

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: P1305899

Luminaire Tested: P3SQAS13R259024DE010 E3SQCA451MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1305899  
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: P3SQAS13R259024DE010 E3SQCA451MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCA451MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

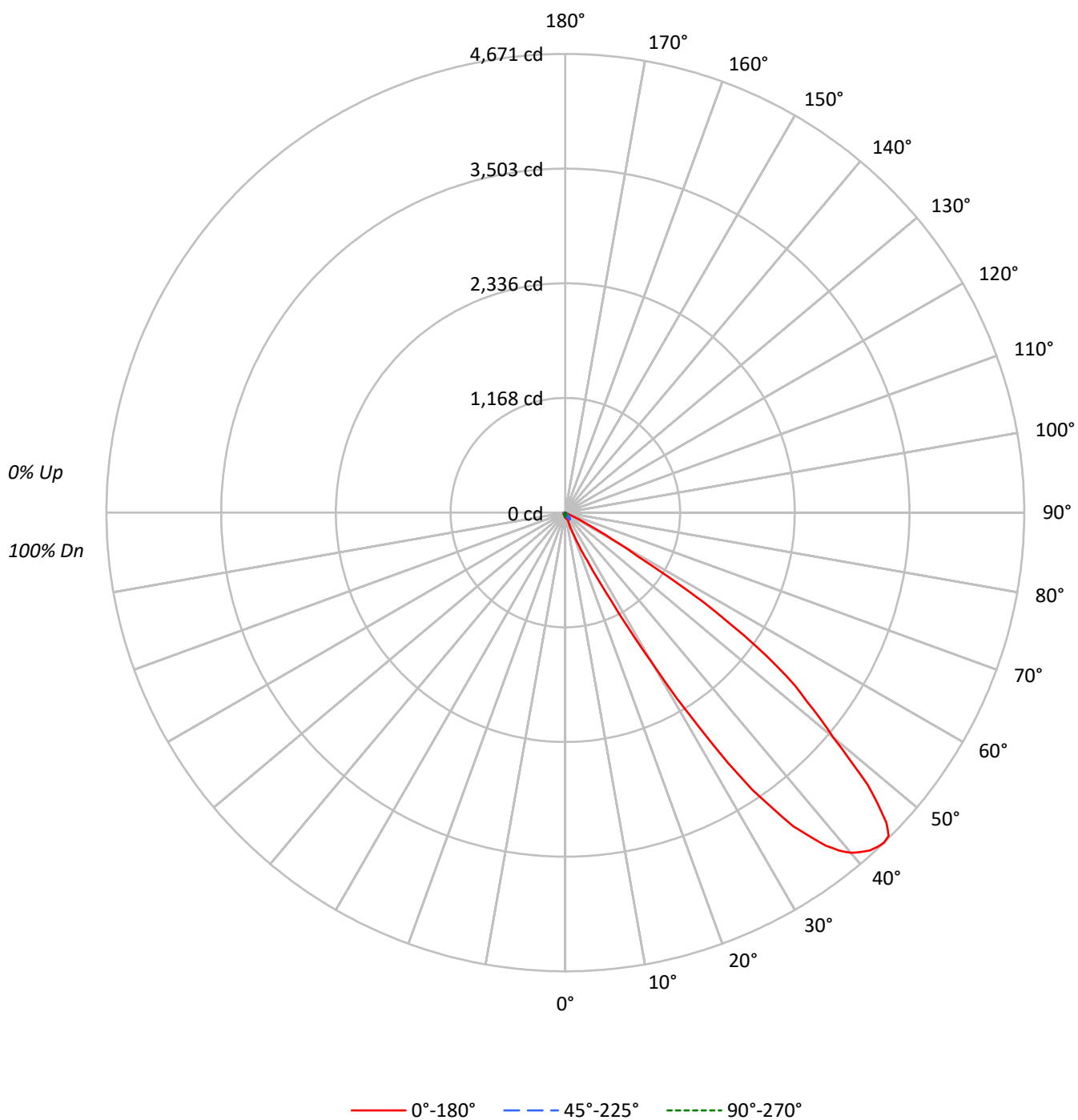
Lumens per Lamp: N/A  
Luminaire Lumens: 974.0 lumens  
Efficiency: N/A  
Efficacy: 66.7 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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

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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  | 50  | 30  | 10  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 89  | 89  | 87  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 75  | 75  | 73  |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  | 63  | 63  | 61  |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 53  | 53  | 51  |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 45  | 45  | 42  |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 37  | 37  | 35  |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 32  | 32  | 29  |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  | 27  | 27  | 25  |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 23  | 23  | 21  |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 19  | 19  | 17  |

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

|     | 0°      | 45°   | 90°  | 135° | 180°  |
|-----|---------|-------|------|------|-------|
| 0°  | 8559    | 8559  | 8559 | 8559 | 8559  |
| 5°  | 9785    | 9336  | 8298 | 7417 | 7261  |
| 10° | 9741    | 8849  | 7048 | 6138 | 6138  |
| 15° | 10858   | 7649  | 5509 | 5188 | 5509  |
| 20° | 38323   | 7533  | 4234 | 4399 | 4875  |
| 25° | 110272  | 9615  | 3420 | 4067 | 4732  |
| 30° | 351793  | 14835 | 2724 | 3918 | 4773  |
| 35° | 770527  | 17471 | 2334 | 3784 | 4857  |
| 40° | 1016459 | 15805 | 1933 | 3844 | 5193  |
| 45° | 1133526 | 11058 | 1875 | 4165 | 5626  |
| 50° | 954155  | 5734  | 1849 | 4367 | 6189  |
| 55° | 713390  | 2312  | 1802 | 4894 | 6936  |
| 60° | 220824  | 586   | 1757 | 5304 | 7681  |
| 65° | 18868   | 0     | 2078 | 5583 | 8395  |
| 70° | 1309    | 453   | 2165 | 6496 | 9517  |
| 75° | 1131    | 599   | 2861 | 6854 | 10846 |
| 80° | 893     | 893   | 4265 | 7637 | 12794 |
| 85° | 1778    | 1778  | 6719 | 8497 | 13635 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1133526 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 4.5    | 0.5       |
| 10°-20°   | 11.5   | 1.2       |
| 20°-30°   | 53.9   | 5.5       |
| 30°-40°   | 259.4  | 26.6      |
| 40°-50°   | 406.7  | 41.8      |
| 50°-60°   | 208.5  | 21.4      |
| 60°-70°   | 19.7   | 2.0       |
| 70°-80°   | 6.6    | 0.7       |
| 80°-90°   | 3.3    | 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°    | 69.8   | 7.2       |
| 0°-40°    | 329.3  | 33.8      |
| 0°-60°    | 944.4  | 97.0      |
| 0°-90°    | 974.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 974.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 50   | 50  | 50  | 50   | 50   |      |
| 5°  | 57   | 54  | 48  | 43   | 42   | 5    |
| 15° | 61   | 43  | 31  | 29   | 31   | 26   |
| 25° | 580  | 51  | 18  | 21   | 25   | 360  |
| 35° | 3665 | 83  | 11  | 18   | 23   | 2225 |
| 45° | 4654 | 45  | 8   | 17   | 23   | 3405 |
| 55° | 2376 | 8   | 6   | 16   | 23   | 1978 |
| 65° | 46   | 0   | 5   | 14   | 21   | 145  |
| 75° | 2    | 1   | 4   | 10   | 16   | 2    |
| 85° | 1    | 1   | 3   | 4    | 7    | 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°    | 49.7   | 49.7   | 49.7   | 49.7   | 49.7   | 49.7   | 49.7   | 49.7   | 49.7   | 49.7   | 49.7 |
| 2.5°  | 54.0   | 54.0   | 54.0   | 54.0   | 54.0   | 54.0   | 53.1   | 53.1   | 54.0   | 53.1   | 53.1 |
| 5°    | 56.6   | 56.6   | 56.6   | 56.6   | 56.6   | 56.6   | 56.6   | 55.7   | 55.7   | 55.7   | 54.0 |
| 7.5°  | 57.4   | 56.6   | 56.6   | 56.6   | 56.6   | 56.6   | 56.6   | 56.6   | 55.7   | 55.7   | 53.1 |
| 10°   | 55.7   | 55.7   | 55.7   | 55.7   | 54.9   | 54.9   | 54.9   | 54.0   | 54.0   | 54.0   | 50.6 |
| 12.5° | 55.7   | 55.7   | 55.7   | 55.7   | 54.9   | 54.9   | 54.0   | 54.0   | 53.1   | 52.3   | 46.3 |
| 15°   | 60.9   | 60.9   | 60.9   | 60.0   | 59.1   | 58.3   | 57.4   | 56.6   | 55.7   | 54.0   | 42.9 |
| 17.5° | 89.1   | 86.6   | 85.7   | 82.3   | 78.0   | 73.7   | 70.3   | 66.9   | 63.4   | 60.9   | 41.1 |
| 20°   | 209.1  | 208.3  | 204.0  | 193.7  | 182.6  | 169.7  | 156.8  | 142.3  | 121.7  | 108.0  | 41.1 |
| 22.5° | 362.6  | 357.4  | 349.7  | 342.0  | 322.3  | 299.1  | 275.1  | 247.7  | 221.1  | 192.8  | 43.7 |
| 25°   | 580.3  | 592.3  | 566.5  | 546.0  | 511.7  | 469.7  | 424.3  | 386.6  | 338.6  | 294.0  | 50.6 |
| 27.5° | 1008.8 | 1016.5 | 965.9  | 899.1  | 819.4  | 731.1  | 645.4  | 581.1  | 500.5  | 426.8  | 63.4 |
| 30°   | 1769.0 | 1776.8 | 1691.9 | 1549.6 | 1385.1 | 1240.2 | 1043.9 | 871.7  | 713.1  | 590.5  | 74.6 |
| 31°   | 2207.9 | 2147.9 | 2049.3 | 1911.3 | 1703.1 | 1484.5 | 1248.8 | 1040.5 | 840.0  | 678.8  | 78.0 |
| 32°   | 2589.3 | 2584.1 | 2469.3 | 2260.2 | 2051.0 | 1781.0 | 1488.8 | 1217.1 | 971.1  | 768.0  | 80.6 |
| 33°   | 3039.3 | 3005.0 | 2843.0 | 2645.9 | 2369.0 | 2097.3 | 1720.2 | 1409.9 | 1105.7 | 867.4  | 82.3 |
| 34°   | 3400.1 | 3307.5 | 3240.7 | 3015.3 | 2723.0 | 2376.7 | 1973.0 | 1613.9 | 1273.6 | 963.4  | 83.1 |
| 35°   | 3664.9 | 3645.2 | 3515.0 | 3305.0 | 3007.6 | 2653.6 | 2245.6 | 1825.6 | 1414.2 | 1074.8 | 83.1 |
| 36°   | 3945.2 | 3884.4 | 3757.5 | 3567.2 | 3277.5 | 2911.6 | 2453.9 | 2009.0 | 1577.9 | 1175.1 | 82.3 |
| 37°   | 4120.9 | 4084.9 | 3958.9 | 3762.7 | 3479.0 | 3129.3 | 2687.0 | 2202.7 | 1708.2 | 1275.4 | 80.6 |
| 38°   | 4301.8 | 4228.9 | 4104.6 | 3916.9 | 3638.4 | 3310.1 | 2855.8 | 2351.9 | 1828.2 | 1363.6 | 78.0 |
| 39°   | 4426.9 | 4351.5 | 4224.6 | 4037.8 | 3765.2 | 3439.5 | 2989.6 | 2478.7 | 1932.8 | 1429.6 | 74.6 |
| 40°   | 4521.2 | 4448.3 | 4319.8 | 4127.8 | 3858.7 | 3541.5 | 3101.0 | 2591.0 | 2020.2 | 1487.1 | 70.3 |
| 41°   | 4579.5 | 4511.8 | 4384.1 | 4192.9 | 3922.9 | 3599.8 | 3173.8 | 2663.9 | 2079.3 | 1525.6 | 66.0 |
| 42°   | 4628.3 | 4558.9 | 4428.6 | 4233.2 | 3962.4 | 3649.5 | 3218.4 | 2710.1 | 2119.6 | 1545.3 | 62.6 |
| 43°   | 4655.8 | 4586.3 | 4459.5 | 4259.8 | 3986.4 | 3672.7 | 3242.4 | 2731.6 | 2133.3 | 1542.8 | 56.6 |
| 44°   | 4671.2 | 4599.2 | 4471.5 | 4271.8 | 3996.6 | 3678.7 | 3244.1 | 2727.3 | 2123.9 | 1522.2 | 51.4 |
| 45°   | 4654.0 | 4582.9 | 4459.5 | 4259.8 | 3978.6 | 3659.8 | 3227.0 | 2704.1 | 2087.9 | 1481.9 | 45.4 |
| 46°   | 4542.6 | 4487.8 | 4374.6 | 4191.2 | 3922.1 | 3611.8 | 3183.3 | 2659.6 | 2032.2 | 1432.2 | 38.6 |
| 47°   | 4346.3 | 4302.6 | 4192.9 | 4056.6 | 3813.2 | 3523.5 | 3102.7 | 2574.7 | 1954.2 | 1357.6 | 30.9 |
| 48°   | 4141.5 | 4077.2 | 3975.2 | 3835.5 | 3629.8 | 3365.0 | 2969.8 | 2450.4 | 1835.9 | 1259.9 | 27.4 |
| 49°   | 3838.9 | 3801.2 | 3711.2 | 3555.2 | 3384.7 | 3151.5 | 2782.1 | 2291.0 | 1691.1 | 1153.7 | 24.0 |
| 50°   | 3561.2 | 3535.5 | 3409.5 | 3294.7 | 3113.8 | 2896.1 | 2527.6 | 2081.0 | 1511.1 | 1021.7 | 21.4 |
| 51°   | 3344.4 | 3313.5 | 3222.7 | 3079.5 | 2886.7 | 2633.9 | 2286.7 | 1808.5 | 1304.5 | 864.8  | 17.1 |
| 52°   | 3118.1 | 3101.0 | 3020.4 | 2873.0 | 2683.6 | 2431.6 | 2052.7 | 1577.1 | 1103.9 | 731.1  | 13.7 |
| 53°   | 2933.0 | 2908.1 | 2809.6 | 2678.4 | 2473.6 | 2213.0 | 1799.0 | 1361.9 | 935.1  | 614.5  | 12.0 |
| 54°   | 2663.0 | 2652.7 | 2589.3 | 2452.2 | 2230.2 | 1946.5 | 1569.3 | 1146.8 | 780.0  | 521.1  | 10.3 |
| 55°   | 2375.9 | 2341.6 | 2277.3 | 2168.5 | 1964.5 | 1699.6 | 1303.6 | 950.5  | 630.8  | 438.8  | 7.7  |
| 56°   | 2026.2 | 2024.5 | 1909.6 | 1818.8 | 1637.9 | 1356.8 | 1041.4 | 742.2  | 512.5  | 366.0  | 6.9  |
| 57°   | 1691.9 | 1637.9 | 1527.3 | 1437.4 | 1242.8 | 1029.4 | 773.1  | 556.3  | 401.1  | 296.6  | 5.1  |
| 58°   | 1251.4 | 1223.1 | 1193.9 | 1061.9 | 882.0  | 729.4  | 552.0  | 390.8  | 296.6  | 226.3  | 3.4  |
| 59°   | 849.4  | 848.5  | 814.2  | 714.0  | 610.3  | 454.3  | 344.6  | 265.7  | 204.0  | 166.3  | 2.6  |
| 60°   | 641.1  | 625.7  | 557.1  | 491.1  | 384.0  | 287.1  | 204.0  | 156.8  | 126.9  | 107.1  | 1.7  |
| 62.5° | 224.6  | 233.1  | 204.8  | 169.7  | 129.4  | 106.3  | 81.4   | 66.0   | 54.0   | 43.7   | 0.0  |
| 65°   | 46.3   | 50.6   | 43.7   | 41.1   | 32.6   | 28.3   | 24.9   | 21.4   | 18.0   | 15.4   | 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° | 6.0 | 5.1  | 5.1 | 5.1  | 4.3 | 4.3   | 4.3 | 4.3   | 3.4 | 3.4   | 0.9 |
| 70°   | 2.6 | 2.6  | 2.6 | 2.6  | 2.6 | 2.6   | 1.7 | 1.7   | 1.7 | 1.7   | 0.9 |
| 72.5° | 2.6 | 2.6  | 2.6 | 1.7  | 1.7 | 1.7   | 1.7 | 1.7   | 1.7 | 0.9   | 0.9 |
| 75°   | 1.7 | 1.7  | 1.7 | 1.7  | 1.7 | 1.7   | 1.7 | 0.9   | 0.9 | 0.9   | 0.9 |
| 77.5° | 1.7 | 1.7  | 1.7 | 1.7  | 1.7 | 1.7   | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 |
| 80°   | 0.9 | 0.9  | 0.9 | 0.9  | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 |
| 82.5° | 0.9 | 0.9  | 0.9 | 0.9  | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 | 0.9   | 1.7 |
| 85°   | 0.9 | 0.9  | 0.9 | 0.0  | 0.0 | 0.9   | 0.9 | 0.9   | 0.9 | 0.9   | 0.9 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.9 |
| 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°    | 49.7  | 49.7 | 49.7   | 49.7 | 49.7   | 49.7 |
| 2.5°  | 52.3  | 50.6 | 48.0   | 47.1 | 46.3   | 46.3 |
| 5°    | 51.4  | 48.0 | 45.4   | 42.9 | 42.0   | 42.0 |
| 7.5°  | 48.9  | 44.6 | 41.1   | 39.4 | 38.6   | 37.7 |
| 10°   | 46.3  | 40.3 | 36.9   | 35.1 | 35.1   | 35.1 |
| 12.5° | 41.1  | 36.0 | 32.6   | 31.7 | 32.6   | 32.6 |
| 15°   | 36.9  | 30.9 | 29.1   | 29.1 | 30.0   | 30.9 |
| 17.5° | 31.7  | 27.4 | 25.7   | 26.6 | 27.4   | 28.3 |
| 20°   | 28.3  | 23.1 | 23.1   | 24.0 | 26.6   | 26.6 |
| 22.5° | 24.9  | 20.6 | 20.6   | 23.1 | 24.9   | 25.7 |
| 25°   | 22.3  | 18.0 | 18.9   | 21.4 | 24.0   | 24.9 |
| 27.5° | 18.9  | 15.4 | 17.1   | 20.6 | 23.1   | 24.0 |
| 30°   | 16.3  | 13.7 | 16.3   | 19.7 | 22.3   | 24.0 |
| 31°   | 15.4  | 12.9 | 16.3   | 18.9 | 22.3   | 24.0 |
| 32°   | 13.7  | 12.9 | 15.4   | 18.9 | 22.3   | 23.1 |
| 33°   | 12.9  | 12.0 | 15.4   | 18.9 | 22.3   | 23.1 |
| 34°   | 12.0  | 11.1 | 14.6   | 18.9 | 22.3   | 23.1 |
| 35°   | 10.3  | 11.1 | 14.6   | 18.0 | 21.4   | 23.1 |
| 36°   | 9.4   | 10.3 | 14.6   | 18.0 | 21.4   | 23.1 |
| 37°   | 8.6   | 10.3 | 13.7   | 18.0 | 21.4   | 23.1 |
| 38°   | 7.7   | 9.4  | 13.7   | 18.0 | 21.4   | 23.1 |
| 39°   | 6.9   | 9.4  | 12.9   | 18.0 | 21.4   | 23.1 |
| 40°   | 6.0   | 8.6  | 12.9   | 17.1 | 21.4   | 23.1 |
| 41°   | 6.0   | 8.6  | 12.9   | 17.1 | 21.4   | 23.1 |
| 42°   | 5.1   | 8.6  | 12.9   | 17.1 | 21.4   | 23.1 |
| 43°   | 4.3   | 7.7  | 12.9   | 17.1 | 21.4   | 23.1 |
| 44°   | 3.4   | 7.7  | 12.0   | 17.1 | 21.4   | 23.1 |
| 45°   | 3.4   | 7.7  | 12.0   | 17.1 | 21.4   | 23.1 |
| 46°   | 2.6   | 6.9  | 12.0   | 17.1 | 21.4   | 23.1 |
| 47°   | 1.7   | 6.9  | 12.0   | 16.3 | 21.4   | 23.1 |
| 48°   | 1.7   | 6.9  | 12.0   | 16.3 | 21.4   | 23.1 |
| 49°   | 1.7   | 6.9  | 11.1   | 16.3 | 21.4   | 23.1 |
| 50°   | 1.7   | 6.9  | 11.1   | 16.3 | 21.4   | 23.1 |
| 51°   | 0.9   | 6.0  | 11.1   | 16.3 | 21.4   | 23.1 |
| 52°   | 0.9   | 6.0  | 11.1   | 16.3 | 21.4   | 24.0 |
| 53°   | 0.9   | 6.0  | 11.1   | 16.3 | 21.4   | 23.1 |
| 54°   | 0.9   | 6.0  | 10.3   | 16.3 | 21.4   | 23.1 |
| 55°   | 0.9   | 6.0  | 10.3   | 16.3 | 21.4   | 23.1 |
| 56°   | 0.9   | 5.1  | 10.3   | 15.4 | 21.4   | 23.1 |
| 57°   | 1.7   | 5.1  | 10.3   | 15.4 | 21.4   | 22.3 |
| 58°   | 1.7   | 5.1  | 10.3   | 15.4 | 20.6   | 22.3 |
| 59°   | 1.7   | 5.1  | 10.3   | 15.4 | 20.6   | 22.3 |
| 60°   | 1.7   | 5.1  | 9.4    | 15.4 | 20.6   | 22.3 |
| 62.5° | 1.7   | 5.1  | 9.4    | 14.6 | 19.7   | 21.4 |
| 65°   | 1.7   | 5.1  | 8.6    | 13.7 | 19.7   | 20.6 |



TEST NUMBER: P1305899

CATALOG NUMBER: P3SQAS13R259024DE010 E3SQCA451MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.7   | 4.3 | 8.6    | 12.9 | 18.9   | 19.7 |
| 70°   | 2.6   | 4.3 | 7.7    | 12.9 | 18.0   | 18.9 |
| 72.5° | 2.6   | 4.3 | 7.7    | 11.1 | 16.3   | 18.0 |
| 75°   | 2.6   | 4.3 | 6.9    | 10.3 | 15.4   | 16.3 |
| 77.5° | 2.6   | 4.3 | 6.0    | 9.4  | 13.7   | 14.6 |
| 80°   | 3.4   | 4.3 | 5.1    | 7.7  | 12.0   | 12.9 |
| 82.5° | 3.4   | 4.3 | 4.3    | 6.0  | 9.4    | 10.3 |
| 85°   | 2.6   | 3.4 | 3.4    | 4.3  | 6.0    | 6.9  |
| 87.5° | 2.6   | 3.4 | 2.6    | 1.7  | 3.4    | 3.4  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)