

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: P1307957

Luminaire Tested: P3SQAS13R159030DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1307957  
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: P3SQAS13R159030DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

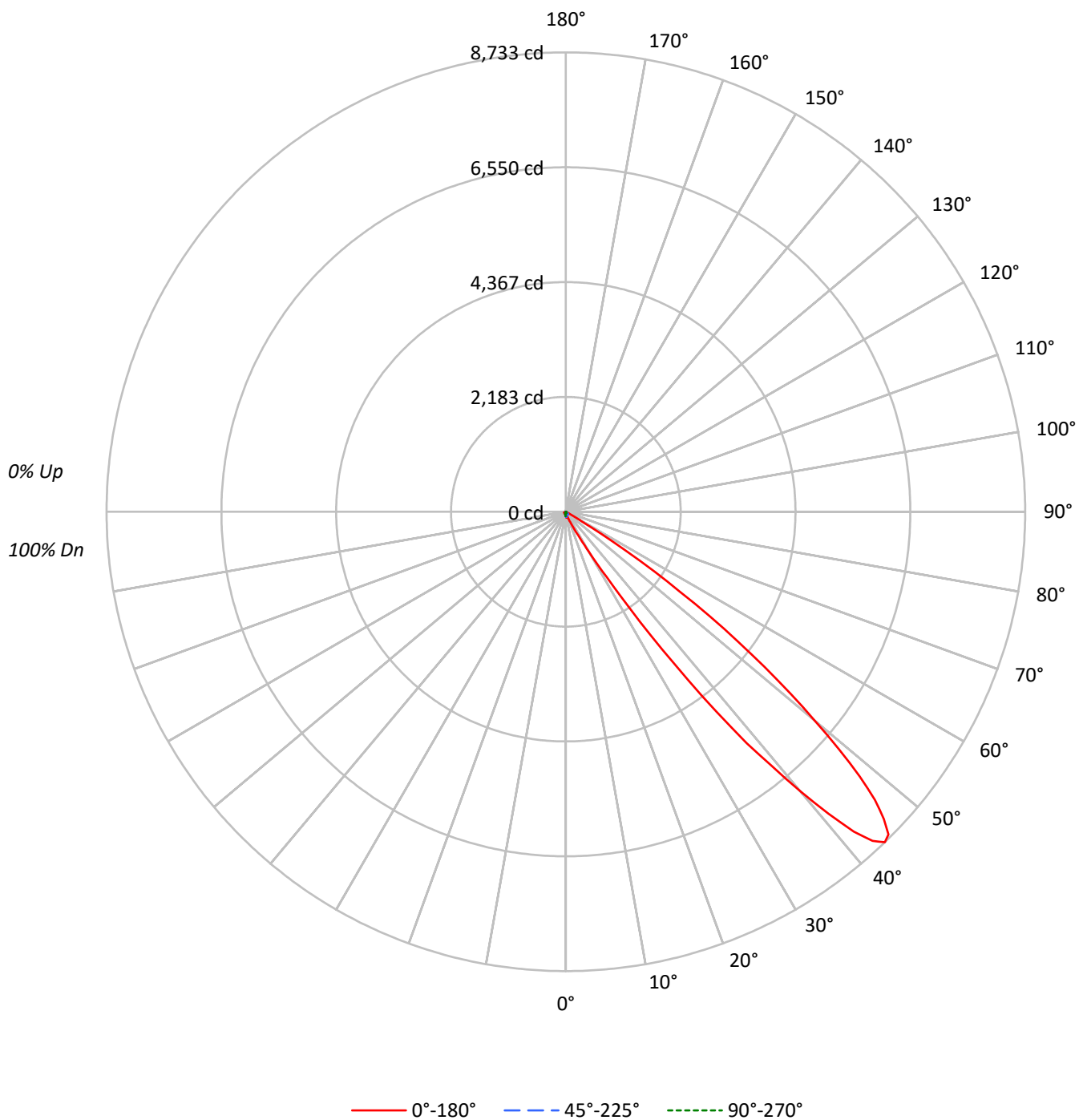
Lumens per Lamp: N/A  
Luminaire Lumens: 975.0 lumens  
Efficiency: N/A  
Efficacy: 66.8 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.09  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P1307957

CATALOG NUMBER: P3SQAS13R159030DE010 E3SQCA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1307957

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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  | 0   |
| 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  | 107 | 104 | 100 | 97  | 100 | 97  | 94  |  | 96  | 93  | 91  |  | 92  | 90  | 89  | 87  |
| 2   | 101 | 93  | 87  | 81  | 98  | 91  | 85  | 80  | 87  | 83  | 78  |  | 84  | 80  | 77  |  | 81  | 78  | 75  | 73  |
| 3   | 91  | 81  | 73  | 67  | 89  | 79  | 72  | 66  | 76  | 70  | 65  |  | 74  | 68  | 64  |  | 71  | 67  | 63  | 61  |
| 4   | 83  | 71  | 62  | 55  | 80  | 69  | 61  | 55  | 67  | 60  | 54  |  | 64  | 58  | 53  |  | 62  | 57  | 53  | 50  |
| 5   | 75  | 62  | 52  | 46  | 73  | 61  | 52  | 45  | 58  | 51  | 45  |  | 56  | 50  | 44  |  | 55  | 49  | 44  | 42  |
| 6   | 68  | 54  | 45  | 38  | 66  | 53  | 44  | 38  | 51  | 43  | 37  |  | 49  | 42  | 37  |  | 48  | 42  | 37  | 35  |
| 7   | 62  | 47  | 38  | 32  | 60  | 47  | 38  | 32  | 45  | 37  | 31  |  | 44  | 36  | 31  |  | 42  | 36  | 31  | 29  |
| 8   | 56  | 42  | 33  | 27  | 55  | 41  | 33  | 27  | 40  | 32  | 26  |  | 39  | 31  | 26  |  | 37  | 31  | 26  | 24  |
| 9   | 52  | 37  | 28  | 22  | 50  | 37  | 28  | 22  | 35  | 28  | 22  |  | 34  | 27  | 22  |  | 33  | 27  | 22  | 20  |
| 10  | 48  | 33  | 25  | 19  | 46  | 33  | 25  | 19  | 32  | 24  | 19  |  | 31  | 24  | 19  |  | 30  | 23  | 19  | 17  |

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 14897   | 14897 | 14897 | 14897 | 14897 |
| 5°  | 18481   | 16476 | 13450 | 11773 | 11600 |
| 10° | 18187   | 14113 | 10370 | 9181  | 9356  |
| 15° | 15084   | 10056 | 7453  | 7631  | 8148  |
| 20° | 26190   | 8009  | 5700  | 6598  | 7478  |
| 25° | 58376   | 9615  | 4618  | 6100  | 7012  |
| 30° | 174584  | 11793 | 4057  | 5986  | 7338  |
| 35° | 672048  | 13287 | 3679  | 6139  | 7758  |
| 40° | 1559896 | 11578 | 3507  | 6340  | 8296  |
| 45° | 2112782 | 8768  | 3069  | 6868  | 8987  |
| 50° | 1656617 | 5198  | 3135  | 7288  | 9887  |
| 55° | 795151  | 2342  | 2913  | 7867  | 10809 |
| 60° | 72678   | 344   | 2687  | 8370  | 12056 |
| 65° | 7906    | 0     | 2364  | 8721  | 13081 |
| 70° | 1964    | 0     | 2921  | 9316  | 14200 |
| 75° | 1930    | 665   | 3859  | 10381 | 16170 |
| 80° | 1884    | 1884  | 4860  | 10612 | 17356 |
| 85° | 1976    | 1976  | 7707  | 9683  | 19168 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2112782 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 7.4    | 0.8       |
| 10°-20°   | 15.4   | 1.6       |
| 20°-30°   | 36.8   | 3.8       |
| 30°-40°   | 201.7  | 20.7      |
| 40°-50°   | 488.4  | 50.1      |
| 50°-60°   | 194.8  | 20.0      |
| 60°-70°   | 16.8   | 1.7       |
| 70°-80°   | 9.5    | 1.0       |
| 80°-90°   | 4.2    | 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°    | 59.6   | 6.1       |
| 0°-40°    | 261.3  | 26.8      |
| 0°-60°    | 944.5  | 96.9      |
| 0°-90°    | 975.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 975.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 86   | 86  | 86  | 86   | 86   |      |
| 5°  | 107  | 95  | 78  | 68   | 67   | 10   |
| 15° | 85   | 56  | 42  | 43   | 46   | 29   |
| 25° | 307  | 51  | 24  | 32   | 37   | 185  |
| 35° | 3196 | 63  | 18  | 29   | 37   | 2259 |
| 45° | 8675 | 36  | 13  | 28   | 37   | 6119 |
| 55° | 2648 | 8   | 10  | 26   | 36   | 2467 |
| 65° | 19   | 0   | 6   | 21   | 32   | 50   |
| 75° | 3    | 1   | 6   | 16   | 24   | 3    |
| 85° | 1    | 1   | 4   | 5    | 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°    | 86.5   | 86.5   | 86.5   | 86.5   | 86.5   | 86.5   | 86.5   | 86.5   | 86.5   | 86.5  | 86.5 |
| 2.5°  | 97.2   | 97.2   | 98.2   | 97.2   | 97.2   | 97.2   | 97.2   | 96.2   | 96.2   | 96.2  | 93.3 |
| 5°    | 106.9  | 106.9  | 106.9  | 106.9  | 106.0  | 106.0  | 106.0  | 105.0  | 105.0  | 104.0 | 95.3 |
| 7.5°  | 110.8  | 110.8  | 109.9  | 109.9  | 108.9  | 108.9  | 107.9  | 106.9  | 106.0  | 105.0 | 91.4 |
| 10°   | 104.0  | 104.0  | 104.0  | 103.0  | 103.0  | 102.1  | 101.1  | 100.1  | 99.2   | 97.2  | 80.7 |
| 12.5° | 92.4   | 92.4   | 93.3   | 92.4   | 91.4   | 90.4   | 88.5   | 87.5   | 86.5   | 84.6  | 67.1 |
| 15°   | 84.6   | 84.6   | 84.6   | 83.6   | 82.6   | 80.7   | 79.7   | 77.8   | 76.8   | 73.9  | 56.4 |
| 17.5° | 107.9  | 107.9  | 106.9  | 105.0  | 101.1  | 98.2   | 93.3   | 89.4   | 84.6   | 78.7  | 48.6 |
| 20°   | 142.9  | 142.9  | 141.0  | 139.0  | 134.2  | 129.3  | 121.5  | 114.7  | 106.9  | 100.1 | 43.7 |
| 22.5° | 207.1  | 210.0  | 204.2  | 197.3  | 190.5  | 178.9  | 168.2  | 157.5  | 143.9  | 132.2 | 44.7 |
| 25°   | 307.2  | 310.1  | 307.2  | 291.7  | 279.0  | 263.5  | 243.0  | 221.7  | 198.3  | 176.9 | 50.6 |
| 27.5° | 497.7  | 499.7  | 494.8  | 456.9  | 436.5  | 395.7  | 359.7  | 324.7  | 285.8  | 246.9 | 55.4 |
| 30°   | 877.9  | 878.8  | 847.7  | 771.9  | 704.8  | 615.4  | 539.6  | 466.6  | 405.4  | 343.2 | 59.3 |
| 31°   | 1155.9 | 1128.7 | 1062.6 | 971.2  | 864.3  | 743.7  | 639.7  | 545.4  | 454.0  | 386.9 | 60.3 |
| 32°   | 1468.0 | 1464.1 | 1354.2 | 1195.8 | 1052.9 | 902.2  | 745.7  | 625.1  | 520.1  | 428.7 | 61.2 |
| 33°   | 1881.1 | 1883.1 | 1710.0 | 1523.4 | 1289.1 | 1086.9 | 881.8  | 716.5  | 590.1  | 478.3 | 63.2 |
| 34°   | 2526.7 | 2375.0 | 2171.8 | 1919.1 | 1600.2 | 1295.9 | 1029.5 | 822.5  | 653.3  | 525.9 | 63.2 |
| 35°   | 3196.5 | 3043.9 | 2820.3 | 2437.2 | 1999.7 | 1573.9 | 1205.5 | 936.2  | 729.1  | 577.5 | 63.2 |
| 36°   | 3947.0 | 3817.7 | 3479.4 | 2990.4 | 2432.4 | 1836.4 | 1392.1 | 1067.4 | 804.0  | 624.1 | 62.2 |
| 37°   | 4757.8 | 4568.2 | 4193.0 | 3659.2 | 2912.6 | 2205.8 | 1619.6 | 1197.7 | 878.8  | 674.7 | 60.3 |
| 38°   | 5581.2 | 5410.1 | 4936.7 | 4290.2 | 3486.2 | 2595.7 | 1847.1 | 1323.1 | 947.9  | 712.6 | 57.4 |
| 39°   | 6205.3 | 6112.0 | 5642.5 | 4920.1 | 3944.1 | 2965.1 | 2081.4 | 1457.3 | 1020.8 | 750.5 | 54.4 |
| 40°   | 6938.4 | 6787.7 | 6342.4 | 5449.0 | 4485.6 | 3341.3 | 2310.8 | 1575.9 | 1081.0 | 780.6 | 51.5 |
| 41°   | 7607.2 | 7416.7 | 6854.7 | 5991.5 | 4919.2 | 3679.7 | 2528.6 | 1698.4 | 1129.7 | 798.1 | 49.6 |
| 42°   | 8180.8 | 7959.1 | 7371.9 | 6456.2 | 5281.8 | 3949.9 | 2702.6 | 1785.9 | 1175.3 | 812.7 | 46.7 |
| 43°   | 8552.2 | 8360.6 | 7783.2 | 6805.2 | 5591.9 | 4197.8 | 2865.0 | 1877.3 | 1203.5 | 822.5 | 42.8 |
| 44°   | 8733.0 | 8539.5 | 7980.5 | 7023.9 | 5782.4 | 4346.6 | 2970.0 | 1940.4 | 1234.7 | 835.1 | 39.9 |
| 45°   | 8674.6 | 8478.3 | 7937.7 | 7027.8 | 5841.7 | 4400.0 | 3014.7 | 1968.6 | 1251.2 | 846.8 | 36.0 |
| 46°   | 8407.3 | 8269.3 | 7724.8 | 6845.0 | 5729.0 | 4342.7 | 2989.4 | 1947.2 | 1245.3 | 846.8 | 32.1 |
| 47°   | 8032.0 | 7874.6 | 7356.4 | 6531.0 | 5455.8 | 4194.9 | 2887.3 | 1882.1 | 1209.4 | 827.3 | 28.2 |
| 48°   | 7520.7 | 7386.5 | 6842.1 | 6032.3 | 5036.8 | 3873.1 | 2656.9 | 1776.1 | 1153.0 | 789.4 | 24.3 |
| 49°   | 6879.1 | 6692.4 | 6185.9 | 5394.6 | 4490.4 | 3416.2 | 2354.6 | 1597.3 | 1062.6 | 735.9 | 21.4 |
| 50°   | 6183.0 | 5952.6 | 5561.8 | 4755.8 | 3925.6 | 2929.1 | 1957.0 | 1350.3 | 935.2  | 665.9 | 19.4 |
| 51°   | 5501.5 | 5267.2 | 4894.9 | 4209.5 | 3322.9 | 2430.4 | 1578.8 | 1078.1 | 770.0  | 569.7 | 16.5 |
| 52°   | 4794.7 | 4598.3 | 4181.3 | 3642.7 | 2844.6 | 1969.6 | 1315.3 | 911.9  | 639.7  | 478.3 | 13.6 |
| 53°   | 4090.9 | 3956.7 | 3560.1 | 3014.7 | 2285.6 | 1608.9 | 1074.2 | 780.6  | 558.0  | 409.3 | 10.7 |
| 54°   | 3386.1 | 3239.3 | 2937.9 | 2451.8 | 1842.3 | 1269.6 | 910.9  | 653.3  | 484.1  | 356.8 | 9.7  |
| 55°   | 2648.2 | 2572.4 | 2294.3 | 1869.5 | 1396.0 | 1013.0 | 738.8  | 561.9  | 405.4  | 298.5 | 7.8  |
| 56°   | 2039.6 | 1954.1 | 1700.3 | 1356.2 | 1037.3 | 793.3  | 597.9  | 458.9  | 343.2  | 249.8 | 5.8  |
| 57°   | 1335.8 | 1248.3 | 1080.1 | 946.9  | 755.4  | 578.4  | 456.9  | 361.6  | 279.0  | 207.1 | 4.9  |
| 58°   | 789.4  | 709.7  | 683.4  | 583.3  | 503.6  | 392.8  | 337.3  | 269.3  | 206.1  | 163.3 | 2.9  |
| 59°   | 362.6  | 368.5  | 327.6  | 307.2  | 279.0  | 249.8  | 205.1  | 179.9  | 141.0  | 117.6 | 1.9  |
| 60°   | 211.0  | 199.3  | 194.4  | 174.0  | 154.6  | 137.1  | 123.5  | 108.9  | 88.5   | 75.8  | 1.0  |
| 62.5° | 71.9   | 69.0   | 71.0   | 64.2   | 60.3   | 58.3   | 53.5   | 45.7   | 37.9   | 31.1  | 0.0  |
| 65°   | 19.4   | 19.4   | 18.5   | 17.5   | 16.5   | 15.6   | 14.6   | 12.6   | 11.7   | 9.7   | 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° | 6.8 | 6.8  | 5.8 | 5.8  | 4.9 | 4.9   | 3.9 | 3.9   | 2.9 | 2.9   | 0.0 |
| 70°   | 3.9 | 3.9  | 3.9 | 2.9  | 2.9 | 2.9   | 1.9 | 1.9   | 1.9 | 1.0   | 0.0 |
| 72.5° | 2.9 | 2.9  | 2.9 | 2.9  | 2.9 | 2.9   | 1.9 | 1.9   | 1.9 | 1.0   | 1.0 |
| 75°   | 2.9 | 2.9  | 2.9 | 1.9  | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.0 |
| 77.5° | 1.9 | 1.9  | 1.9 | 1.9  | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 |
| 80°   | 1.9 | 1.9  | 1.9 | 1.9  | 1.9 | 1.9   | 1.9 | 1.9   | 1.9 | 1.0   | 1.9 |
| 82.5° | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.9 |
| 85°   | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.0 |
| 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°    | 86.5  | 86.5 | 86.5   | 86.5 | 86.5   | 86.5 |
| 2.5°  | 89.4  | 85.6 | 80.7   | 77.8 | 76.8   | 75.8 |
| 5°    | 85.6  | 77.8 | 71.9   | 68.1 | 67.1   | 67.1 |
| 7.5°  | 76.8  | 68.1 | 62.2   | 60.3 | 59.3   | 59.3 |
| 10°   | 67.1  | 59.3 | 54.4   | 52.5 | 53.5   | 53.5 |
| 12.5° | 56.4  | 49.6 | 47.6   | 47.6 | 48.6   | 49.6 |
| 15°   | 45.7  | 41.8 | 41.8   | 42.8 | 44.7   | 45.7 |
| 17.5° | 37.9  | 36.0 | 36.9   | 38.9 | 40.8   | 42.8 |
| 20°   | 31.1  | 31.1 | 33.1   | 36.0 | 38.9   | 40.8 |
| 22.5° | 26.2  | 27.2 | 30.1   | 33.1 | 36.9   | 38.9 |
| 25°   | 22.4  | 24.3 | 27.2   | 32.1 | 36.0   | 36.9 |
| 27.5° | 19.4  | 22.4 | 26.2   | 31.1 | 35.0   | 36.9 |
| 30°   | 16.5  | 20.4 | 25.3   | 30.1 | 35.0   | 36.9 |
| 31°   | 15.6  | 19.4 | 24.3   | 30.1 | 35.0   | 36.9 |
| 32°   | 14.6  | 19.4 | 24.3   | 30.1 | 35.0   | 36.9 |
| 33°   | 13.6  | 18.5 | 24.3   | 29.2 | 35.0   | 36.9 |
| 34°   | 12.6  | 18.5 | 24.3   | 30.1 | 35.0   | 36.9 |
| 35°   | 11.7  | 17.5 | 23.3   | 29.2 | 34.0   | 36.9 |
| 36°   | 10.7  | 17.5 | 23.3   | 29.2 | 35.0   | 36.9 |
| 37°   | 9.7   | 17.5 | 23.3   | 29.2 | 34.0   | 36.9 |
| 38°   | 9.7   | 16.5 | 22.4   | 29.2 | 34.0   | 36.9 |
| 39°   | 8.7   | 15.6 | 22.4   | 29.2 | 34.0   | 36.9 |
| 40°   | 7.8   | 15.6 | 21.4   | 28.2 | 34.0   | 36.9 |
| 41°   | 6.8   | 14.6 | 21.4   | 28.2 | 34.0   | 36.9 |
| 42°   | 5.8   | 14.6 | 21.4   | 28.2 | 34.0   | 36.9 |
| 43°   | 4.9   | 13.6 | 20.4   | 28.2 | 34.0   | 36.9 |
| 44°   | 4.9   | 13.6 | 20.4   | 28.2 | 34.0   | 36.9 |
| 45°   | 3.9   | 12.6 | 19.4   | 28.2 | 34.0   | 36.9 |
| 46°   | 3.9   | 12.6 | 19.4   | 27.2 | 34.0   | 36.9 |
| 47°   | 2.9   | 12.6 | 19.4   | 27.2 | 34.0   | 36.9 |
| 48°   | 2.9   | 11.7 | 19.4   | 27.2 | 34.0   | 36.9 |
| 49°   | 1.9   | 11.7 | 19.4   | 27.2 | 34.0   | 36.9 |
| 50°   | 1.9   | 11.7 | 18.5   | 27.2 | 34.0   | 36.9 |
| 51°   | 1.9   | 11.7 | 18.5   | 27.2 | 34.0   | 36.9 |
| 52°   | 1.9   | 10.7 | 18.5   | 27.2 | 34.0   | 36.9 |
| 53°   | 1.9   | 10.7 | 18.5   | 27.2 | 34.0   | 36.9 |
| 54°   | 1.9   | 10.7 | 17.5   | 27.2 | 34.0   | 36.9 |
| 55°   | 1.9   | 9.7  | 17.5   | 26.2 | 34.0   | 36.0 |
| 56°   | 1.9   | 9.7  | 17.5   | 26.2 | 34.0   | 36.0 |
| 57°   | 1.9   | 9.7  | 16.5   | 26.2 | 34.0   | 36.0 |
| 58°   | 1.9   | 8.7  | 16.5   | 25.3 | 33.1   | 36.0 |
| 59°   | 1.9   | 8.7  | 15.6   | 25.3 | 33.1   | 35.0 |
| 60°   | 1.9   | 7.8  | 15.6   | 24.3 | 32.1   | 35.0 |
| 62.5° | 1.9   | 6.8  | 13.6   | 23.3 | 31.1   | 33.1 |
| 65°   | 1.9   | 5.8  | 12.6   | 21.4 | 30.1   | 32.1 |





TEST NUMBER: P1307957

CATALOG NUMBER: P3SQAS13R159030DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 1.9   | 5.8 | 11.7   | 20.4 | 28.2   | 31.1 |
| 70°   | 1.9   | 5.8 | 10.7   | 18.5 | 27.2   | 28.2 |
| 72.5° | 2.9   | 5.8 | 9.7    | 17.5 | 25.3   | 26.2 |
| 75°   | 3.9   | 5.8 | 8.7    | 15.6 | 23.3   | 24.3 |
| 77.5° | 3.9   | 5.8 | 7.8    | 13.6 | 20.4   | 21.4 |
| 80°   | 3.9   | 4.9 | 6.8    | 10.7 | 16.5   | 17.5 |
| 82.5° | 3.9   | 4.9 | 4.9    | 8.7  | 12.6   | 13.6 |
| 85°   | 2.9   | 3.9 | 3.9    | 4.9  | 8.7    | 9.7  |
| 87.5° | 2.9   | 3.9 | 1.9    | 2.9  | 3.9    | 3.9  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)