  | 33  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 31  | 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  | 19  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 14708   | 14708 | 14708 | 14708 | 14708 |
| 5°  | 17150   | 15957 | 13761 | 11963 | 11566 |
| 10° | 16946   | 14532 | 10895 | 9286  | 9076  |
| 15° | 14817   | 11108 | 8023  | 7399  | 7827  |
| 20° | 21993   | 9310  | 5920  | 6341  | 6983  |
| 25° | 94728   | 9653  | 4599  | 5701  | 6803  |
| 30° | 358236  | 11713 | 3898  | 5509  | 6662  |
| 35° | 1086000 | 14065 | 3637  | 5571  | 7043  |
| 40° | 1800836 | 14006 | 3103  | 5958  | 7531  |
| 45° | 2093176 | 9548  | 2801  | 6186  | 8159  |
| 50° | 1624840 | 5251  | 2786  | 6484  | 9270  |
| 55° | 940417  | 3453  | 2762  | 7266  | 10059 |
| 60° | 158996  | 792   | 2377  | 7543  | 11126 |
| 65° | 12225   | 0     | 2812  | 8476  | 12714 |
| 70° | 1762    | 0     | 3474  | 9316  | 14552 |
| 75° | 1530    | 799   | 3859  | 10780 | 16902 |
| 80° | 1190    | 1190  | 5752  | 11406 | 19439 |
| 85° | 2371    | 2371  | 9090  | 11461 | 20551 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2093176 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 7.3    | 0.6       |
| 10°-20°   | 15.4   | 1.3       |
| 20°-30°   | 49.0   | 4.0       |
| 30°-40°   | 313.1  | 25.5      |
| 40°-50°   | 573.2  | 46.7      |
| 50°-60°   | 235.5  | 19.2      |
| 60°-70°   | 19.9   | 1.6       |
| 70°-80°   | 9.9    | 0.8       |
| 80°-90°   | 4.7    | 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°    | 71.7   | 5.8       |
| 0°-40°    | 384.9  | 31.3      |
| 0°-60°    | 1193.6 | 97.2      |
| 0°-90°    | 1228.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1228.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 85   | 85  | 85  | 85   | 85   |      |
| 5°  | 99   | 92  | 80  | 69   | 67   | 9    |
| 15° | 83   | 62  | 45  | 42   | 44   | 26   |
| 25° | 498  | 51  | 24  | 30   | 36   | 328  |
| 35° | 5165 | 67  | 17  | 26   | 34   | 3269 |
| 45° | 8594 | 39  | 12  | 25   | 34   | 6171 |
| 55° | 3132 | 12  | 9   | 24   | 34   | 2738 |
| 65° | 30   | 0   | 7   | 21   | 31   | 98   |
| 75° | 2    | 1   | 6   | 16   | 25   | 3    |
| 85° | 1    | 1   | 5   | 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°    | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   | 85.4 |
| 2.5°  | 93.5   | 93.5   | 93.5   | 92.3   | 92.3   | 93.5   | 92.3   | 92.3   | 92.3   | 92.3   | 91.2 |
| 5°    | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 99.2   | 98.1   | 98.1   | 96.9   | 92.3 |
| 7.5°  | 101.6  | 101.6  | 101.6  | 101.6  | 100.4  | 100.4  | 100.4  | 100.4  | 99.2   | 98.1   | 90.0 |
| 10°   | 96.9   | 96.9   | 96.9   | 95.8   | 95.8   | 95.8   | 94.6   | 94.6   | 93.5   | 92.3   | 83.1 |
| 12.5° | 87.7   | 87.7   | 87.7   | 87.7   | 86.6   | 86.6   | 85.4   | 85.4   | 84.2   | 83.1   | 72.7 |
| 15°   | 83.1   | 83.1   | 83.1   | 81.9   | 81.9   | 80.8   | 79.6   | 78.5   | 77.3   | 75.0   | 62.3 |
| 17.5° | 90.0   | 90.0   | 88.9   | 88.9   | 86.6   | 84.2   | 83.1   | 79.6   | 77.3   | 73.9   | 55.4 |
| 20°   | 120.0  | 121.2  | 116.6  | 113.1  | 110.8  | 103.9  | 100.4  | 94.6   | 90.0   | 84.2   | 50.8 |
| 22.5° | 242.3  | 237.7  | 229.7  | 217.0  | 202.0  | 189.3  | 166.2  | 147.7  | 135.0  | 117.7  | 49.6 |
| 25°   | 498.5  | 493.9  | 472.0  | 453.5  | 407.4  | 371.6  | 322.0  | 281.6  | 240.0  | 199.6  | 50.8 |
| 27.5° | 947.5  | 916.3  | 910.5  | 826.3  | 761.7  | 669.3  | 573.6  | 492.8  | 418.9  | 337.0  | 54.2 |
| 30°   | 1801.4 | 1765.7 | 1639.9 | 1512.9 | 1338.7 | 1141.3 | 953.2  | 777.8  | 631.3  | 498.5  | 58.9 |
| 31°   | 2286.1 | 2320.8 | 2173.0 | 1918.0 | 1660.7 | 1407.9 | 1150.6 | 927.8  | 738.6  | 573.6  | 61.2 |
| 32°   | 3005.1 | 2853.9 | 2698.1 | 2436.2 | 2062.3 | 1739.1 | 1416.0 | 1095.2 | 845.9  | 654.3  | 63.5 |
| 33°   | 3684.8 | 3596.0 | 3358.2 | 3031.6 | 2582.7 | 2129.2 | 1710.3 | 1292.5 | 977.5  | 752.4  | 64.6 |
| 34°   | 4409.6 | 4311.5 | 4118.7 | 3650.2 | 3157.4 | 2563.1 | 2004.6 | 1519.9 | 1134.4 | 848.2  | 65.8 |
| 35°   | 5165.4 | 5123.9 | 4752.3 | 4346.1 | 3740.2 | 3023.6 | 2358.8 | 1769.1 | 1287.9 | 935.9  | 66.9 |
| 36°   | 5926.0 | 5792.1 | 5501.3 | 4908.1 | 4275.7 | 3449.4 | 2730.4 | 2001.1 | 1443.7 | 1039.8 | 66.9 |
| 37°   | 6498.4 | 6468.3 | 6082.9 | 5504.7 | 4761.5 | 3904.1 | 3051.3 | 2258.4 | 1600.6 | 1128.6 | 66.9 |
| 38°   | 7129.6 | 7010.7 | 6619.5 | 6031.0 | 5218.5 | 4320.7 | 3387.1 | 2482.3 | 1749.5 | 1209.4 | 65.8 |
| 39°   | 7661.6 | 7485.0 | 7090.4 | 6508.7 | 5617.8 | 4636.9 | 3653.7 | 2699.3 | 1881.1 | 1276.4 | 64.6 |
| 40°   | 8010.1 | 7887.8 | 7475.8 | 6821.5 | 5980.2 | 4935.8 | 3923.7 | 2878.2 | 1979.2 | 1327.1 | 62.3 |
| 41°   | 8394.4 | 8191.3 | 7783.9 | 7126.1 | 6243.3 | 5198.9 | 4093.4 | 2995.9 | 2055.3 | 1360.6 | 60.0 |
| 42°   | 8624.1 | 8457.9 | 7974.4 | 7330.4 | 6431.4 | 5348.9 | 4231.8 | 3085.9 | 2101.5 | 1377.9 | 55.4 |
| 43°   | 8838.7 | 8612.5 | 8141.7 | 7449.3 | 6556.1 | 5455.1 | 4295.3 | 3127.4 | 2111.9 | 1377.9 | 49.6 |
| 44°   | 8809.9 | 8595.2 | 8107.1 | 7465.4 | 6583.8 | 5486.3 | 4321.8 | 3128.6 | 2095.7 | 1360.6 | 43.9 |
| 45°   | 8594.1 | 8380.6 | 7940.9 | 7324.6 | 6484.5 | 5425.1 | 4268.8 | 3082.4 | 2050.7 | 1330.6 | 39.2 |
| 46°   | 8198.2 | 7985.9 | 7648.9 | 7089.2 | 6299.9 | 5286.6 | 4145.3 | 2982.0 | 1975.7 | 1282.1 | 34.6 |
| 47°   | 7767.8 | 7561.2 | 7216.2 | 6709.5 | 5984.8 | 5039.7 | 3966.4 | 2841.2 | 1870.7 | 1211.7 | 31.2 |
| 48°   | 7143.5 | 7014.2 | 6668.0 | 6235.2 | 5547.4 | 4653.1 | 3652.5 | 2611.6 | 1729.9 | 1120.6 | 26.5 |
| 49°   | 6591.8 | 6455.7 | 6152.1 | 5687.1 | 4977.3 | 4203.0 | 3277.5 | 2332.3 | 1546.4 | 1019.0 | 23.1 |
| 50°   | 6064.4 | 5945.6 | 5665.1 | 5140.1 | 4462.6 | 3659.4 | 2770.8 | 1980.3 | 1315.6 | 893.2  | 19.6 |
| 51°   | 5548.6 | 5459.7 | 5173.5 | 4691.1 | 4003.3 | 3241.7 | 2400.4 | 1649.1 | 1087.1 | 740.9  | 18.5 |
| 52°   | 5030.4 | 5020.0 | 4709.6 | 4221.4 | 3556.7 | 2825.1 | 2040.3 | 1391.8 | 922.1  | 622.0  | 17.3 |
| 53°   | 4473.0 | 4406.1 | 4134.9 | 3696.4 | 3058.2 | 2391.2 | 1729.9 | 1173.7 | 794.0  | 529.7  | 15.0 |
| 54°   | 3838.3 | 3763.3 | 3472.5 | 3076.6 | 2498.5 | 1958.4 | 1394.1 | 948.6  | 661.3  | 447.8  | 13.8 |
| 55°   | 3132.0 | 3003.9 | 2792.8 | 2386.5 | 1951.5 | 1494.5 | 1076.7 | 751.3  | 528.5  | 372.8  | 11.5 |
| 56°   | 2376.2 | 2248.1 | 2129.2 | 1830.3 | 1432.2 | 1114.8 | 802.1  | 575.9  | 413.1  | 294.3  | 10.4 |
| 57°   | 1652.6 | 1645.6 | 1450.6 | 1221.0 | 957.8  | 759.4  | 549.3  | 406.2  | 292.0  | 228.5  | 8.1  |
| 58°   | 1072.1 | 1036.3 | 911.7  | 779.0  | 626.6  | 474.3  | 353.1  | 275.8  | 198.5  | 155.8  | 6.9  |
| 59°   | 751.3  | 679.7  | 612.8  | 519.3  | 394.7  | 298.9  | 227.3  | 176.6  | 137.3  | 108.5  | 4.6  |
| 60°   | 461.6  | 446.6  | 401.6  | 316.2  | 256.2  | 211.2  | 169.6  | 130.4  | 100.4  | 77.3   | 2.3  |
| 62.5° | 131.6  | 133.9  | 121.2  | 107.3  | 92.3   | 79.6   | 71.5   | 61.2   | 50.8   | 40.4   | 0.0  |
| 65°   | 30.0   | 28.9   | 31.2   | 28.9   | 26.5   | 26.5   | 23.1   | 20.8   | 18.5   | 17.3   | 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° | 9.2 | 9.2  | 8.1 | 8.1  | 8.1 | 6.9   | 6.9 | 5.8   | 5.8 | 4.6   | 0.0 |
| 70°   | 3.5 | 3.5  | 3.5 | 3.5  | 3.5 | 2.3   | 2.3 | 2.3   | 1.2 | 1.2   | 0.0 |
| 72.5° | 3.5 | 3.5  | 3.5 | 2.3  | 2.3 | 2.3   | 2.3 | 2.3   | 1.2 | 1.2   | 1.2 |
| 75°   | 2.3 | 2.3  | 2.3 | 2.3  | 2.3 | 2.3   | 2.3 | 1.2   | 1.2 | 1.2   | 1.2 |
| 77.5° | 2.3 | 2.3  | 2.3 | 2.3  | 2.3 | 1.2   | 2.3 | 1.2   | 1.2 | 1.2   | 1.2 |
| 80°   | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 |
| 82.5° | 1.2 | 1.2  | 1.2 | 1.2  | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 |
| 85°   | 1.2 | 1.2  | 1.2 | 1.2  | 0.0 | 0.0   | 1.2 | 1.2   | 1.2 | 0.0   | 1.2 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.2 |
| 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°    | 85.4  | 85.4 | 85.4   | 85.4 | 85.4   | 85.4 |
| 2.5°  | 88.9  | 84.2 | 80.8   | 77.3 | 76.2   | 76.2 |
| 5°    | 86.6  | 79.6 | 72.7   | 69.2 | 66.9   | 66.9 |
| 7.5°  | 79.6  | 71.5 | 64.6   | 61.2 | 60.0   | 60.0 |
| 10°   | 71.5  | 62.3 | 55.4   | 53.1 | 53.1   | 51.9 |
| 12.5° | 62.3  | 53.1 | 48.5   | 47.3 | 47.3   | 47.3 |
| 15°   | 51.9  | 45.0 | 41.5   | 41.5 | 42.7   | 43.9 |
| 17.5° | 43.9  | 36.9 | 35.8   | 38.1 | 40.4   | 40.4 |
| 20°   | 36.9  | 32.3 | 32.3   | 34.6 | 36.9   | 38.1 |
| 22.5° | 31.2  | 27.7 | 28.9   | 32.3 | 35.8   | 36.9 |
| 25°   | 27.7  | 24.2 | 26.5   | 30.0 | 33.5   | 35.8 |
| 27.5° | 23.1  | 21.9 | 24.2   | 28.9 | 33.5   | 34.6 |
| 30°   | 19.6  | 19.6 | 23.1   | 27.7 | 32.3   | 33.5 |
| 31°   | 18.5  | 18.5 | 23.1   | 27.7 | 32.3   | 33.5 |
| 32°   | 17.3  | 18.5 | 21.9   | 27.7 | 32.3   | 33.5 |
| 33°   | 16.2  | 17.3 | 21.9   | 26.5 | 32.3   | 33.5 |
| 34°   | 15.0  | 17.3 | 21.9   | 26.5 | 32.3   | 33.5 |
| 35°   | 13.8  | 17.3 | 21.9   | 26.5 | 32.3   | 33.5 |
| 36°   | 12.7  | 16.2 | 20.8   | 26.5 | 32.3   | 33.5 |
| 37°   | 11.5  | 16.2 | 20.8   | 26.5 | 32.3   | 33.5 |
| 38°   | 10.4  | 15.0 | 20.8   | 26.5 | 32.3   | 33.5 |
| 39°   | 10.4  | 15.0 | 19.6   | 26.5 | 31.2   | 33.5 |
| 40°   | 9.2   | 13.8 | 19.6   | 26.5 | 31.2   | 33.5 |
| 41°   | 8.1   | 13.8 | 19.6   | 25.4 | 31.2   | 33.5 |
| 42°   | 6.9   | 12.7 | 18.5   | 25.4 | 31.2   | 33.5 |
| 43°   | 5.8   | 12.7 | 18.5   | 25.4 | 31.2   | 33.5 |
| 44°   | 5.8   | 11.5 | 18.5   | 25.4 | 31.2   | 33.5 |
| 45°   | 4.6   | 11.5 | 18.5   | 25.4 | 31.2   | 33.5 |
| 46°   | 3.5   | 11.5 | 18.5   | 25.4 | 31.2   | 33.5 |
| 47°   | 3.5   | 10.4 | 17.3   | 25.4 | 31.2   | 33.5 |
| 48°   | 2.3   | 10.4 | 17.3   | 25.4 | 31.2   | 33.5 |
| 49°   | 2.3   | 10.4 | 17.3   | 25.4 | 31.2   | 34.6 |
| 50°   | 2.3   | 10.4 | 17.3   | 24.2 | 31.2   | 34.6 |
| 51°   | 1.2   | 10.4 | 17.3   | 24.2 | 31.2   | 34.6 |
| 52°   | 1.2   | 10.4 | 16.2   | 24.2 | 32.3   | 34.6 |
| 53°   | 1.2   | 9.2  | 16.2   | 24.2 | 32.3   | 34.6 |
| 54°   | 1.2   | 9.2  | 16.2   | 24.2 | 32.3   | 33.5 |
| 55°   | 1.2   | 9.2  | 16.2   | 24.2 | 31.2   | 33.5 |
| 56°   | 1.2   | 8.1  | 16.2   | 24.2 | 31.2   | 33.5 |
| 57°   | 1.2   | 8.1  | 15.0   | 23.1 | 31.2   | 32.3 |
| 58°   | 1.2   | 8.1  | 15.0   | 23.1 | 31.2   | 32.3 |
| 59°   | 1.2   | 8.1  | 15.0   | 23.1 | 30.0   | 32.3 |
| 60°   | 2.3   | 6.9  | 13.8   | 21.9 | 30.0   | 32.3 |
| 62.5° | 2.3   | 6.9  | 13.8   | 21.9 | 28.9   | 31.2 |
| 65°   | 2.3   | 6.9  | 12.7   | 20.8 | 28.9   | 31.2 |



TEST NUMBER: P1313522

CATALOG NUMBER: P3SQAS17R209730DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.3   | 5.8 | 11.5   | 19.6 | 27.7   | 30.0 |
| 70°   | 2.3   | 6.9 | 11.5   | 18.5 | 26.5   | 28.9 |
| 72.5° | 3.5   | 5.8 | 10.4   | 17.3 | 25.4   | 27.7 |
| 75°   | 3.5   | 5.8 | 10.4   | 16.2 | 24.2   | 25.4 |
| 77.5° | 4.6   | 5.8 | 9.2    | 13.8 | 21.9   | 23.1 |
| 80°   | 4.6   | 5.8 | 8.1    | 11.5 | 18.5   | 19.6 |
| 82.5° | 4.6   | 5.8 | 5.8    | 9.2  | 13.8   | 15.0 |
| 85°   | 3.5   | 4.6 | 4.6    | 5.8  | 9.2    | 10.4 |
| 87.5° | 3.5   | 4.6 | 3.5    | 2.3  | 4.6    | 4.6  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)