

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: P1312534

Luminaire Tested: P3SQAS17R159727DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1312534  
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: P3SQAS17R159727DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

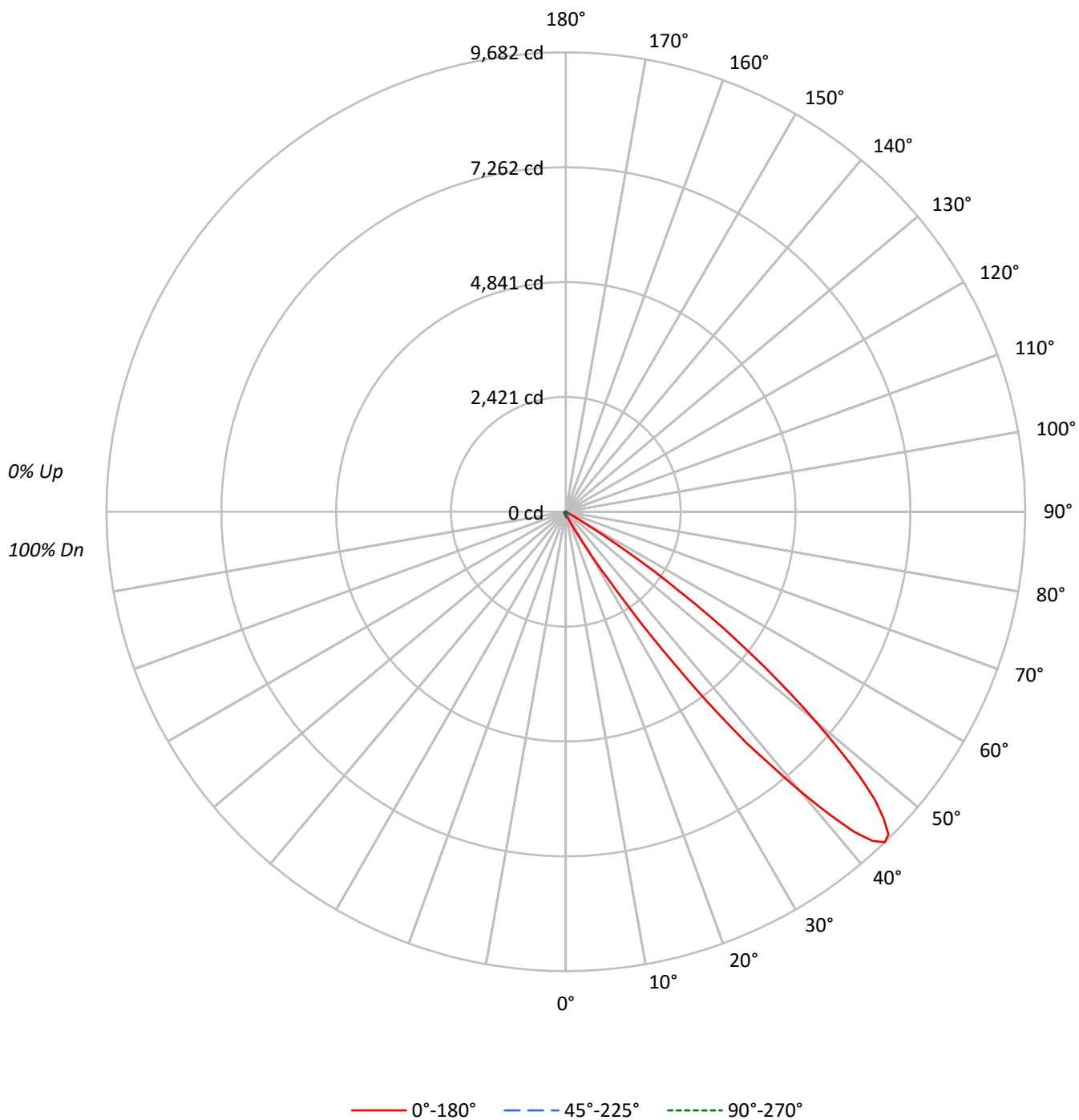
Lumens per Lamp: N/A  
Luminaire Lumens: 1081.0 lumens  
Efficiency: N/A  
Efficacy: 51.0 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

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: P1312534

CATALOG NUMBER: P3SQAS17R159727DE010 E3SQCA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1312534

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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  | 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°  | 16516   | 16516 | 16516 | 16516 | 16516 |
| 5°  | 20504   | 18256 | 14902 | 13052 | 12862 |
| 10° | 20164   | 15652 | 11490 | 10178 | 10370 |
| 15° | 16724   | 11144 | 8255  | 8451  | 9040  |
| 20° | 29031   | 8889  | 6323  | 7313  | 8302  |
| 25° | 64723   | 10641 | 5112  | 6765  | 7791  |
| 30° | 193556  | 13065 | 4494  | 6642  | 8153  |
| 35° | 745108  | 14738 | 4079  | 6791  | 8620  |
| 40° | 1729478 | 12837 | 3867  | 7037  | 9218  |
| 45° | 2342483 | 9718  | 3410  | 7623  | 9986  |
| 50° | 1836720 | 5787  | 3456  | 8092  | 10985 |
| 55° | 881596  | 2582  | 3243  | 8738  | 11980 |
| 60° | 80566   | 379   | 2962  | 9266  | 13364 |
| 65° | 8802    | 0     | 2649  | 9658  | 14507 |
| 70° | 2165    | 0     | 3273  | 10323 | 15761 |
| 75° | 2129    | 732   | 4325  | 11445 | 17900 |
| 80° | 2182    | 2182  | 5356  | 11802 | 19241 |
| 85° | 2174    | 2174  | 8497  | 10671 | 21341 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2342483 cd/sqm

TEST NUMBER: P1312534

CATALOG NUMBER: P3SQAS17R159727DE010 E3SQCA451MB

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 8.2    | 0.8       |
| 10°-20°   | 17.0   | 1.6       |
| 20°-30°   | 40.8   | 3.8       |
| 30°-40°   | 223.6  | 20.7      |
| 40°-50°   | 541.5  | 50.1      |
| 50°-60°   | 216.0  | 20.0      |
| 60°-70°   | 18.7   | 1.7       |
| 70°-80°   | 10.5   | 1.0       |
| 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°    | 66.1   | 6.1       |
| 0°-40°    | 289.7  | 26.8      |
| 0°-60°    | 1047.2 | 96.9      |
| 0°-90°    | 1081.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1081.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 96   | 96  | 96  | 96   | 96   |      |
| 5°  | 119  | 106 | 86  | 76   | 74   | 11   |
| 15° | 94   | 62  | 46  | 47   | 51   | 33   |
| 25° | 341  | 56  | 27  | 36   | 41   | 205  |
| 35° | 3544 | 70  | 19  | 32   | 41   | 2504 |
| 45° | 9618 | 40  | 14  | 31   | 41   | 6785 |
| 55° | 2936 | 9   | 11  | 29   | 40   | 2735 |
| 65° | 22   | 0   | 6   | 24   | 36   | 55   |
| 75° | 3    | 1   | 6   | 17   | 27   | 3    |
| 85° | 1    | 1   | 4   | 5    | 11   | 1    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1312534

CATALOG NUMBER: P3SQAS17R159727DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5° | 45°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°    | 95.9   | 95.9   | 95.9   | 95.9   | 95.9   | 95.9   | 95.9   | 95.9   | 95.9   | 95.9  | 95.9  |
| 2.5°  | 107.8  | 107.8  | 108.9  | 107.8  | 107.8  | 107.8  | 107.8  | 106.7  | 106.7  | 106.7 | 103.5 |
| 5°    | 118.6  | 118.6  | 118.6  | 118.6  | 117.5  | 117.5  | 117.5  | 116.4  | 116.4  | 115.3 | 105.6 |
| 7.5°  | 122.9  | 122.9  | 121.8  | 121.8  | 120.7  | 120.7  | 119.6  | 118.6  | 117.5  | 116.4 | 101.3 |
| 10°   | 115.3  | 115.3  | 115.3  | 114.3  | 114.3  | 113.2  | 112.1  | 111.0  | 109.9  | 107.8 | 89.5  |
| 12.5° | 102.4  | 102.4  | 103.5  | 102.4  | 101.3  | 100.2  | 98.1   | 97.0   | 95.9   | 93.8  | 74.4  |
| 15°   | 93.8   | 93.8   | 93.8   | 92.7   | 91.6   | 89.5   | 88.4   | 86.2   | 85.2   | 81.9  | 62.5  |
| 17.5° | 119.6  | 119.6  | 118.6  | 116.4  | 112.1  | 108.9  | 103.5  | 99.2   | 93.8   | 87.3  | 53.9  |
| 20°   | 158.4  | 158.4  | 156.3  | 154.1  | 148.7  | 143.4  | 134.7  | 127.2  | 118.6  | 111.0 | 48.5  |
| 22.5° | 229.6  | 232.8  | 226.4  | 218.8  | 211.3  | 198.3  | 186.5  | 174.6  | 159.5  | 146.6 | 49.6  |
| 25°   | 340.6  | 343.8  | 340.6  | 323.4  | 309.3  | 292.1  | 269.5  | 245.8  | 219.9  | 196.2 | 56.0  |
| 27.5° | 551.9  | 554.0  | 548.6  | 506.6  | 484.0  | 438.7  | 398.8  | 360.0  | 316.9  | 273.8 | 61.4  |
| 30°   | 973.3  | 974.4  | 939.9  | 855.8  | 781.4  | 682.3  | 598.2  | 517.4  | 449.5  | 380.5 | 65.7  |
| 31°   | 1281.6 | 1251.4 | 1178.1 | 1076.8 | 958.2  | 824.6  | 709.2  | 604.7  | 503.4  | 429.0 | 66.8  |
| 32°   | 1627.6 | 1623.3 | 1501.5 | 1325.8 | 1167.3 | 1000.3 | 826.7  | 693.1  | 576.7  | 475.3 | 67.9  |
| 33°   | 2085.7 | 2087.8 | 1896.0 | 1689.0 | 1429.2 | 1205.0 | 977.6  | 794.4  | 654.3  | 530.3 | 70.1  |
| 34°   | 2801.4 | 2633.2 | 2407.9 | 2127.7 | 1774.2 | 1436.8 | 1141.5 | 911.9  | 724.3  | 583.1 | 70.1  |
| 35°   | 3544.0 | 3374.8 | 3126.9 | 2702.2 | 2217.2 | 1745.1 | 1336.5 | 1038.0 | 808.4  | 640.2 | 70.1  |
| 36°   | 4376.1 | 4232.8 | 3857.7 | 3315.5 | 2696.8 | 2036.1 | 1543.5 | 1183.5 | 891.4  | 692.0 | 69.0  |
| 37°   | 5275.0 | 5064.9 | 4648.8 | 4057.1 | 3229.3 | 2445.7 | 1795.7 | 1327.9 | 974.4  | 748.0 | 66.8  |
| 38°   | 6188.0 | 5998.3 | 5473.4 | 4756.6 | 3865.2 | 2877.9 | 2047.9 | 1467.0 | 1050.9 | 790.1 | 63.6  |
| 39°   | 6880.0 | 6776.5 | 6255.9 | 5455.0 | 4372.9 | 3287.5 | 2307.7 | 1615.7 | 1131.8 | 832.1 | 60.4  |
| 40°   | 7692.7 | 7525.6 | 7032.0 | 6041.4 | 4973.2 | 3704.6 | 2562.1 | 1747.2 | 1198.6 | 865.5 | 57.1  |
| 41°   | 8434.2 | 8223.0 | 7600.0 | 6642.8 | 5454.0 | 4079.7 | 2803.5 | 1883.0 | 1252.5 | 884.9 | 55.0  |
| 42°   | 9070.2 | 8824.4 | 8173.4 | 7158.1 | 5856.0 | 4379.3 | 2996.4 | 1980.0 | 1303.1 | 901.1 | 51.7  |
| 43°   | 9481.9 | 9269.6 | 8629.3 | 7545.0 | 6199.8 | 4654.2 | 3176.4 | 2081.3 | 1334.4 | 911.9 | 47.4  |
| 44°   | 9682.4 | 9467.9 | 8848.1 | 7787.5 | 6411.1 | 4819.1 | 3292.9 | 2151.4 | 1368.9 | 925.9 | 44.2  |
| 45°   | 9617.7 | 9400.0 | 8800.7 | 7791.8 | 6476.9 | 4878.4 | 3342.4 | 2182.7 | 1387.2 | 938.8 | 39.9  |
| 46°   | 9321.3 | 9168.3 | 8564.7 | 7589.2 | 6351.8 | 4814.8 | 3314.4 | 2159.0 | 1380.7 | 938.8 | 35.6  |
| 47°   | 8905.3 | 8730.7 | 8156.2 | 7241.1 | 6048.9 | 4651.0 | 3201.2 | 2086.7 | 1340.9 | 917.3 | 31.3  |
| 48°   | 8338.3 | 8189.6 | 7586.0 | 6688.1 | 5584.4 | 4294.2 | 2945.8 | 1969.2 | 1278.3 | 875.2 | 26.9  |
| 49°   | 7626.9 | 7420.0 | 6858.4 | 5981.0 | 4978.6 | 3787.6 | 2610.6 | 1770.9 | 1178.1 | 815.9 | 23.7  |
| 50°   | 6855.2 | 6599.7 | 6166.4 | 5272.9 | 4352.4 | 3247.6 | 2169.7 | 1497.1 | 1036.9 | 738.3 | 21.6  |
| 51°   | 6099.6 | 5839.8 | 5427.0 | 4667.1 | 3684.1 | 2694.6 | 1750.4 | 1195.3 | 853.7  | 631.6 | 18.3  |
| 52°   | 5316.0 | 5098.3 | 4635.9 | 4038.7 | 3153.8 | 2183.7 | 1458.3 | 1011.0 | 709.2  | 530.3 | 15.1  |
| 53°   | 4535.6 | 4386.9 | 3947.1 | 3342.4 | 2534.0 | 1783.9 | 1191.0 | 865.5  | 618.7  | 453.8 | 11.9  |
| 54°   | 3754.2 | 3591.4 | 3257.3 | 2718.4 | 2042.5 | 1407.7 | 1010.0 | 724.3  | 536.8  | 395.6 | 10.8  |
| 55°   | 2936.1 | 2852.0 | 2543.7 | 2072.7 | 1547.8 | 1123.1 | 819.2  | 623.0  | 449.5  | 330.9 | 8.6   |
| 56°   | 2261.3 | 2166.5 | 1885.2 | 1503.6 | 1150.1 | 879.5  | 662.9  | 508.7  | 380.5  | 277.0 | 6.5   |
| 57°   | 1481.0 | 1384.0 | 1197.5 | 1049.8 | 837.5  | 641.3  | 506.6  | 401.0  | 309.3  | 229.6 | 5.4   |
| 58°   | 875.2  | 786.8  | 757.7  | 646.7  | 558.3  | 435.5  | 374.0  | 298.6  | 228.5  | 181.1 | 3.2   |
| 59°   | 402.0  | 408.5  | 363.2  | 340.6  | 309.3  | 277.0  | 227.4  | 199.4  | 156.3  | 130.4 | 2.2   |
| 60°   | 233.9  | 221.0  | 215.6  | 192.9  | 171.4  | 152.0  | 136.9  | 120.7  | 98.1   | 84.1  | 1.1   |
| 62.5° | 79.8   | 76.5   | 78.7   | 71.1   | 66.8   | 64.7   | 59.3   | 50.7   | 42.0   | 34.5  | 0.0   |
| 65°   | 21.6   | 21.6   | 20.5   | 19.4   | 18.3   | 17.2   | 16.2   | 14.0   | 12.9   | 10.8  | 0.0   |



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CATALOG NUMBER: P3SQAS17R159727DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 7.5 | 7.5  | 6.5 | 6.5  | 5.4 | 5.4   | 4.3 | 4.3   | 3.2 | 3.2   | 0.0 |
| 70°   | 4.3 | 4.3  | 4.3 | 3.2  | 3.2 | 3.2   | 2.2 | 2.2   | 2.2 | 1.1   | 0.0 |
| 72.5° | 3.2 | 3.2  | 3.2 | 3.2  | 3.2 | 3.2   | 2.2 | 2.2   | 2.2 | 1.1   | 1.1 |
| 75°   | 3.2 | 3.2  | 3.2 | 2.2  | 2.2 | 2.2   | 2.2 | 2.2   | 2.2 | 2.2   | 1.1 |
| 77.5° | 2.2 | 2.2  | 2.2 | 2.2  | 2.2 | 2.2   | 2.2 | 2.2   | 2.2 | 2.2   | 2.2 |
| 80°   | 2.2 | 2.2  | 2.2 | 2.2  | 2.2 | 2.2   | 2.2 | 2.2   | 2.2 | 1.1   | 2.2 |
| 82.5° | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 | 1.1   | 2.2 |
| 85°   | 1.1 | 1.1  | 1.1 | 1.1  | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 | 1.1   | 1.1 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.1 |
| 90°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

TEST NUMBER: P1312534

CATALOG NUMBER: P3SQAS17R159727DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 95.9  | 95.9 | 95.9   | 95.9 | 95.9   | 95.9 |
| 2.5°  | 99.2  | 94.9 | 89.5   | 86.2 | 85.2   | 84.1 |
| 5°    | 94.9  | 86.2 | 79.8   | 75.5 | 74.4   | 74.4 |
| 7.5°  | 85.2  | 75.5 | 69.0   | 66.8 | 65.7   | 65.7 |
| 10°   | 74.4  | 65.7 | 60.4   | 58.2 | 59.3   | 59.3 |
| 12.5° | 62.5  | 55.0 | 52.8   | 52.8 | 53.9   | 55.0 |
| 15°   | 50.7  | 46.3 | 46.3   | 47.4 | 49.6   | 50.7 |
| 17.5° | 42.0  | 39.9 | 41.0   | 43.1 | 45.3   | 47.4 |
| 20°   | 34.5  | 34.5 | 36.6   | 39.9 | 43.1   | 45.3 |
| 22.5° | 29.1  | 30.2 | 33.4   | 36.6 | 41.0   | 43.1 |
| 25°   | 24.8  | 26.9 | 30.2   | 35.6 | 39.9   | 41.0 |
| 27.5° | 21.6  | 24.8 | 29.1   | 34.5 | 38.8   | 41.0 |
| 30°   | 18.3  | 22.6 | 28.0   | 33.4 | 38.8   | 41.0 |
| 31°   | 17.2  | 21.6 | 26.9   | 33.4 | 38.8   | 41.0 |
| 32°   | 16.2  | 21.6 | 26.9   | 33.4 | 38.8   | 41.0 |
| 33°   | 15.1  | 20.5 | 26.9   | 32.3 | 38.8   | 41.0 |
| 34°   | 14.0  | 20.5 | 26.9   | 33.4 | 38.8   | 41.0 |
| 35°   | 12.9  | 19.4 | 25.9   | 32.3 | 37.7   | 41.0 |
| 36°   | 11.9  | 19.4 | 25.9   | 32.3 | 38.8   | 41.0 |
| 37°   | 10.8  | 19.4 | 25.9   | 32.3 | 37.7   | 41.0 |
| 38°   | 10.8  | 18.3 | 24.8   | 32.3 | 37.7   | 41.0 |
| 39°   | 9.7   | 17.2 | 24.8   | 32.3 | 37.7   | 41.0 |
| 40°   | 8.6   | 17.2 | 23.7   | 31.3 | 37.7   | 41.0 |
| 41°   | 7.5   | 16.2 | 23.7   | 31.3 | 37.7   | 41.0 |
| 42°   | 6.5   | 16.2 | 23.7   | 31.3 | 37.7   | 41.0 |
| 43°   | 5.4   | 15.1 | 22.6   | 31.3 | 37.7   | 41.0 |
| 44°   | 5.4   | 15.1 | 22.6   | 31.3 | 37.7   | 41.0 |
| 45°   | 4.3   | 14.0 | 21.6   | 31.3 | 37.7   | 41.0 |
| 46°   | 4.3   | 14.0 | 21.6   | 30.2 | 37.7   | 41.0 |
| 47°   | 3.2   | 14.0 | 21.6   | 30.2 | 37.7   | 41.0 |
| 48°   | 3.2   | 12.9 | 21.6   | 30.2 | 37.7   | 41.0 |
| 49°   | 2.2   | 12.9 | 21.6   | 30.2 | 37.7   | 41.0 |
| 50°   | 2.2   | 12.9 | 20.5   | 30.2 | 37.7   | 41.0 |
| 51°   | 2.2   | 12.9 | 20.5   | 30.2 | 37.7   | 41.0 |
| 52°   | 2.2   | 11.9 | 20.5   | 30.2 | 37.7   | 41.0 |
| 53°   | 2.2   | 11.9 | 20.5   | 30.2 | 37.7   | 41.0 |
| 54°   | 2.2   | 11.9 | 19.4   | 30.2 | 37.7   | 41.0 |
| 55°   | 2.2   | 10.8 | 19.4   | 29.1 | 37.7   | 39.9 |
| 56°   | 2.2   | 10.8 | 19.4   | 29.1 | 37.7   | 39.9 |
| 57°   | 2.2   | 10.8 | 18.3   | 29.1 | 37.7   | 39.9 |
| 58°   | 2.2   | 9.7  | 18.3   | 28.0 | 36.6   | 39.9 |
| 59°   | 2.2   | 9.7  | 17.2   | 28.0 | 36.6   | 38.8 |
| 60°   | 2.2   | 8.6  | 17.2   | 26.9 | 35.6   | 38.8 |
| 62.5° | 2.2   | 7.5  | 15.1   | 25.9 | 34.5   | 36.6 |
| 65°   | 2.2   | 6.5  | 14.0   | 23.7 | 33.4   | 35.6 |





TEST NUMBER: P1312534

CATALOG NUMBER: P3SQAS17R159727DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.2   | 6.5 | 12.9   | 22.6 | 31.3   | 34.5 |
| 70°   | 2.2   | 6.5 | 11.9   | 20.5 | 30.2   | 31.3 |
| 72.5° | 3.2   | 6.5 | 10.8   | 19.4 | 28.0   | 29.1 |
| 75°   | 4.3   | 6.5 | 9.7    | 17.2 | 25.9   | 26.9 |
| 77.5° | 4.3   | 6.5 | 8.6    | 15.1 | 22.6   | 23.7 |
| 80°   | 4.3   | 5.4 | 7.5    | 11.9 | 18.3   | 19.4 |
| 82.5° | 4.3   | 5.4 | 5.4    | 9.7  | 14.0   | 15.1 |
| 85°   | 3.2   | 4.3 | 4.3    | 5.4  | 9.7    | 10.8 |
| 87.5° | 3.2   | 4.3 | 2.2    | 3.2  | 4.3    | 4.3  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)